

# **The Atlantis Gene Study Guide**

## **The Atlantis Gene by A.G. Riddle**

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## Plot Summary

The Atlantis Gene by A.G. Riddle is a thriller that spans the globe. The question of how humans have evolved is looked at in great detail. David Vale and Dr. Kate Warner race to save the world from genocide. Vale is an intelligence agent, and Dr. Warner is a geneticist. Together they must discover why two autistic children, whom Dr. Warner has been treating, have been kidnapped and why Vale's intelligence agency is being taken over by outside sources.

They discover that a group called the Immari, who have been around for two thousand years, is attempting to isolate a gene called the Atlantis Gene. They believe this gene is the next step in human evolution. They have taken the two children because Dr. Warner has discovered how to activate this gene and the Immari want to know how. They need to know because an advanced race, the Atlanteans, are lying dormant under the ice of Antarctica and the Immari believe they are a threat to the human race.

Vale and Dr. Warner try to stop the genocide of not only the Atlanteans by the Immari, but also the killing of weaker members of the human race whom they attempt to sacrifice to advance their research in finding the Atlantis gene. Vale and Dr. Warner believe that the Atlanteans saved the human race from annihilation 70,000 years before, so they are not a threat to humans.

Vale and Dr. Warner travel the world to piece together the plans of the Immari and try to unravel the elaborate plan they have to protect the human race. Together they must fight an ancient evil that has taken part in acts of terror throughout history, including the Nazi regime and the 9/11 attacks. The organization stops at nothing to forward their cause. The two must piece together the mystery of the origins of the human race and race against time to stop a power organization with unlimited resources as they attempt to force the next stage of human evolution at any cost—even killing most of the world's population.



# Prologue, Chapters 1-9

## Summary

### Prologue

In the Prologue, researcher Karl Selig and Steve Cooper, his grad school friend, discover a Nazi submarine sticking out of a large structure in an iceberg in Antarctica. They are accompanied by a woman named Naomi. Their corporate sponsor insisted that she join them on the expedition. The two men were in Antarctica researching how newly formed icebergs affected global sea currents as they dissolved. They had not expected to find a Nazi submarine. Karl knew that the Nazis had held a great interest in Antarctica and had even sent expeditions there in 1938 and 1939. They had even claimed part of the continent and called it Neuschwabenland.

Karl wants to investigate the submarine in case there is treasure aboard to be claimed. He and Steve manage to tie their boat up to the iceberg several miles from the sub and strange structure underneath it. The two men leave Naomi on the boat and set off to hike to the sub. As they are walking, the ice begins to crack and gives way under Steve's feet forming a giant chasm below. Karl manages to throw Steve a rope to hold onto, but begins to slide toward the abyss himself. Steve asks him not to pull him up since he has spotted a tunnel or a cave he wishes to investigate. Steve swings into the tunnel and disappears from sight. After he disappears, the ice around Kyle begins to crack. Trying to make it to the other side of the fissure, he leaps. He misses and falls into the abyss.

Back on the boat Naomi calls someone on the satellite phone to let them know that they have found something. The person tells her that they will come to her. They are able to get her location from the GPS coordinates on the satellite phone. The man looks at satellite surveillance of the location and sees something that amazes him. He runs to the director's office to let him know that they have found it.

In Chapter 1, Dr. Kate Warner awakens in her office at the Autism Research Center in Jakarta, Indonesia. Her lab assistant, Ben Adelson, startles as Kate sits up abruptly. He drops the cup of coffee he is bringing her. Kate had been working night and day at the lab since her research sponsor had told her that she needed to produce immediate results or her funding would be cut.

A man and woman in black face masks prepare to enter the Autism Research Center. They have cut the alarm on the outside, but the alarm on the inside is going off. They need to hurry before anyone calls the police.

Ben gets Kate a cup of coffee and questions her about why she is working so hard and the secrecy with which she is guarding her notes and refuses to talk about ARC-247. Kate does not answer, but instead asks him about the strobes light going off in the



building. Ben believes it is an alarm, but cannot find anything wrong to account for it. There were two dozen staff members who cared for the autistic children in the study. Martin Grey, her adoptive father, had suggested Jakarta as the place to continue her research and to start over four years before when she wanted to be somewhere else.

Kate's mother had died in childbirth and her father had been away a lot. They had lived in West Berlin and the house staff had taken care of her when her father was away. When she was six Martin had told her that her father was not coming back. Kate would come to live with him. She had moved to America and she had been shipped off to many boarding schools. Her research lab was the closest thing to a home she had. In her need to forget what had happened in San Francisco Kate threw herself into her work in Jakarta. The children in her study became as if they were her own children.

Kate goes in search of Ben, who has not returned with more coffee. She does not find anyone in the staff kitchen or the clean room lab where the team engineered gene therapy retroviruses in the hope of one day curing autism. Kate makes her way to the residential section where the roughly one hundred autistic children were housed. She hears running footsteps in the distance; and, as she reaches a corner, Ben grabs her and tells her to follow him quickly.

In Chapter 2, David Vale is at the Manggarai Train Station waiting for a contact. The contact was meant to buy a New York Times from the nearby newsstand and place it in the trash can. The train station is crowded with morning commuters. It is the perfect place to meet. The contact is late, and the team of operatives supporting David is getting nervous. The man David is to meet claims to have details on an imminent terrorist attack called Toba Protocol.

Howard Keegan, the Director of Clocktower which is the counter-terrorism organization David works for, tells David that his contact does not seem to be connecting. David, who is the Jakarta Clocktower Station Chief, agrees and gives the order to shut down. Just as he does, however, a man buys a newspaper and places it in the trashcan. David follows the man, but something about him does not seem right. The man gets on the train and makes his way through the crowd away from David. Soon he catches up to the man. As the man turns and looks at him, David realizes something bad is about to happen. He pushes his way out onto the platform. Then, an explosion blasts David off his feet. He is trapped beneath people and unable to move. He is rescued by his team members and taken away.

In Chapter 3, Kate is in the Playroom four at the Autism Research Center. She is with her assistant Ben as they watch eight year old Adi finish building a puzzle and look at them smiling. Kate is amazed that Adi put the puzzle together so easily. It was a difficult one and needed a very high IQ to complete. The only other child able to do it was Satya. After Adi rebuilt and tore down the puzzle several times he went to sit next to seven year old Satya, who then took his turn at building the puzzle. He did so as easily as Adi had. The behavior of the children was unusual as well. Autistic children generally do not make eye contact or take turns. This was not something either child had done



the day before. Ben was convinced that Kate's therapy was responsible for the change in the children.

She asks Ben to take Adi and Surya to observation two so they can administer a diagnostic. As the four of them leave, however, they encounter two people in the corridor dressed in black military outfits. Their faces are completely covered. They are obviously there for the children and threaten Kate, addressing her as Dr. Warner, when she moves to protect the children. Adi tries to run, but is grabbed by the woman. Ben and Kate rush the man, who is holding a gun. The gun goes off as they tackle him and Ben is killed. Kate is pinned down by the man and unable to save herself.

In Chapter 4, Howard Keegan is in a Clocktower safe house thirty minutes after the train blast. Howard Keegan is convinced that David was set up. He hands David a message he received before the blast. It said that Clocktower was under attack. The Cape Town and Mar del Plata stations are destroyed and four more were breached. Keegan believes that the informant used the lure of information to distract David and the others from the larger attack against their organization. David is not convinced that there is not a terrorist attack and feels that perhaps the attack on Clocktower is part of it. Keegan is more concerned with securing Clocktower. He orders David to go secure his station, which is the largest in Southeast Asia. David escorts Keegan out of the safe house since he is returning immediately to London. David is approached by a newspaper boy, who shoves a rolled up newspaper into his hand before running away. Inside of the newspaper roll is a round black pipe, possibly a pipe bomb.

In Chapter 5, West Jakarta Police Chief Eddi Kusnadi arrives at the Autism Research Center to look at the crime scene. A neighbor reported a gun shot so the police had to check on it. He is shown to a room in the back where a woman is lying unconscious on the floor and a man is dead. They have identified the woman as Dr. Katherine Warner. They know that the building is a research facility, but they refer to the autistic children as retarded. The dead man is identified only as one of the lab technicians. One of the nannies who watch the children tells them that two are missing. The Chief looks Kate over and tells Paku, one of his officers, that if she has money to bring her to the station and if she does not take her to the hospital.

In Chapter 6, the project director at the Immari Corporation Research Complex tells Dr. Shen Chang that they have a new therapy to try. He wants the machine ready and the subjects treated with the new therapy within four hours. Dr. Chang is reluctant and he is told that time is running out and results are needed. Chang tells the director that they are low on primates, but he is told that they are no longer testing on primates. He is to use a human cohort of 50. The director gives him a file when he protests that they are not ready for human trials. The file has the information Chang supposedly needs and there are also two subjects with sustained Atlantis Gene activation who will be exposed to the machine. Chang is told to replicate the gene therapy from the file and be ready in four hours. The file contains the notes of Dr. Katherine Warner.

In Chapter 7, David discovers that the black pipe he has been given is not a bomb, but it contains a photo. It is a satellite image of an iceberg with a submarine sticking out of it.



On the back of the photo a message is written of which David cannot decipher the meaning. David is informed that someone he is interested in has not been seen yet. They know that he landed at an airport a few minutes previously. David requests that when the man arrives that he not be seen on surveillance upstairs and that he would personally take care of the man.

In Chapter 8, a BBC news update tells of potential terror attacks in Mar del Plata, Argentina and Cape Town, South Africa. There are also blasts reported in Karachi, Pakistan and Jakarta, Indonesia. In a report from Cape Town a witness thought it was perhaps a drug raid. Soldiers arrived in an armored vehicle when they entered what looked to be an apartment building the witness said it was as if the entire building exploded. Fourteen people were killed. A reporter who saw inside of the building before he was removed said it looked like a safe house for the CIA or MI6 with advanced technology and some of the dead bodies wore body armor similar to that of the attackers.

A similar event took place in Mar del Plata, Argentina in a low income neighborhood. Twelve people were killed when an explosion took place in the building followed by a raid by an armed group. The fact that no one claimed responsibility worries the Western world. They are afraid that there is a new terrorist threat on the horizon.

In Chapter 9, Josh Cohen walks into Clocktower's Jakarta Station Headquarters. After going through the routine of verifying his identity, the elevator opens. He is taken to see David Vale. A body scan of Josh has been performed and if he had a bug or bomb on him the elevator would have filled with gas and he would have awakened in a cell. Josh has spent the last three years at the Jakarta headquarters of Clocktower.

Clocktower is an independent organization that fights terrorism. Their hands are not tied by red tape or bureaucracy. The world's intelligence agencies support Clocktower, but know very little about it. No one knows how it was started or by whom. They do not even know how it is funded. Not even those who work for Clocktower are given the answers to those questions. Josh was as clueless about it as he had been when he started three years ago. He had worked his way up the ranks quickly, eventually becoming Chief of Intelligence Analysis for Jakarta Station.

Each Clocktower cell keeps information to itself and only communicates with Central. No one knows how many cells there are, where they are, or who is working for them. Josh is surprised when he receives an invitation to join a meeting for the chief analysts of every Clocktower cell. He had asked David Vale if it was a joke. David assured Josh that it was not and that all of the directors were aware of the meeting. There were two hundred and thirty eight people at the meeting, which surprised Josh since he had believed that Clocktower was a small organization. He realized that there had to be thousands of people working for Clocktower overall.

Each cell had three groups. One third of the staff were case workers. They worked undercover in terror organizations and cartels. Another third were analysts. They spent a lot of their time hacking everyone and anything that could be hacked such as phones,





emails, and texts. Josh's job was to draw conclusions from the intelligence that they received. He would then make recommendations to the station chief, regarding the information that had been gathered. The other third were the cell's covert operations group, which acted upon the information that had been received.

Josh was surprised to see people he knew at the conference. They were people he had worked with at the CIA. When anyone joins Clocktower they receive a new name and their past is destroyed. Calls out of the cell were computer voice-altered and there was no in-person contact. The meeting of the chief analysts went against the secrecy that Clocktower had striven for in the past. Something very important and compelling had to have happened for Clocktower to break protocol in such a way. Once Josh left the meeting he was eager to get to David Vale and tell him what he had learned at the meeting. He returns to the Jakarta station as soon as possible. Josh had enjoyed meeting with his fellow chief analysts. As the head of analysis, he only answered to the station chief and had a team of analysts working under him. Josh did not have any peers with which to discuss his work. In the elevator on his way to see David Josh realizes that something is wrong. His vision blurs, he becomes heavy and unable to breath. He falls to the floor.

## Analysis

A Nazi submarine is found in Antarctica. Kate Warner is studying autism at a research facility in Jakarta, Indonesia and believes she may have had a break through. While taking the two children that have responded well to the last treatment the facility is attacked and the children are taken. Kate does not understand why someone would take these children who are orphans and autistic. The Jakarta Police are not interested in helping Kate find the children, but are more interested in how they can attempt to pin the crime on her so that she will pay them to be released.

David Vale, a counterintelligence agent is on a bust that goes awry. He is caught in an explosion and is injured. The Director believes that it was a setup to try and eliminate David. David learns that his agency Clocktower has come under attack. The facilities in Cape Town and Mar del Plata have been destroyed. Keegan tries to tell David that the attack on him and the Clocktower stations is a terrorist attack, but David is not convinced. David is handed a role up newspaper by a newspaper boy. In it he finds a photo of a submarine stuck in an iceberg.

Josh Cohen, a Clocktower associate, returns to the Jakarta station. He has just returned from a conference where he met other Clocktower members from around the world. He found it odd that they would have such a meeting when the group is very secretive and have never had a meeting between any stations let alone all stations. Josh is eager to tell David Vale about the event.



## Discussion Question 1

What organization does David Vale work for? Who is he waiting for at the train station? Why is David so interested in meeting this person?

## Discussion Question 2

Who is Dr. Kate Warner and what type of research is she working on? Why is the behavior of Adi and Surya so unusual? What could this mean for Kate's research?

## Discussion Question 3

Why is Josh Cohen shocked when he receives an invitation to the analysts meeting? How does this go against the way Clocktower operates? Why would Clocktower give up their secrecy to bring the cells together?

## Vocabulary

disintegrated, preliminary, intriguing, inconceivable, donned, plummet, surreal, chasm, crampons, fissure, subterranean, incessantly, remnants, retrovirus, cavernous, transit, metro, imminent, writhing, savants, spectrum, diagnostic, profound, scenario, prelude, autonomous, singularity, capacity, cohort, morality, sustained, replicate, assailants, anonymity, insignia, incurred, perpetrators, entity, dilapidated, reflective, anti-dogmatic, correlate, clandestine, cartels, covert, defacto, biased, protocol, camaraderie



# Chapters 10-19

## Summary

In Chapter 10, Kate is being held at the Jakarta Police Detention Center. She is upset that the police do not seem interested in finding the two missing children. She is being treated as a suspect in the deaths at the facility. She is in Jakarta so she does not have any access to a lawyer and no call to the American Embassy. The policeman says she thinks the Indonesians are stupid and uses them for her research.

Kate tries to explain that she is trying to cure autism. He accuses her of buying babies on which to experiment. Her trial is the legal guardian of the children in the research trial. He claims a jury will see her as taking their children and running experiments on them which she could not do in the United States. He claims the two children got sick and she attempted to get rid of them, but the technician refused and she killed him in a struggle. She uses the kidnapping as an excuse. Kate denies that this is what happened.

In Chapter 11, Jin is awakened to his number being called. He leaps out of bed and quickly dresses. He shows the orderly his arm with the number printed on it. He opens the door for Jin to enter into a large room with several rows of chairs. Beside each chair is a tall pole with three bags of clear liquid.

Jin joined the trial because they pay two dollars a day, and he needs to help his family. They had lost their farm. They sent their eldest son to the city to find work. Work in the factories aged him. After hearing his parents fighting, Jin slips out of the house to find work to help his family. He is hired on at a medical research facility.

Jin takes a seat in the last row of the chairs. A group of staff enter in white coats. A young woman hooks the bags to his arm valve and attaches the sensors to his body. He feels sleepy and falls asleep in the chair. Jin wakes up in the chair. The bags are detached, but the sensors are still connected. He feels groggy like he has the flu. He is detached from the sensors and told to stand by the door with the others. He can barely stand, but makes it to the door. They all look half asleep. There are only twenty-five about half the group that entered. He wonders where the rest are. The orderlies usher them through a long passageway into an enormous room. It is empty and the walls are very smooth.

Two children are escorted into the room. They look alert. They wander from person to person as if trying to find a familiar face. Something is lowered into the room. It looks like a massive iron chess pawn with a flat head or a bell with smooth, straight sides. It is twenty feet tall and heavy. It stops when it is ten feet off the ground. A Nazi symbol is etched on the side. A booming sound begins to sound. A light emerges from the top and flickers with each pulse of the boom. Jin is entranced and does not notice the people



falling around him. People's skin is melting off their bodies. Jin feels blood flow from his nose and then the light and sound stops.

In the control room, Dr. Chang and his team stand and watch the test subjects collapse. He has it shut off. He tells them to clean up while he goes to report to the director. The cleanup crew finds two still alive in the room.

In Chapter 12, Josh Cohen wakes up on a bed his head throbbing. Smelling salts are waved under his nose. David Vale is in the room. He has on full body armor. David leads Josh through a corridor and into the server room. He goes to a closet at the back of the server room. He pushes the closet aside and reveals a silver door with a panel beside it. He does a palm scan and another panel opens to perform a facial and retinal scan. The wall parts to reveal an iron door. David opens the iron door with a second palm scan.

The room is half the size of a high school gymnasium. A small glass box about twelve feet by twelve feet has from thick metal cords. It is a quiet room. It is shielded from every kind of listening device. Glass stairs appear as they approach and retract once they enter the room. David tells Josh that the conference he attended was a test. Of the 240 members who attended 142 never made it home. They were under audio and video surveillance the entire time of the conference. It was to see if there were any moles in the Clocktower organization. Josh cannot believe that Clocktower has been compromised. It is a significant breach. Three major cells have already fallen to their own special forces. David tells him that their own special forces could be preparing to take over the Jakarta station. He believes they are waiting for Josh's return. He will be at the top of their target list. That is why Josh was grabbed off the elevator before anyone could see him. David received information from an anonymous source that a terrorist attack was imminent on a scale never before seen and that Clocktower was compromised. He was later contacted that the massive attack is called Toba Protocol. The newspaper handed to him after the bomb contained a code.

Josh asks why send the information to David. Why not send it to the director of Clocktower or alert the world's intelligence agencies. David tells him that he had been investigating a super terrorist group before he joined Clocktower. He is going to show Josh what he has been working on for over ten years. He has not shown anyone else this information even Clocktower.

In Chapter 13, Kate leans back in her chair and thinks about her options. She tells the man to stop as he heads toward the door. She tells him why the trial adopted the children. Jakarta had no autism clinic and only a handful of specialty practices focusing on developmental disorders. These were not experienced in clinical research. They came up with the idea of going to the parents directly and run the clinic to administer the therapy. Their outreach did not work. They then took interpreters and researchers into the field to talk to families in the different villages. In the villages, they found no autistic children. One of the translators, an older man tells her what she is doing will not work. He tells her that she asks the wrong questions of the wrong people. He takes her deep into the village past the nicer homes.



The translator looks at the children. He talks to the children and shouts at the mother when she tries to reply. Kate stands by awkwardly. At the second house they find a child tied to a wooden beam that held the roof up. He is gagged, but he omitted a low rhythmic noise and rocked back and forth. The mother says it is not her fault. She has kept him longer than the others. They take the children who do not respect their parents that will not be part of their family to a place beyond the village. The mother asks if they want to take the boy. Kate says yes and asks to be taken to the place beyond the village. The children are gaunt and covered in grime. They go to each village picking up the discarded and unwanted children. The investigator does not believe her story. He says that they are not savages. Outside the interrogation room, the man walks up to the police chief and tells him that she is ready.

In Chapter 14, Josh tries to comprehend what David has told him. David believes that this attack is connected to 9/11. He believes that Immari International planned, funded and benefited from the 9/11 attacks. He thinks it was a cover for archaeological digs Immari conducted in Afghanistan and Iraq. David spent a year in a hospital in rehab after the attack. It gave him time to think. He questions why only four planes when they knew it would be a one-time only deal so why not hundred and why attack when the President was not in the White House. The attack ensured there was a war and crashed the stock market. He began looking into who benefited from the financial collapse and the war. When he was back on his feet, he applied to the CIA and was turned down. Josh thought David was a career operative. David tells him that he was a grad student at Columbia during the 9/11 attacks.

The CIA finally took him in 2006. He researched the Immari International and found a new attack Toba Protocol. David points to a file. It is all he has on that attack. David knew the Immari was behind 9/11, but they were also looking for something in the mountains of Afghanistan and Pakistan. They got him before he could figure it out. He was officially listed as killed in action. I got a new identity and a place to continue his work. Clocktower was the perfect fit. He could learn the truth about Immari and Toba. He did not tell anyone his true motives, but the director. He had not had much progress on the Immari until the source contacted him a week ago. The source knew about his investigation and that he had the file.

He chose Jakarta to settle because it is the closet major city to Mount Toba. He thinks it is referenced in the attack. What he has found is a report about the potential to reduce the total human population. Josh says that would have to be biological or a drastic change in the environment or a global war. David motions to the computers behind Josh telling him that they are connected to Central, their servers and the remaining cells. They have everything they know about that going on in the world. He tells him to learn about the fronts for Immari International then move on to the latest local intelligence. He tells him to think outside the box for answers.

David gives Josh a sealed letter written by him to Josh. He is to open it if David dies. It will give him instructions. He tells him that the room will give him some protection hopefully enough time to decode the message, but they will be looking for him. He shows him the monitor that shows the camera feed from over the door so that he will



know if someone is trying to get in. David opens a case and takes out a handgun. He shows Josh how to use it. If the door is breached, he must wipe the computers and burn the folder and letter. There is a small butane torch in the gun box. It also contains a cyanide pill. David tells him to let him know as soon as he has anything. He is going to buy them some time.

In Chapter 15, Police Chief Eddi Kusnadi enters Kate's interrogation room. She asks what they are doing to find the kidnapped children. He tells her that his department is small and the national police do not find retarded children. Kate says that they are not retarded. Their brains just work differently from other peoples. She tells him to begin searching for them or release her so that she can. He tells her that he cannot release her because she has not been ruled out as a suspect. He tells her that he has insisted they keep her in this holding cell rather than move her to the common holding area that is co-ed and not well-monitored.

Kusnadi questions her about her condo in Jakarta for which she paid cash, the equivalent of seven hundred thousand US Dollars. Her bank account keeps an average balance of three hundred thousand and receives periodic transfers from a bank in the Cayman Islands. He asks how she got so much money. She tells him that she inherited it from her father. He was in banking or an investor. She cannot remember. She was very young when he died. Kusnadi tells her that the investigators dislike foreigners, especially Americans. He says they will be able to clear her name if they can find the children, unfortunately they are a small department and would need resources. He thinks they could find them if they had one point five million dollars. Kate tells him that he will have it, but she has to be released first. Kusnadi says he cannot do that. Kate tells him to get her a phone, the details of his bank account and a car. He leaves to get what she needs.

The chief shuts the door to the interrogation room. He is excited. He can retire on one point five million. He wonders if he could have gotten more. She had agreed to the 1.5 million instantly. He ponders on saying they will need more people, which will require more money. He decides to leave her waiting.

In Chapter 16, Josh notices that David has moved field operatives to safe houses around the city by seeing their location beacons on the screen. David had divided the enemy forces, which gave him time to see an attack coming. Josh knows the attack is imminent. They will go after David and his men and then come back to HQ for Josh. David had only bought them time. Time for Josh to sift through the intel and work on the code.

Josh calls David and tells him about the kidnapping of two kids from a medical clinic. The van used is registered to a Hong Kong-based dummy corporation that is a known Immari front. It is a professional kidnapping. Josh believes it to be an Immari operation and a high priority one. The medical clinic is funded by another Immari company. They are confused why one Immari unit would take the kids from another. He tells him that there is not much staff. Ben Adelson was killed in the incident there is a rotating staff of





nannies for the kids and the lead scientist Dr. Katherine Warner is in local police custody. There have been no alerts put out on the kids and no public APBs.

The clinic does genetic research and is studying new therapies for autistic children. Josh sees that the study has not filed any patents. They would get a patent if they wanted to commercialize what they are studying. The standard procedure for clinical trials is to find a compound in the lab, patent it and then test it. It prevents the competition from stealing samples and patenting it first. You would only test something without a patent if you did not want the world to know about it. Doing the trial in Jakarta also keeps it secret. In the U.S., they would be required to submit an application to the FDA and disclose the trial therapy. David questions if they are developing a bio weapon. Josh says maybe, but the intel does not support it. The research looks legit and well-intentioned.

David asks if their source in the Jakarta PD has the authority to release the doctor. He tells him and proceeds to get a file for David on the chief of police. He sends the file to David's mobile command center. Josh also tells David that none of the other cells have reported being attacked and Central has not released any advisories. All the cells are quiet, releasing routine reports as if nothing is going on. Either they are waiting for something or the rest of the cells fell without a fight. Jakarta may be the last major cell.

In Chapter 17, Dr. Chang calls Dr. Grey. He is nervous. He tells Dr. Grey that they followed the research to the letter, but he does not know what happened. Dr. Grey asks if he knows why the children survived and not the adults. Chang says that they have run tests on the children and believe that they show Atlantis Gene activation. They discuss what the therapy may have done to the children's genetic code to activate the Atlantis Gene. The adults should have survived the test. They do not know why they did not. Grey questions if the therapy only works on autistic brains. Chang had not considered this. He had expected a tongue lashing from his boss not a discussion on science. He agrees that that could be a possibility. It could take time to research. Time they do not have. Chang questions if maybe Dr. Warner treated the children with something different, something she did not put in her official notes. He wonders if he may speak to Dr. Warner. Dr. Grey says he will have to get back to him. He also tells Chang to keep his suspicions about Dr. Warner to himself and to contact him directly from now on about the project. The rest of his team must keep their findings within the group. Dr. Grey wants a tight lid get on the project's results for now. Dr. Chang is confused by the request, but agrees to it.

In Chapter 18, Chief Kusnadi is about to enter the interrogation room when he is blocked by a man who is definitely soldier. The man tells him that he is there to pick up Dr. Katherine Warner. He hands Chief Kusnadi an envelope and tells him to take a look inside. The police chief looks at the first few pictures and is in shock. The man tells him that if he does not release Kate the chief will not be the only one to see the pictures. The chief gives Kate to the man. The man tells Kate to follow him.

Outside of the station, Kate turns and assesses the man who rescued her. He is dressed in black body armor similar to the man who took the children. There are five



men with him dressed the same. They have a large black truck and a black SUV with tinted windows. She asks him who he is. The man asks her to wait a minute and goes and talks to the man who had interrogated her. He hands the man a folder and tells him that he hears that he is in line for a promotion. The man says he just does what he is told. The man tells him that his case officer says he is a good source and will make a better police chief. The interrogator nods and says anything you want, boss.

The soldier walks back to Kate and motions her toward the large black delivery truck. She tells him that she is not going anywhere until he tells her who he is and what is going on. He says they need to get to a safe location first. She starts to refuse, but he tells her that the good guys ask her to get in the truck, while the bad guys put a black bag over her head and throw her in the truck. He tells her that he is asking and she can stay here or go with him it is up to her. Kate goes with him.

In Chapter 19, Vincent Tarea, head of the field operations at Clocktower Jakarta massages his muscles. The attack from the clinic has left him sore. He only needs to convince a few of the Jakarta staff to an attack. The others are already on the Immari payroll. Everyone at Clocktower HQ are there except David Vale and five agents with him and Josh Cohen, head of analysis. Large screens on the conference room wall show three crowded rooms full of operatives at safe houses all over the city.

Vincent tells them that Clocktower is under attack and that several cells have been completely destroyed. He tells them that the enemy that they are fighting is David Vale. He says that David's spreading the field operatives out throughout the city is his way of keeping them from defending themselves. Vincent tells them that it is believed that Josh Cohen is working with David in the attack. They are receiving help from Immari Security to help minimize collateral damage. He tells them that David has a vendetta against Immari and has captured a scientist who works for an Immari-funded project. They are unsure whether she is a co-conspirator or a victim. Their plan is to recover Dr. Katherine Warner and kill David Vale.

## Analysis

Kate is very dedicated to her work and the children of which she is in charge. She rescued these children from lives of misery and neglect. She is their only hope of a decent life and perhaps a normal one. The Indonesian people do not understand autism and because Kate is a wealthy Westerner her work with the children means little to them. She realizes that she cannot count on the police to help her find her two missing children.

Strange experiments are being carried out at the Immari Research Complex in China. People are being paid as part of a trial. They receive some kind of treatments and then are sent into a large room with an oddly shaped machine. The researchers have to know what will possibly happen to these people, but they send them in anyway. The people are given numbers rather than called by name to dehumanize them and make the researchers jobs easier to do. The two Indonesian children who were taken from





Kate Autism Center appear in the room with the doomed people, but they are the only ones who survive. It is now apparent that these two children are unique.

David's long history with the Immari is revealed. He has spent a great deal of time investigating them and wants the work he has done so far to mean something. He knows he is dooming Josh to a certain death by locking him in the quiet room, but chances are that Josh would fall into the hands of the enemy anywhere else as well. They must take the opportunity they have to make some headway into figuring out the terrorist threat before it is too late and passing the information on to those who can prevent it. Josh does not question David, but he is ready to lay his life on the line and help in any way that he can. David, himself, goes out to the front lines where he knows that he faces certain death. He is ready to do his duty and hope that the small part he plays will help to bring down the terrorist organization he wishes more than anything to destroy.

## Discussion Question 1

What is the Toba Protocol? How does it fit into David's investigation of the Immari?

## Discussion Question 2

Who is Jin? What happens to him? Does anyone survive the effects of the machine to which Jin and the others are exposed? Who are they?

## Discussion Question 3

How are autistic children treated in Indonesian villages? What does Kate find when she visits these villages looking for children? Do you think the children are better off with Kate at the research facility?

## Vocabulary

exploit, vibrant, dire, protocols, retracted, perspective, credible, metrics, implication, compromised, facilitate, elicit, insurgents, initiate, preemptive, repercussions, debacle, revelry, corroborate, fodder, metabolism, corpulent, subsidiary, incapacitated, physiological, neuroplasticity, precursor, charade, instigating, collateral, vendetta, neutralize



# Chapters 20-29

## Summary

In Chapter 20, Josh waits in the quiet room for the computer to finish searching. He wants to know whether his theory about the coded message is correct. He keeps an eye on the screens showing the video feed from outside the door and the map showing the red dots representing Clocktower Jakarta's field operatives. Finally a beep sounds and the screen before Josh shows five results. They are obituaries from The New York Times, The Daily Mail in London and The Boston Globe. This was how coded messages had been sent during World War II. The messages had been passed in 1947 so that made the terrorist organization over sixty-five years old. He believed that the New York Times would have been the paper most likely used in 1947. Looking at the obituaries Josh immediately noticed that they contained the words clock and tower. Josh reads through the obituaries hoping to find a way to break the code. He found it in the number of letters of the deceased names. The first clue was about the British finding Neanderthal bones in Gibraltar in 1940. This showed that the Neanderthal were still alive twenty three thousand years ago rather than having died out forty thousand years ago as previously thought. Josh does not understand how this pertains to a terrorist attack so he looks at the next message.

This message was about a U-boat not being found in Antarctica. He examines a photo that shows a Nazi sub immersed within an iceberg. The next message was about a weather balloon in Roswell that matched Gibraltar technology. Josh does not understand why David's source wishes to reveal these messages and what they have to do with what is happening or going to happen now. Josh begins to think and has the idea that the source is trying to give them an idea of how to contact him. He hits upon the idea of Craigslist and searches the Craigslist board from Roswell/Carlsbad, New Mexico. Once he is on the site he is at a loss as to how to find a message from the source. He sees the 'Missed connections' category and decides to try it. He finds a message that uses the words clock and tower. The message says that Clocktower will fall and for David to contact him if he is still alive. Josh tries to call David, but the phone does not work. Then he notices that the video feed from the door wasn't changing. He realizes that someone has placed a picture over the camera and they were now trying to get into the room.

In Chapter 21, in the Situation Room at the Jakarta Clocktower Station Vincent, Tarea orders the soldiers at the safe houses throughout the cities to move out. They make sure that David Vale is receiving a false map of these operatives so that he does not know their positions. Suddenly the sound of explosions makes everyone turn to the monitors, which are fuzzy with static. There have been detonations at the safe houses. The only dots left on the maps were those of David's convoy and those at the Clocktower headquarters. Tarea asks if they are in the quiet room or if they have Josh, yet and is told they are about to begin. He walks to his private office and calls Immari Security to report that David has taken out his men. The Immari are going to take care



of David themselves and they want Tarea to be there. They ask if he has Josh Cohen, yet and he tells them that they think he is somewhere in the building.

In Chapter 22, Kate steps into the large black truck behind the soldier. There are weapons, screens and computers. The screens showed a map of Jakarta with dots on it. The other showed a video feed of the areas around the truck. The last showed a screen with the word Connecting... on it. David introduces himself. He tells Kate that he is taking her to a safe house. He wants to ask her questions about the kidnapping of the children. He refuses to tell her what organization he is with. David tells Kate that a lot of innocent people were killed today and more could be killed. He believes Kate's research is somehow connected to the events. She tells him that Immari Jakarta funds her research and that her adoptive father, Martin Grey, is the head of Immari Research. David asks Kate if she is building a biological weapon for Immari. She denies it vehemently and says that she is trying to cure autism. She does not know why the two children were taken. David does not believe her. He wants to know what is so special about those two kids. Why were they the only ones taken? Kate is stunned to realize that the Immari took her children. He shows her proof that the kidnapers were associated with Immari International.

David asks her if she knows what The Toba Protocol is. She does not. He tells her that Immari International is working on something to drastically reduce the human population. Kate mentions the Toba Catastrophe, with which David is not familiar. It is a popular theory among evolutionary biologists. There was a sudden spike in human intelligence around 50-60,000 years ago that is referred to as The Great Leap Forward. This happened in a short period of time and the wiring of the brain seemed to change creating smarter humans. At this time the other sub-species of humans suddenly go extinct, but human population grew drastically. The Toba Catastrophe Theory gives an idea as to how sudden leap forward happened. A super-volcano erupted 70,000 years ago at Mount Toba in Indonesia. Due to this the human population was reduced to about 10,000. The other sub-species fared better since they did not live as close to the volcano. Humans were on the brink of extinction and somehow in order to survive a small group of humans evolved or mutated. This evolution or mutation could have caused the increased intelligence in humans. No one is absolutely sure how the change in intelligence occurred or how humans survived after the eruption. It could have happened suddenly or gradually. The Toba Catastrophe Theory is just a possibility to explain the change. After considering what Kate has told him, David seems to understand what Immari wishes to do. They seem to want to change humanity and create a Second Great Leap Forward.

David is sure that Kate knows why the children were taken, but before she can tell him he notices a problem with the dots on the screen. He realizes that the map is fake. He commands SUV ahead of them to change course for Clocktower Headquarters. The SUV in front of them suddenly explodes, gunfire erupts and their truck veers off of the road. Another rocket explodes close by almost turning the truck over. When it settles back on all four tires Kate looks around and sees David lying on the floor not moving.



In Chapter 23, Josh knows that someone is now trying to get into the quiet room. He suddenly sees an orange speck on the door, which grows bigger and he realizes the door is being cut with a torch. Josh hurries to get as much done as he can. His first task is to answer the Craigslist message. He responds to the message that he does not have time to be cryptic, but has to be direct. He asks the source to contact David through Craigslist with any information that can help him. Josh sees the red dots on the map massing at the doors of the safe houses and then they suddenly disappear. He knows they are dead. The torch continues to make its way through the door as he waits for the source to make contact.

In Chapter 24, David awakens to find Kate standing over him. He jumps to his feet to assess their situation. The men in the SUV are gone as are the two who were in the front of the truck. He gets two smoke canisters from the locker and throws them out of the rear door of the truck. No shots are fired so David deduces that they want Kate alive. He goes back to the weapons locker and begins to arm himself. He puts on a helmet and re-straps his body armor. He tells Kate to stay in the truck and he would be back when it was safe. He opens the door and jumps out of the truck. Bullets immediately begin flying all around him. David takes out one of the snipers on the roof. Four men come up behind him. He identifies them as Immari Security. He kills two and dives out of the way just in time to avoid a grenade. David hears footsteps approaching and runs away leaving his rifle behind. He runs into more soldiers and a shot hits him in the chest. David realizes he is being herded to an ambush. He pulls two grenades and throws one toward the men behind him and forward to the ones ahead of him. Then he runs straight toward the river. An explosion close by knocks him off his feet and out into the river.

Kate sits in the truck waiting for David. She listens to the gunfire and explosions going on outside. There is a knock on the door of the truck and someone calls her name. It was not David. The door opens. Three men in black armor enter. They tell her they are here to rescue her. She does not believe them. The men say they are taking her to Martin and that he sent them. One of the men pushes forward and when he speaks Kate recognizes his voice as the man who took her children. He grabs her by the arm and twists her hands behind her back tying them securely. The man then roughly put a black bag over her head.

In Chapter 25, Josh watches as the red dots on the screen disappear until David is the only one. Then eventually David's dot is gone as well. Josh is shocked. He looks toward the door and sees that the torch has moved even further along the door. He deduces he only has a few minutes left. He opens the letter David left for him in case he died. In the letter David tells Josh that they must prevent the Immari from completing their plan. He was to forward whatever information he had to Howard Keegan, Director of Clocktower. He also wants the money from his accounts distributed. Josh distributes David's millions of dollars to various charities and to the parents of a woman killed during the 9/11 attacks. She had been engaged to marry a graduate student at Columbia named Andrew Reed.



Josh sees that the ring is complete on the door and they are now ramming the door. He sets all of the papers he has on fire. Then, he opens the program that will erase the computer. Suddenly Josh sees a blip on the location map and sees that David is alive after all. Josh realizes that he needs to send David the information that he collected and a way to contact the source. He had to come up with a way that Clocktower could not discover. Josh uploads the data to a secure server that he could send David to by giving him an IP address. The men at the door were almost through. He decided to use David's bank account to hide the IP address. He sends deposits from his own bank account to David's. The denominations are all parts of the IP address. Just as Josh finishes the men break through the door. The program has still not erased the computer completely. Josh gets to the gun just as three men make it to the glass doors of the quiet room. He shoots the computer making sure to hit the hard drive. The men open fire and shoot Josh. The last thing he sees is the last server lights blink out.

In Chapter 26, Harto and his son Eko are out on the Pesanggrahan River paddling toward the Java Sea. Their boat is weighted down with nets in the hope of having a good day of fishing. Harto would soon retire and his son Eko would take over the fishing. He worried, though, that there would not be enough fish for Eko to do well. There seemed to be less and less fish as the time passed and more boats out fishing. Eko stops paddling when he sees something in the water. They see it is a man. They try to pull him aboard, but he was too heavy. The two men believe he is a policeman from his helmet and goggles. They finally are able to pull him into the boat, but it immediately begins to sink. They have to throw their nets overboard in order to save the man. Harto realizes this is Eko's inheritance that they are throwing overboard. He orders his son to help him paddle so they can take him home. He realizes that man must be in trouble. They would not have any fish that day to bring back to his wife and daughter waiting at home.

In Chapter 27, a wire release from Jakarta, Indonesia, reports that there have been explosions and gunfire heard all over Jakarta. No terrorist groups had taken credit for the attacks and it is not certain who was targeted. At one p.m. three separate blasts ripped through buildings in rundown residential neighborhoods. Two of the buildings were thought to be abandoned. There were also reports of explosions and gunfire on the streets of the market district.

Also reported is that the Chief of the West Jakarta Police Station was arrested on charges of child pornography. Paku Kurnia has been made the new chief of the station.

In Chapter 28, Kate is at Immari Jakarta Headquarters. She is bound to a chair with the black hood still on her head. She hears footsteps coming closer. Then she hears Martin Grey demand that her hood be taken off. Kate immediately felt safe and knew that Martin would help her find the children. The bag is lifted from her head. The man who had taken the children and killed Ben Adelson was in the room. He ignores Martin's complaints saying that he does not answer to him. Martin refers to him as Tarea and has two men take him from the room, binding his hands and placing the bag over his head. Kate begins to explain about the children, but Martin tells her he will explain everything. He wants to know what she has done to the children. Before she could



respond more men enter and tell Martin that Sloane wishes to speak with him. They tell Martin that Sloane is actually in the building. Martin tells the men to take Kate to the observation deck for the observation and he would be there shortly.

In Chapter 29, David wakes up in Harto's boat. He takes off his head gear and throws it overboard along with the vest. Harto wonders what an American or European soldier is doing in the river. Harto is afraid that he may be a terrorist or a drug cartel soldier. David begins to speak English, but Harto tells him that his wife speaks English and she will help him. David was uncertain where the two fishermen were taking him. He thought perhaps the Immari had put out a reward for him and that these two men hoped to claim it. David falls asleep on the boat, but awakens later on a soft bed. David asks her where he is. David stands up and walks around their house. He walks out onto the terrace. David sees that is on the third or fourth level of a building with similar homes. He looks down at the river and sees fishing boats coming and going. Then he sees two Immari Security men leaving one of the homes below him. They moved on to the next home. David goes back into the home and finds Harto and his family cowering with fear. He assures them he is not going to hurt them. He tells the wife that a woman and two children are in danger. He asks her to ask her husband if he will help him.

## Analysis

David has to strike against his own soldiers in order to prevent Immari from succeeding in their takeover of the Jakarta Headquarters. He does what he has to do in order to prevail against them. Even if he knows that it means the forfeit of his own life and that of Josh Cohen. Josh discovers that the terrorist organization has been around as long as even the CIA. Josh stays true to David until the end and not only gets the information David needs to him, but he also prevents the Immari from getting valuable information, although it comes at the cost of his own life.

David does not trust Kate at this point. He sees her as a possible collaborator with the Immari and possibly someone who will build them a biological weapon. Instead he finds out that her autism research is what they want instead. When Kate explains the Toba Catastrophe to David, he is able to get an insight into what the Immari plan. He may not be sure how or why they wish to change humanity. He is certain that Kate is holding back information and that she knows exactly why the Immari took the children. Kate seems to want to confide in David. She does not seem completely certain of her deductions, but David seems like a possible ally to share them with. Kate sees Martin as her savior when he comes for her at Immari headquarters, but there is a Martin she does not know. He shows a rather ruthless and hard streak when dealing with Tarea and Kate is not used to seeing her adoptive father that way. It is obvious Martin is not what he seems.



## Discussion Question 1

What does Josh discover in the coded messages that David has given him? How will this prove useful to David?

## Discussion Question 2

What is the Toba Catastrophe? When Kate tells David about the Toba Catastrophe what idea does that give David about the Immari's plans?

## Discussion Question 3

Why do the Immari want Kate? Why do you think she and the children are so important?

## Vocabulary

implications, archaic, aggregation, notorious, promiscuous, hominids, exponential, deprivation, obliterate, edifice, algorithm, depicting





# Chapters 30-39

## Summary

In Chapter 30, Martin Sloane meets with Dorian Sloane in Martin's corner office. He found the Director of Immari Security looking out the window. Martin eyes the younger man warily. Sloane tells him that he knows everything that he has been up to including his expedition in Antarctica, his meddling in Tibet and kidnapping of the kids. Martin tries to get behind his desk, but Sloane is too quick. Sloane is a brutal man and is quite capable of cutting Martin's throat, but the older man stands his ground against the younger one. Sloane tells him that he would have caught up with him sooner, but he was busy with the Clocktower situation. Martin tells him that he had planned to reveal what was taking place in Antarctica and China. Sloane does not believe him. He cannot figure out what Martin is up to. Martin assures him that he has not broken his oath and his goal is the same as Sloane's and that is to prevent a war they cannot win. Sloane believes the time has come for the Toba Protocol. Martin disagrees even though what he was working on was not working out. The reports from China say that all of the adults died. Martin agrees that the tests failed, but he believes if they use Kate's therapy it could possibly work. They could be walking into the tombs by the next day. Sloane believes that Martin will not be able to get Kate to talk since he is the one who took her children. Martin assures him he can get her to talk. Sloane tells Martin that he knows Kate better.

Sloane suddenly asks Martin if he has opened the sub, yet. They have not since they are following an extensive quarantine protocol to make sure it is safe. Sloane tells him he wants to be there when it is opened. Martin assures him that he will inform the site. Sloane tells Martin that they will go together to open the sub. He does not want to let Martin out of his sight. He demands to speak with Kate first. Sloane allows him ten minutes and lets him know that when he fails he will leave her questioning to people who will make her talk.

In Chapter 31, David watches the Immari Security officers as they move into a five room house on the corner row. The men move through the rooms, their guns held in front of them. David is hidden as he hears the men call clear after searching each room. They began to walk out of the home. David chloroforms the second man as he passes him. The man fights back, but David subdues him until the chloroform takes effect. The second man's radio crackles to life and tells the men that Clocktower had reported a field locker had been accessed in their area. The target was believed to be in the soldiers' area and he could be armed with weapons and explosives. They are sending backup. The man calls to his partner, Cole. David is ready when the man bursts into the room. He lunges on the soldier and the fight for control of the gun. David manages to subdue the man and grips the man's neck in a strangle hold. He slowly closes the man's airway. In one last struggle the man reaches a knife in his boot and manages to stab David in the side. David avoids a second stab and snaps the man's neck.





In Chapter 32, Kate is taken deep underground to what looks like a large aquarium. The glass window is fifteen feet tall and sixty feet wide. Through the glass she saw what looked like The Bay of Jakarta. There were robots busy burrowing into the ground and emerging with items in their hands. Martin joins her at this point and she demands to know what is going on and where the children are. He assures her they are in a safe place. Martin asks her what she treated the children with because they know it was not ARC-247. Kate does not understand why it was so important to know about what she used to treat the children. She tells Martin that she will tell him once she gets the children back. He tells her that is not possible, but he promises to protect them. He asks that she trust him. He asks her to think about the possibility that a weapon exists somewhere in the world which is capable of wiping out the entire human race. What if the only chance they had of survival was with whatever Kate used to treat the autistic children? Kate is skeptical.

He tells her that they are excavating for a lost coastal city. Around thirteen thousand years ago most of Europe was under ice. But, the ice melted, and sea levels rose wiping out every coastal settlement in the world. He asks her to imagine how many people would have lived on the coast at that time since fish was the most reliable food source and the seas were the most reliable method of trade. The people who survived the flood told future generations about the story of The Great Flood. There are geological records to prove it as well there being stories in the Bible and tablets and text from other civilizations. He tells her that genetic history was lost at this time as well. At least two species of humans survived the Flood. Martin tells Kate about the discovery of the Neanderthal bones at Gibraltar. He asks Kate why she thinks such subspecies as the Neanderthals and Hobbits died out when they had been around a long time before humans. Kate says because the humans killed them. Martin agrees and says that humans are mass murderers. They are driven to survive and anyone who is seen as an enemy and a threat such as the Neanderthal and Hobbits were destroyed. Even today humans attack anything that is different from them. He tells her that humans are fighting a war for a homogenous human race. Kate cannot understand how the children fit in with what Martin has told her.

Martin asks her why the humans won against the Neanderthals and Hobbits. The Neanderthals were stronger and had bigger brains. Human brains were wired differently, though and because of that humans could make tools and solve problems. Somehow this change in the brains of humans allowed them to survive over the other subspecies. Martin proposes that another change is underway in the wiring of the human brain. He says that perhaps the two children's brains might be the next version of the operating system for the human mind. What if the children and others like them are a new subspecies? Martin asks Kate what if they did to the modern humans what the past humans did to the Neanderthal and Hobbits because they were different and inferior. Kate cannot believe that Martin sees the children as a threat. She tells him that he sounds delusional. He tells her that he cannot explain everything. He can only tell her that the children hold the key to preventing a war that will wipe out the human race. That is why he needs to know what she did to the children. She asks him about the Toba Protocol. He wants to know where she heard that. She mentions David. Martin tells her that Toba Protocol is a contingency plan and they will not need to do it if she will tell him



what he needs to know. Before either of them can say anything else two guards come and take Kate away. As she is taken away Kate can hear Martin arguing with the guard. He is told that Sloane says Martin's time is up and he is waiting for him on the helipad.

In Chapter 33, David slaps Cole until he regains consciousness. He asks Cole his name and the man lies. David is wearing Cole's dead partner's armor. He shows him the dead body and tells Cole that the man had lied to him. The man tells David his name is Cole Bryant. He is part of the Jakarta branch of Immari Security Select Forces. He is originally from Colorado. He begins to edge away from David, but David orders him to stop moving telling him that he has placed a row of explosive up his spine. David has a small cylinder with a red button on the top in his hand. Cole realizes that the wireless trigger that David holds is a dead man's trigger. David assures Cole that if his finger slips off the button the explosives will go off. He tells him that there is just enough explosive to be contained by Cole's body armor to turn his insides to liquid. He likens the experience to a Cadbury Cream Egg. There would be a hard shell with liquid inside, just like the cream egg. If David is standing beside him, he will not be hurt. If David is shot or hurt, his finger will slip, and Cole will die.

In Chapter 34, Martin steps out onto the helipad where Sloane is waiting for him. Sloane taunts him about Kate not talking. Martin tells him that Kate only needs time. He urges Sloane not to take the measures he plans to make Kate talk. Sloane tells him they do not have time as Martin seems to believe. Martin tells Sloane that he hates him because of what he did to Kate. Sloane assures him what he did to her was not even a tenth of what she did to his family. Martin insists that she did not have anything to do with that. Sloane agrees to delay Toba Protocol if Martin will let them work on Kate and get the information they need. They could have information by the time they land in Antarctica and have a true Atlantis Gene Retrovirus with eight hours. Sloane tells Martin that he knows he is looking for an entrance in Antarctica. He tells him that within twenty-four hours he and Martin could walk through the gates of the tombs together. Martin agrees, but wants Sloane to promise that Kate will not be permanently harmed. As they are walking to the helicopter Sloane tells one of his men to get Tarea out of his cell and tell him to find out what Kate did to the kids.

In Chapter 35, David rides with Cole to the Immari Jakarta Campus. He is pretending to be Cole's partner. It does not work and he shoots the guard and rams the car into the main Immari Headquarters building. David tells Cole to park at the rear entrance near the boat landing. He grabs a small pack filled with explosives. Sirens erupt across the campus. They enter the building through a dock door. David places a charge next to the door. They move along the hallway with David placing explosives every twenty feet.

David tells Cole that the Immari are holding Dr. Warner and he needs to find her. Cole tells him where the interrogation rooms are. tells David that he will never make it out of the building. Security will be everywhere with field agents who have returned. Cole asks what will happen if David loses the dead man's trigger. David asks where field ops equipment is. He tells Cole that once he has the girl he will give Cole the trigger and will then make his way out of the building. David sets a fire in a supply closet and fire alarms blare and pandemonium breaks out.



In Chapter 36, Kate fights at the guards' grip on her arms. She is hauled into a room with what looks like a reclining dentist's chair. They throw her into the chair and strap her down. The door opens and the man who took the children enters. He is going to take pleasure in torturing her. A man enters with a syringe and tells him that they were supposed to start with the drugs first. It is something new they are using in Pakistan. It turns the brain to mush and the person will tell you anything. They are still working on it. The man runs his hand down her chest and legs telling her that she is cute and feisty and that maybe they will let him have her when they have their answers.

In Chapter 37, Kate is very thirsty and the lights are blinding her. The man pulls a piece of paper out of his pocket. He asks her what she gave the children. The paper tells him that it was not A-R-C 2-4-7. Kate fights the urge to respond. The man sees she is not going to respond and says it is time for plan B. An alarm begins to sound, and water falls from the ceiling. Kate squeezes her eyes shut. She can hear gunfire and the door exploding. The man falls bloody. Kate is unstrapped, but she cannot stand. She recognizes the soldier from the van. He hands another man something. He picks her up in his arms and runs. Explosions are all around them.

They escape from the building by using a grapple and gliding to the water. The building explodes below them. The man keeps her from drowning and they are picked up by a boat. The man performs CPR on her. Kate cannot lift her arms. She tries to hold his mouth to hers. Water gushes from her mouth and nose as he rolled her over. He holds her until her breathing slows. He carries her into a cramped room and lays her on a small bed.

The boat lands, and they walk along a beach toward a town. He takes her to a cottage. She takes off her wet clothes. She tries to hold her shirt. She does not want him to remove it. He releases her and turns on a heater to warm her and dry her hair.

In Chapter 38, Cole lays face down on his stomach. He has been waiting for an hour as the bomb tech fiddles with the vest. He took the job to save up to open a Jiffy Lube. He took the job to get a little extra money. The Immari recruiter told him that he would be there mostly there for show. He thinks how they will tell his wife that he is dead. The tech tells him that it is not a booby trap. The tech hands Cole his bomb. It is a rolled up T-shirt. When he unrolls it, the shirt reads "Boom!" and below that "Sorry" in black magic marker.

In Chapter 39, Harto puts his arm around his wife and gathers his son and daughter at his side. They stand on the wooden dock where Harto retrieves the boat the soldier has told him about. They stare at the machine. It is like a dream to Harto. The boat is the most beautiful thing he has ever seen since his wife on their wedding day.

The soldier gives them the boat. It is a mini-yacht. It is capable of traveling between the small islands off Java. It can hold up to thirty people above deck and sleep as many as eight below deck. Harto plans to use the boat to take foreigners and tourists fishing. They could also dive and tour the islands. Harto will have to learn English. He says that entertainment is the future.



## Analysis

Martin Grey's and Dorian Sloane's animosity toward one another continues to grow. The two men work for the same organization, but seem to be working at cross purposes. Martin has an underlying fear of Sloane since he knows what brutality the younger man is capable of. Sloane does not hide his disdain for Martin and he obviously would like to do away with him if he could. The two need one another so they continue to work together to prevent the war that will supposedly eliminate the human race.

If Martin Grey is to be believed, an insight is given into why the children are so valuable to the Immari. The children and Kate's research seem to be pivotal to the Immari plan to save the world, but Dorian Sloane prefers to rely upon the Toba Protocol, which Martin Grey seems to fear.

David saves Kate from her captors just in time to keep her from revealing what she gave the children. Although David is a soldier and he has killed people previously he shows that he can also be resourceful and spare lives when he fools Cole into believing he has strapped explosives on his back. He has not done so and merely makes the man look like a fool. David also shows his generosity by giving Harto and his family a mini-yacht since they took a great risk helping him. Because of this they will experience a new quality of life and Eko's inheritance will be a bit more substantial than fishing.

## Discussion Question 1

What does David do about Kate? Why do you think he acts as he does? Is he being a hero or does he have an agenda?

## Discussion Question 2

What does Martin say killed the Neanderthals? Why? What does he say about humans? What do humans do to survive?

## Discussion Question 3

What is the goal of Martin Grey and Dorian Sloane? What do they fear? What do the children mean to their plan?

## Vocabulary

vector, quarantine, incapacitated, deluge, homogeneous, eventuality, contingency, pandemonium



# Chapters 40-49

## Summary

In Chapter 40, Kate dreams that she has been kidnapped by her wicked uncle. She had been with a knight and his men when her uncle attacked them. The men had been killed, the Knight had been cast out and the uncle had taken Kate back to his castle. She was thrown into the dungeon and he tried to make her tell him her secret. Kate knew if she told him that he would eat her children and become a powerful monster. His men gave her potion. The potion began to take affect and she was losing the will to fight, but before she gave in her knight rescued her. They flew away, but dropped down into the castle moat where the knight once again rescued Kate as she sank. They were rowed ashore by his loyal friend and landed on a deserted isle with a small cottage.

Kate awoke from her dream with a terrible headache. Her entire body hurts. She does not know where she is or what happened to her. She sees she is in a cottage of some sort. The room is small with a one bed. There is a rough, unkempt beach outside the window. She tries to get out of bed and becomes nauseous. She has to rush to the bathroom. As she is lying on the bathroom floor David comes in and gives her something to drink. He helps her into the bed and she is suddenly sleepy.

In Chapter 41, Martin Grey is in a jet over the iceberg in Antarctica. He sees the Nazi sub sticking out of the ice. The iceberg is about forty-seven square miles. Down below workers are excavating trying to find the entrance to the sub. No one is sure what the structure below the sub is, but Martin has his own theories. Sloane is with Grey on the jet and asks Martin when the sub was found. He answers ten days ago and assures the other man that the sub is the one he has been looking for. Sloane wants to be the first to go into the sub. Martin would prefer to send robots in and he certainly does not want to go into the sub himself as Sloane has commanded.

Sloane receives a phone call. He has been told that Kate has escaped with the help of a Clock tower agent. He orders his men to kill the agent, but capture the woman. Sloane has suspicions of Martin's role in Kate's escape since he does not react to the news. Grey says he is hard to surprise these days, especially when he is looking upon an eighty year old Nazi sub and an alien space ship both sticking out of an iceberg in Antarctica.

In Chapter 42, David watches Kate sleep for a little while. The loss of the Jakarta station had been difficult for David, but saving Kate gave him a peace of mind which surprised him. When he realized she would not wake up again David returned to the hidden chamber below the cottage. The walls were made of concrete. There was a built-in metal desk and room enough for a cot and some supplies. David's first instinct was to contact Clocktower Central and his mentor, Howard Keegan. He did not have any safe way to do this, however, and knew communications with them would be monitored. David did not have much money. He looks at this bank account balance. Josh had



executed the transfers as asked, but there were also several small deposits. David realizes it is a code. He figures out it is an IP address. He finds a letter from Josh there. He tells David that he can't hold out much longer. He had decoded the messages for him and he found the contact online.

David opens the file with the messages. He reads the obituaries from 1947. Opening the site for the contact David finds a new message. The message is in code and David has to decipher it. The contact is under duress and unable to send any messages or meet. The first numbers were coordinates for a train station in Western China. The next numbers were a date and time. The last set of numbers seems to be a locker number, but David is unsure. The end of the message is instructions to cut the power and save the kids. Then he hears someone walking around the cottage.

In Chapter 43, a wire release states that Indonesian authorities have identified two Americans who are connected to terrorist attacks and a child trafficking ring. There is a man hunt underway for the suspects. Authorities do not give a reason for the terrorist attacks. The suspects are Dr. Katherine Warner, a genetics researcher who is believed to be performing experiments on impoverished children. The police state that the over 100 Indonesian children in Dr. Warner's care were taken without their parent's consent. The clinic is believed to be a front for child trafficking. The proceeds from which were used to finance the attacks that took place. The attacks were said to be carried out by David Vale, a former CIA operative. They were believed to be part of a personal vendetta against Immari. Immari Corporation has offered their services in finding the two fugitives.

In Chapter 44, Kate awakens a second time feeling much better than before. She gets out of bed and walks into the living room. She remembers about David and then he suddenly appears out of nowhere. She accuses him of drugging her, but he says not to get any secrets from her. Everything comes flooding back to Kate. She remembers about Martin, the drugs and the interrogation. She also remembers the children and that they need to find them. David tells her she needs to eat. He feeds her an expired MRE. While Kate eats he tells her they are in an abandoned development off the coast of Jakarta. The house was his. David shows Kate an article detailing the manhunt that is underway for both of them. David plans to leave Kate at the cottage and go to check out the lead in China by himself. She refuses. As they are arguing they hear a helicopter approaching. David leads Kate through the coat closet and into the secret chamber under the cottage. They rush back out to tidy up the cottage and once again return to the bunker. David pushes Kate onto the cot and orders her to be silent. He turns out the light and not long after they hear footsteps on the floor above.

In Chapter 45, Martin Grey and Dorian Sloane enter the Nazi submarine at the Antarctica site. They are both protected from the cold and the submarine atmosphere by astronaut suits purchased from the Chinese Space Agency. Martin enters first, loses his hold on the slippery ladder and falls the remaining way. Luckily his suit is not damaged. The submarine is in excellent condition. It has been frozen for the past eighty years and looks the same as it had then. As they make their way to the bridge they see members of the crew dead from the effects of the Bell. Their skin has melted and then frozen.





Sloane is interested in seeing the room of one particular crew member. He opens the door and the two go inside. The room is clear and there is not a body. Sloane looks through the papers in the desk. Grey sees a picture of a soldier with his wife and two sons. Sloane takes the picture. Martin tells Sloane that the man could not have survived. Sloane asks him what he expected to find. Martin admits that he wished to find maps and perhaps a tapestry. There are some journals there and Martin hopes that one of them may be The Journal, but Sloane senses his eagerness and takes them all.

In the decontamination chamber, Dorian notes Grey's continued interest in the journals he brought back. However, he is greatly disappointed by what they did not find on the submarine. He was forty-two years old and had been dreaming about finding that sub since he was seven. Sloane asks about the excavation taking place around the Atlantean ship. He is told that they have found bones. It is believed that there is a Bell at this site as well. The Atlantean structure is believed to be as old as the one at Gibraltar, around one hundred thousand years old. Dorian surmises from the lack of progress on this particular site that Grey has another excavation going on somewhere else. Martin admits that the structure in the iceberg is just a small piece broken off from a larger one. Sloane berates him for putting them all in danger since they could be attacked by their enemies at any time and Martin had kept this vital piece of information to himself. Sloane tells Martin that he is going back to the China operation to shut it down and to start Toba Protocol. He is to be contacted when the larger structure is found. The decontamination process is over and Naomi enters to tell they are cleared for duty. She shows her interest in Dorian and introduces herself.

In Chapter 46, Kate wakes up on the cot in the bomb shelter. She had fallen asleep as the footsteps above had searched the cottage. David has fallen asleep in the floor. The men who searched the cottage left ninety minutes before and David tells her they must leave. He also says that she must do what he says without questions or discussion. Kate changes her clothes, but she cannot get David to tell her where they are going. He hands her a file of about fifty pages telling her it is all the information he has regarding the people who took the children. He shows her the coded message he received from his source. David tells Kate that the message leads them to a train station in Western China. There is a time and possibly a locker number. He tells her they have four hours to make it to the train station if the message has been decoded correctly.

They leave the cottage and make their way to some nearby warehouses. Inside there is a sea plane. The plane looks very old to Kate. She asks if David can fly it and he tells her 'generally'. She is not filled with confidence.

In Chapter 47, Dorian and Naomi are on the Immari Corporate jet headed to China. Dorian puts through a call to the facility in Tibet wanting to speak to Dr. Chase in the Nuclear Section. Sloane asks the Dr. Chase how he is doing with the nuclear weapons. He is told that they have forty-nine or fifty operational. Dorian wants more nukes, but they are having a difficult getting anyone to sell the weapons to them. He asks Dr. Chase to make two bombs portable for him that a small person could carry. Dr. Chase is told that he has twelve hours to make the bombs. Sloane then calls the facility once again, but this time he wishes to speak with Dr. Chang. He tells Chang he is on the way



to the facility. He wants to know how many test subjects they have. Sloane is told that there are 382 primates and 119 humans. Dorian is disappointed by the lack low number of humans. He does not believe 119 bodies will be enough for his plan. He orders Dr. Chang to give the remaining test subjects Dr. Warner's treatment. The doctor protests, but Sloane orders him to do the treatment that day and he is told not to incinerate the bodies. In one last question, Sloane asks Chang how much weight each two small children could carry. The doctor is confused, but says perhaps ten to fifteen pounds.

In Chapter 48, Robert Hunt is at Drill Site #4 and radios that he has hit 7500 feet and has not found anything. He has drilled oil all over the world, but Antarctica was the worst place he had ever been. His home at the sites was a pod that held three cots, a heater, trunks of food and equipment and a table with a radio. Robert is told to extract the drill, cover the hole and move to a new location. He is given the coordinates. Robert finds his job perplexing. This is the fourth site where they have not found anything, but ice. It is obvious that his employers do not want anyone to know they are drilling, but Robert is uncertain about what they are looking for since he does not believe it is oil. He is being paid two million dollars for two months work and signed a non-disclosure agreement so he is willing to do his work and keep his mouth shut.

In Chapter 49, Kate and David are in the small sea plane. They are attempting to land on a lake in the mountains of Western China. The plan runs out of gas as they try yet again to land. David fights to land the plane on the water as it bounces repeatedly on the surface before going up into the air again. They finally hit the water one last time with great force. Kate is thrown back into her seat and when she is able to look up toward David she sees branches in the cockpit as well as David sitting as if unconscious or dead. As Kate reaches for him and checks him for injuries David regains consciousness. They climb out of the plane, pack up their supplies and cover the plane with a tarp. David is in a good mood and they take a few minutes to have a meal before they make their way toward the train station coordinates.

Kate and David finish their meal and begin to hike. They have thirty minutes to get to their destination. On one of their rest breaks David asks Kate why she thinks the Immari took the two autistic children. She says that Martin had implied that there was some kind of super weapon that could wipe out the human race. He also suggested that autistic children were the next step in human evolution and that they could be a threat. David asks Kate if that is possible. She tells him there is a possibility since the last major evolutionary jump had been a change in brain wiring. There is evidence that another such shift in brain wiring is happening. Autism is a change in brain wiring, and more cases of autism are being diagnosed each day. Kate tells him that her research deals with a gene therapy that may turn genes on or off that may help the autistic children with social abilities and overall improve their quality of life. There are a large number of people who are somewhere on the autism spectrum who are able to lead successful lives and make fortunes in computers, bio-tech and finance. Kate was hoping to give her kids the same chance at having a happy successful life. They continue on their hike and five minutes before their appointed time they come upon a large train station. The station was not abandoned as the map had suggested. It was teeming with people dressed in white coats and various uniforms.





## Analysis

Kate and David are beginning to slowly rely upon one another and work well together. They have both been through difficult situations and find comfort that they are not alone in their fight against the Immari. David is saddened by the loss of Josh and that his end was inevitable, but Josh did not die in vain and his work helps David to take one step further to finding out what the Immari have planned as well as gives him a way to hopefully stop them. It is still unclear why the Immari took the two autistic children and why they are so interested in Kate's research. She seems to be attempting to unlock particular genes so this may have something to do with the Immari's tests being performed on subjects at the China facility.

Sloane has a driving desire to get aboard the Nazi sub before anyone else. He is obviously searching for someone and expects them to still be alive after eighty years on an iceberg in Antarctica. Sloane has been dreaming of finding the sub since he was a child and his disappointment is great that there is not a trace of whomever he seeks. Martin Grey seems to have his own agenda as well upon searching the sub. He is interested in a mysterious journal and tapestry of which Sloane does not have any knowledge. The two men continue to be at odds although they work for the same organization and presumably have the same goal. There is not any love lost between them; and, they do not have any respect for one another. Gray does not seem to share Sloane's increasing fear of the human race being attacked at any time. He seems more interested in the excavation work taking place in Antarctica.

## Discussion Question 1

Why is Dorian Sloane so anxious to get aboard the Nazi sub? What do he and Martin Grey find?

## Discussion Question 2

What does the information that Josh leaves for David tell him? What do David and Kate find when they reach the coordinates from the code? Could it be a trap?

## Discussion Question 3

What does Kate tell David about her work? Why are the Immari interested in two autistic children enough to kidnap them?

## Vocabulary

treacherous, pristine, intrepid, gratuitous, complied, insatiable, lethargically, delicacies, respite, genome



# Chapters 50-59

## Summary

In Chapter 50, at the Immari Corporation Research Complex in Burang, China, Dorian Sloane watches monitors as twenty or more Chinese subjects are lead out of a room where they had been recipients of an experimental therapy. A large number of them could hardly walk afterward. Naomi is nearby clearly bored. Dorian tells her to go check out the facility. He will find her later. Dr. Chang tells Sloane that the group of subjects he just saw was the third cohort and they were working as quickly as they could. He asks if Dr. Grey will be joining them. Sloane tells him that he is now overseeing the project and Dr. Chang needs to bring him up to date on it.

They have been working since the 1930s, studying the effects of the Bell. It is a form of radiation that they do not fully understand. Today, however, they focus more on how to survive the effects of the Bell. Some subjects fare better than others, but in the end they all die. The researchers wish to isolate the gene that gives the person immunity to the Bell and then they can develop a gene therapy to help people survive the effects. They call the gene, "The Atlantis Gene." The researchers have been unsuccessful so far and have not been able to find anyone who has full immunity to the machine. They are becoming afraid that perhaps the gene they need never actually existed in humans. Dorian wants to know how the children were able to survive the Bell. Chang is uncertain since he does not know. Dorian tells him to process all the remaining subjects through the Bell and to keep the bodies. They need them.

In Chapter 51, Kate and David are on a train. They had to hike from the landing site to the train and sprint inside to the bank of lockers to find number forty-four. Inside the locker were two outfits- a security outfit for David and a white coat for Kate. There were ID badges too. Kate was now Dr. Emma West, research associate in 'Bell Primary-Genetics Division and David was Conner Anderson. They had to swipe the IDs like a credit card reader to get on the 10:45am train.

Kate asks David what the plan is as they boarded the train. He tells her not to talk that they could be listening and to follow the plan. The Plan was for her to find the children and get back on the train. David would take out the power and join her. It was not a plan to her. They would probably be caught and he was sleeping. Kate feels the train slowing and in the corridor, people are making a line. David grabs Kate's arm tells her to stay calm and to remember that she works here and that she is taking the kids for a test at the Director's orders. He yanks the compartment door open and shoved Kate into the moving line. She is left on her own. Kate tries to act casual. She stands in line waiting to swipe her card. She is very nervous and afraid they will know that she is an impostor.

Three armed cards are spread out scrutinizing every face as the person passes through the lines. Kate swipes her card and the light blinks red. The guard takes a step toward her. She runs the card again and it blinks red. The guards behind the gate stop talking



and look at her. She lines the card up for another try and someone grabs her hand telling her that she has it backwards. A blonde man helps her. The man notices that the picture does not look like her. Kate tells him that they used an old picture and that she has lost weight. The man is skeptical. The man flips the card and the card beeps green. Kate follows that man inside. Dr. Barnaby Prendergast works in the same division that Kate needs to find. She tells him that guns make her nervous. He tells her that she will hate it here because everyone without a white coat carries a gun.

Kate tells Prendergast that she is there to pick up to Indonesian children. She tells him that she is doing autism research with Dr. Grey. Prendergast has not heard of him. He suggests getting her some help to find her way. She says no that she is not lost. He wonders what children would be doing there since they have zero percent survival rate. Kate freezes when she thinks that the children could already be dead with a zero-percent survival rate. Prendergast says there is something off about her and reaches for a phone. Kate grabs the phone from his hand. Kate tells Prendergast that the children are in danger and she is here to rescue them. She needs his help. He says he has only heard rumors about children and has no idea where they would be kept, but assumes the residential wings.

A security guard watches as a woman accosts a man a grabs a phone from him and whispered in his ear. It could possibly be a threat. The man looks scared. He picks up the phone and tells them that there is a problem in Bell Primary.

In Chapter 52, David waits in the line processing security guards. The structure is massive. It is bigger than he expected. It must be a combined hospital/medical facility and power plant. Trains are arriving from other tracks. All the personnel are shipped in from off-site. There is a hundred mile quarantine zone around the site. The cost must be staggering to build this place in the middle of nowhere and have supplies and personnel carted in every day.

David swipes his car and enters the building. He thinks of Kate and how she is way over his head. He needs to finish his part and get to her fast. He found a map on the wall showing the emergency escape route. He follows the flow of men into an open area with a row of lockers. He hears a few guards talking about the power plant and he follows them grabbing a radio and side arm from the rack before he left, since the place is bigger than he expected.

At the power plant, a guard sits inspecting the IDs of each man entering and consulting a printed page on the podium in front of him. David hands over his ID. In the line outside the train, he had scratched the picture mostly off as a precaution. The man asks what happened to his badge. He tells him his dog did it. The man searches his list, but cannot find his name. David tells him that they woke him this morning and told him to come in. He will go if they do not need him. The man takes a pen out and writes Connor Anderson at the bottom of the page. He hands David back his ID and waves to the next man in line.



David finds another emergency evacuation route poster and began making his way to the reactor section. His ID works on every door. He was almost to the reactor room when one of the guards stops him. He asks who he is and David says Connor Anderson. The guard replies that he is not and tells him not to move.

In Chapter 53, Kate is worried when she sees the guard reading a comic book outside the double doors to the residential wing. He tosses aside the comic book when he sees them. Kate scans her card and is allowed access. Barnaby follows. The guard stops him and tells him that he must scan his card too. Prendergast drops his ID and tells him that she made him do it and she's crazy. Kate steps between them. She picks up his ID and hands it to him. She tells the guard that she wanted Prendergast to walk her to work, but it is okay. She put her hand on the small of his back and pushed him away. She holds up her ID and swipes it again showing that it is green. Every twenty feet or so was a large door. She swiped her card at the nearest door and ventured inside. It was a barracks or college dorm. The sparse conditions make them look like prison cells. Kate retreats from the room and resumes down the corridor.

Kate approaches something like a nurse's station. She can hear the sound of the loud rhythmic clomp of boots echoing in the empty corridor. Six guards were running toward her guns drawn. They tell her to stop. They advance up her and she holds up her hands.

In Chapter 54, David raises his hands. The guard says that he is not Connor Anderson. David says no him that he is not and to put the gun down and shut up that they could be listening. Connor told him to come in for him. He had a rough night last night and said he would get sacked if he didn't come in. The man reluctantly holsters his gun. David knocks him out. He runs deep into the facility. He wonders how to cut the power. The power lines were his best guess. If he could blow the lines it would cut the power to the entire facility permanently including power they may have stored from the reactor. He is out of his element. He finds another schematic on the wall and scans through the areas. He finds a Circuit Room that is positioned opposite the reactors. It looks like lines from every reactor flowed into the room.

David turns from the schematic just as two guards round the corner and march toward him. He nods to them and makes his way to the circuit room. He scans his badge. David places charges on the larger conduits. He types 5 minutes in the detonator and hides it at the base of the closet. Three guards enter the room closing fast. He could not talk his way out of this one.

In Chapter 55, six guards surround Kate. They tell her to come with them. They take her by the arms and lead her away. A voice yells to stop. Kate sees a woman jogging up behind them. She is young perhaps in her twenties. She is dressed provocatively and looks out of place. The woman tells the guards that she will take Kate. She tells them she is Naomi and she works for Mr. Sloane. The guard says they have never heard of Mr. Sloane. Naomi tells her to ask her boss to call Mr. Sloane. Naomi grabs one of their radios and tells them that she needs to speak with Mr. Sloane. Sloane comes on the line. She tells him that she is bringing a girl to him, but there are a pack of guards



harassing them. Sloane tells someone in the background to tell their buffoons to quit harassing his people. Naomi tosses the radio back to the guard and tells him Good Luck. She grabs Kate by the arm and leads her away from the guards.

Kate asks her who she is. Naomi tells her that it is not important and she is here to help her get the children. The same person who sent the IDs has sent her to help. Naomi opens a door and Kate can hear Adi and Surya talking inside. They are sitting at a table in a white-walled room. Kate runs in and kneels down to hug them. They jumped into her arms bowling her over. Naomi pulls her up and tells her that they do not have much time.

In Chapter 56, the security chief hands the radio back to Dorian and tells him that his girl will not have any more trouble. He apologizes to him. Dorian turns to the nuclear scientist, Dr. Chase. Dr. Chase is worried about the shipment of nukes from Belarus. They have been tampered with and they do not have the time to disassemble them and fix them. The Ukrainian and Russian devices look ok, but are old. The shipment from China is pristine. They have one hundred twenty-six total warheads. They also have portable nukes. A young man leaves the room and returns carrying an over-sized egg slightly smaller than a shopping cart. The man can barely get his arm around the slippery egg. He set the egg on the table and steps away, but the egg wobbles awkwardly and drifts toward the edge. The assistant lurches forward and steadies it.

Dorian glares at the egg and asks what it is. He is told it is the portable device he requested. It is sixteen pounds. They could not reduce the size anymore in the time they had. Dorian asks how long it would take to make it small enough to fit in a suitcase. It will take a couple of days. Sloane is told there is an issue in the power plant. Dorian watches the video on the tablet he is handed. It shows a man moving through some mechanical room. He is told it is the main circuit room outside the reactors. Dorian watches the man plant a series of charges. He pauses the video and zooms in on the face. He studies the face and thinks back to the mountainside village in Northern Pakistan, the flames rising from every hut, the women and children running, the men lying in front of the burning homes and a man shooting back at him. He remembered shooting him he is not sure how many times and finishing the job. The man's name is Andrew Reed, a former CIA Field Operative. They will need more men to contain him.

Dorian believes Reed will not be alone. He wonders where he has been for the last four years. The security chief tells him that they have the charges and timer. They are surrounding him. Dorian tells him not to shoot him and asks where he is now. He is in one of the reactor halls. There are only two entrances and exits. Dorian tells them to drive him into the passageway and close the door. He asks about the status of the children. The chief tells him in their holding cell. The chief pops up the video on his tablet. The room is empty. Dorian tells him to find them. The chief yells into his radio and then types into his tablet bringing up a video that he shows to Dorian. It shows Naomi with Kate Warner and the children.

Dorian tells one of the staffers to send a memo to Immari Council that the China facility is under attack. They are attempting to secure, but anticipate all research capabilities



will be destroyed. Proceed with Toba Protocol with all haste. He tells him to include videos of the man in the power plant and the two girls trying to extract the children. The chief tells Dorian that he has the two women. He tells them to take the two girls to the Bell and put them with the other subjects. He wants them at the front of the line. He wants the switch thrown as soon as possible. Dorian thinks of Kate Warner in the Bell room as sweet justice. He asks if all the nukes are in the train cars. He is told yes except for the portable ones. Dorian tells them to put the kids on the train with the nukes and move it out right now. He turns to Dr. Chase and tells him that he expects him on the train as well by the time it reaches the coast and either the nukes will fit in a backpack or he will.

Dorian is told that the saboteur is locked in Reactor Hall Two. He tells them to make sure none of the remaining train cars leave. They will need to be moved something else. Dorian tells Dmitry Kozlov his second-in-command of Dorian's personal Immari Security unit to load the bodies on the train cars when the Bell is finished. They will set up a loading zone, somewhere with access to airports. Dmitry asks about the staff. Dorian says they are a liability and they cannot let anyone leave at least not until Toba is in full swing. There are also not enough bodies. They will process the staff through the Bell. It will not be easy. Using men from Immari Security or Clocktower field agents from New Delhi Clocktower station could work. Dorian says that someone inside Immari has to be working with Reed and he wants to know who.

In Chapter 57, Kate screams as the security guards rip the children from her hands and wrestle her to the ground. She scratches and kicks. One guard tells another to take the children to the train as the boys wiggle to get free. Kate reaches out for them and a man pins her arms. Another man rushes to her and she sees the butt of a rifle coming at her face.

The room is dark and crowded. Kate is being crushed by people from every side. Kate hears a loud boom above her. A huge metal device descends from the ceiling. There are lights flashing from the top with synchronized booms. She can feel the booms in her chest and in the bodies of the zombies crowded around her. She scans the room for the children. She sees only blank faces, half-awake and Naomi. She looks terrified. The booming grows deafening, the light blinding. Kate feels the flesh around her heat up. She raises her hand to brush the sweat from her face, but her hand is already wet and covered in blood.

In Chapter 58, the concrete doors to the reactor hall slam shut with a boom. The sound is barely audible over the rumble of the massive reactors. David walks deeper into the room that will be the site of his last stand. He checks the clip on his gun seeing he has two rounds left. He ponders keeping a round for himself since he knows valuable intelligence. A voice booms over the loud speaker. It says, Hello Andrew. David cannot place the voice. David decides to buy time. He wonders when the bombs will go off cutting the power will seal his fate, but could help Kate. He is told that they have found the bombs and they have the girl. David looks around trying to come up with a plan. David asks what he wants. The voice asks who sent him. David says he will tell him if he lets Kate go. The voice laughs and says sure, it's a deal. David suggests he come





down to hear David's formal statement. The man tells him that if he has to come down there he will beat it out of him. He is on a tight schedule and has not time for drugs.

The man tells him that he has no options. His problem is that he is the ultimate sucker for a lost cause. It appeals to his rescue fantasy. He promises to give the girl a quick death. David knows he has no options. He has figured out that the man behind the microphone is Dorian Sloane, the Immari field commander in Afghanistan and Pakistan. The man was ruthless, capable and vain. David's best option is to play for time on the off-chance something would happen or that Sloane was lying and Kate was getting away. David tries to stall for time, but Dorian tells him that the reactors are coming to life. That is the sound of power flowing to a machine that is killing Kate right that moment. David is alone now. Clocktower fell hours ago.

David tells him that he has nothing to say. He tosses his gun to the floor. If he wants to beat it out of him, he can come down and take his best shot. He is unarmed and Dorian might have half a chance. The reactor screams louder and David feels heat coming off of it. He wonders if it is malfunctioning. A concrete door lifts. David ran for the opening door. Sloane ducks under the door with a gun in his hand. He fires three quick shots catching David in the shoulder and upper chest sprawling him on the concrete floor. David fights to get to his feet. Dorian kicks his legs out from under him. He asks who told David about this place. David cannot feel his left arm. Dorian points the gun at his left leg. He tells him he does not have a name. He only has an IP address. David tells him it is in his left pocket and he will have to get it. Dorian pulls the trigger sending another bullet into his leg. Dorian tells him to stop lying.

The reactors change in tone again. Dorian looks up. A siren goes off just before an explosion rocks the room throwing shards of concrete and metal debris everywhere. Gas spews from the pipes and walls blanketing the room. David crawls, the pain overwhelming him. He thought he would pass out. He saw Sloane swatting the smoke charging around the room. There is another explosion and smoke fills the room. Dorian is told that they have to evacuate there is a problem. Dorian takes the man's gun and gunshots are everywhere. David froze so as not to be hit by the random shots. He sees Dorian's own men falling in his desperate attempt to put one more round in David. He hears people running around him. Blood is spreading around him.

In Chapter 59, Kate thinks that the masses of people in the room are falling, but she realizes that they are melting or disintegrating from the ground up. Lights flash and she can see glimpses of the waves flowing through the room one boom at a time. The booming is different and the lights begin to dim. She can see the device. It is shaped like a bell and it was dripping. There were survivors scattered across the room. Kate looks down and sees her body covered in blood, but not her blood. Aside from the throbbing in her head, she is unharmed. The Bell is changing. The light flashes again brighter than ever. She sees Naomi who must have waded through the bodies toward the door. Kate crawls to her. She is dead. The survivors crowd around the door in an attempt to get out. A blast deafens Kate and flattens the people into her. They are crushing her, suffocating her. She punches, twists and heaves her head back. Water floods the room and she is free floating with the massive tidal wave that sweeps her



over the wall. She has two thoughts. The first is that she is alive; the second is that David must have saved her.

## Analysis

The Immari uses people as test subjects to see how the Bell works and if their research to find the Atlantis gene is successful. So far they have had no luck in their research. They have been working since the 1930s to understand the Bell and no closer to understanding it. They want to find a way to become fully immune to the affects of the Bell. Dr. Chang does not know how the children survived. Kate's research should help them, but he feels they are missing a component and that they need Kate to understand what she did.

Kate and David fight against the odds to try and stop the Immari and save the children. Kate is not used to sneaking around facilities and finds it intimidating to try and lie her way into the facility. She tries to incorporate help from one of the workers, but he is only worried about his own safety and will not help her.

David is used to spying so he finds it easier to get into the facility and attempt to plant the bombs he carries. He will blow the nuclear reactor so that Kate and the children can escape in the chaos. Kate is help by Naomi. She used Sloane to get to the China facility to help the children. It is unknown exactly who Naomi is and why she is trying to help the children escape. The women are caught and taken to the Bell room. David is also caught and trapped near the nuclear reactor. Sloane knows David as Andrew Reed and taunts him before shooting him several times. The Bell has an odd reaction to Kate and begins to melt causing the power to cycle back to the nuclear reactor and the reactor explodes.

## Discussion Question 1

Why do the Immari test the Bell on innocent people? What are they hoping to achieve?

## Discussion Question 2

Why does Sloane call David Andrew Reed? How does he know David?

## Discussion Question 3

What happens to the Bell when is is activated in Kate's presence? Why does Kate believe that David is responsible for the explosion?



## Vocabulary

misnomer, premise, vindicate, epigenetics, static, viable, cadre, derisively, liability, implication, synchronized



# Chapters 60-69

## Summary

In Chapter 60, Dorian Sloane and Dr. Chang are in a helicopter flying away from the research complex in China as explosions keep rocking the facility. Sloane wants to know what happened. Chang tells him that there was a problem with the Bell. Somehow it had malfunctioned. Sloane wants him to figure out what went wrong. They then receive a call from the security chief at the facility. The chief tells Sloane that the Bell room exploded and he believes radiation may have escaped. He wishes to initiate a quarantine, but Dorian overrides him. He tells the security chief to rescue everyone he can and get them on the trains and away from the facility. He is also to put the dead bodies on the train as well.

When he hangs up with the chief, Sloane asks Dmitry Kozlov, an Immari Security officer, if Dr. Chase got out with the children and the bombs. He told that they were on their way to the coast. Dorian was happy with that news and the fact that they would get bodies from the use of the Bell. The explosions at the facility would cause problems, though. If the world found out what they had been doing at the facility all of Immari's secrets would be lost. He had drones launched at the facility once the last trains left to insure no one could figure it out.

In Chapter 61, David is still alive and is carried outside. A man inspects him and assesses that he will not make it. The workers drop him on the ground and go off to help someone else. Wounded and supplies are being placed on a nearby train. The train is only twenty feet away, but David is unable to move.

In Chapter 62, Kate does not arrive in time to get aboard the passenger train. She runs after it, but does not make it. She knew the children were on that train, but she was unable to help them. It would be too far to walk and the air was growing colder. Kate is uncertain as to what to do. She knew she needed to seek shelter. Suddenly she remembers David and wonders if he is on the departed train looking for her. Just as she is about to go back into the burning complex she hears another train horn. She runs toward the sound. She finds a cargo train with workers tossing bodies and supplies into the cars.

Kate thinks about David again and worries that he may not have gotten out. He could be one of the bodies on the train or he could still be inside one of the buildings. She vows not to leave without him. Seeing Barnaby Prendergast, Kate rushes over to him giving him a description of David. Barnaby blames her for the destruction of the facility and calls for security. Looking for a way to escape, Kate spots David lying on the ground close by. She inspects his gunshot wounds. He is not bleeding much and Kate knows that the lack of blood is a very bad sign. David is dying. Before she can help him the security guards grab her. She grabs a guard's gun and fires it into the air. The men



scatter. She forces the men at gunpoint to put David on the train. Kate grabs some medical supplies and jumped onto the train with David.

In Chapter 63, David relives 9/11 when he was trapped under rubble. He was rescued by the FDNY and taken to a nearby doctor. He leg had been crushed and had a large laceration. She assured him he would be ok.

Kate works on David's wounds, but there is not much blood flow and he feels cold. She is unable to close the door of the fast moving train to keep the cold wind from coming in. Kate manages to drag David into the corner of the car where it is warmer. She gave him a shot of antibiotics and cleaned his wounds. Unable to do anything else for him she wraps her body around his to keep him warm.

In Chapter 64, Dorian is in the helicopter looking at the ruin of the facility in the distance. The drones are only thirty minutes away in route to destroy the facility. Sloane orders that the trains should be stopped and everyone cataloged, even the dead bodies. The men are to be dressed in full quarantine gear.

In Chapter 65, Kate notices that the train is slowing down. She sees another train on the track beside them silent and dark. There are dark figures standing on top of the train as if they were waiting. She suddenly hears boots landing on the roof of their car. Soldiers enter the car and attach a zip line between the two trains. She and David are grabbed and transported to the other train by the zip line. Kate is led to a dining car where she is told to wait. David is also brought in. Kate rushes to him. She knew he would not last much longer so she looks around the car to find something to help her save him. Kate knew he needed blood and she had O negative, which is the universal donor type. The train begins to move away from the Immari cargo train. She wonders who their captors are, but only fleetingly. Kate manages to find enough supplies to create a system that would carry her blood through a tube to David.

In Chapter 66, a CNN Breaking News Bulletin reports of a blast in Western China. An industrial accident is believed to have taken place at the Immari International research facility.

In Chapter 67, Kate awakens in a room on a small twin bed. She hears bells chiming. Her arm is badly bruised from giving blood to David. They had arrived late the night before and she had been carried up a great number of stairs into what she believed was a monastery. She starts to get up, but is started by someone rising from the floor. It is a teenage boy dressed in a long red robe with a shaven head. He greets her by name. He introduces himself as Milo. Kate mentions the man with her. He refers to him as Mr. Reed. Milo feeds her breakfast and then takes her to see David.

As he takes her to David's room Kate can see the surrounding area. In the distance there are other monasteries built into the mountainsides and small villages could be seen down below. David had his own room similar to hers. Kate realizes she needs to give him more antibiotics. Milo surprises her by opening a cabinet full of modern medical supplies. She asks Milo where he learned English, and he tells her Rosetta



Stone. He had received it in the mail anonymously. Kate gives David more antibiotics and a large pain pill. Milo tells her that Qian wishes to see her as soon as she is finished with David. He has something to give her.

In Chapter 68, Dorian Sloane is on the stage of the main auditorium of the Indo-Immari Corporate Office in New Delhi, India. The audience before him is a mixture of Immari employees and Clocktower Operatives. Sloane tells them that they have been chosen and they are part of an elite team on whom Immari Corporation has pinned its hopes. He says what he is about to tell them cannot leave the room. He tells them that Immari Corporation is the descendant of a tribe of people who left this area twelve thousand years ago in order to uncover the true origins of the human race. It is believed that they created religion during this quest. Soon, however, as time passed and humanity changed science emerged as a new way to investigate, thus it was still the backbone of Immari's work today.

Sloane tells them that many years ago they discovered a danger to the human race. It has been known for a hundred years that one day they would have to battle this enemy. That day has finally arrived. He tells the people in the audience that they are soldiers in the army that is to stop the annihilation of the human race.

Sloane tells them that they cannot inform the public of this threat. It is one that they have to deal with on their own. The public would panic and the meltdown of society would follow if they knew that they were facing imminent extinction. The actions Sloane plans to take are drastic and he realizes that it may weigh upon the conscience of some, but he believes it is necessary to the survival of the human race. He tells them that if they feel they cannot participate in the operation it is best that they not do so or else they will be a weak link in their defense. Once off the stage Sloane asks about the trains. He is informed that they should have a roster of the living and dead within the hour. He demands to have it sooner.

In Chapter 69, Milo takes Kate to see Qian. They descend a seemingly never ending long spiral staircase. Kate is finally shown into a circular room where an old man sat at a wooden desk. Kate thought he must be over 100 years old. He tells her he has something for her. Something he has waited seventy-five years to give her. First, however, he wishes to show her something. They go through a door and down a short passageway. Kate was instructed to push a wooden button on the wall and when she did the stone wall at the end of the passageway began to rise. The only thing in the room beyond was a large rug lying in the center of the room.

Qian tells Kate that the rug is their heritage. He tells her that when he was young soldiers came to his village. They were Nazi soldiers. The men sought a group of monks who lived in the mountains. No one in the village would tell them about the monks. Qian was too young to know better and the soldiers paid him and some other children to show them to the monastery. Once there the soldiers tortured the monks, searched the monastery and set fire to the mountain. All of his friends were dead and the soldiers hunted for Qian. One of the soldiers rescued him and took him to a tunnel where three monks waited. The soldier handed Qian a journal and told him to keep it safe until the



time was right. The three monks left the monastery carrying the tapestry. The tapestry showed a biblical story with gods, heroes, monsters, heavens, light, blood, fire and water. Kate does not know what the tapestry has to do with her and tells Qian that she and David are in danger. He tells her that they share a common enemy. The group that destroyed the monastery seventy-five years ago will very soon unleash a great evil and that is what the tapestry depicts. The tapestry and the journal are keys to stopping them.

Qian explains the tapestry to Kate. It is called the epic of the four floods. In one area, people are fleeing a darkness descending from the sky. There is suffocating ash. Below that the people are alone in a barren wilderness, but a light leads them out and they find a protector waiting for them. He gives them a cup of blood. This is his way of protecting them. Qian says that the first scene is the Flood of Fire and he tells Kate that the tapestry is an historical document. Kate deduces that the event being depicted is the Toba Catastrophe when the volcano erupted and humans took a Great Leap Forward. The blood given caused a genetic mutation that allowed humanity to survive. The gift of blood caused man to change, and he saw danger everywhere. He began to kill the beasts. Slavery, war, and murder followed. Man built communities on the coast and did unspeakable things in their quest to live forever and to be safe. In another scene on the tapestry the savior/protector returns and tells them that a great flood is coming. The people ignored the warning. They thought they were smart enough to control their world and nothing could harm them. Only one humble tribe heeded the warning and built an ark. The cities and people on the coast were destroyed, but the tribe with the Ark goes into the mountains. Qian is descended from those people. He does not know what was in the Ark. The tribe wanted to understand the pre-flood world and find out what happened. One group thought the answers were to be found in the human mind through reflection and self-examination. They became the Immaru, the Light. Qian tells her he is the last of the Immaru. Some of the monks sought their answers in the world. They turned to science for the answers. They wanted solid proof rather than myths. Along the way they lost their moral code. The monks who split from the Immaru became the Immari. The other two floods depicted on the tapestry were future events. The Flood of Blood depicted super humans slaughtering lesser ones. Below that a hero battles a monster. When he kills it he goes up into heaven and unleashes a Flood of Light. The world is bathed in light and everyone is liberated.

## Analysis

The Immari do not know what happened at the facility to make it explode. Dorian does not want anyone to see what they were doing at the facility so once all of the people are on the trains he has it destroyed. He does not want anyone finding out what the facility was. The Immari are very secretive and do not want the world to know their plans.

Kate saves David's life. She feels a responsibility for him as he feels for her. She sees that David is dying and does whatever she needs to in order to get him to safety. She does what she can for him with the meager medical supplies she takes from the facility. David and Kate are taken from the train by soldiers and she risks her life to give David a



blood transfusion. She awakens to find she is in a monastery. Kate is greeted by name by the teenage boy who brings her breakfast. They seemed to have been expecting her visit. The thoughtless loyalty between Kate and David is in contrast to the lack of humanity of the Immari.

Sloane believes that he is attempting to save the human race. He, however, is willing to kill innocent people to achieve his goals. He sees it as a necessary evil for the continued success of the human race.

Qian tells Kate that she is the savior of the human race. Their survival lies in her hands. She will discover her destiny by reading the journal that came to them from a Nazi soldier. Qian tells her of the Immaru and the Immari. They were one group, but the Immaru sought answers through self examination and thought, while the Immari who broke from the Immaru wanted proof. They sought the tangible. This leads to a rift that makes the Immaru and the Immari enemies.

## Discussion Question 1

What does Dorian Sloane say in his speech to the Immari employees and Clocktower Operatives? Are the Immari right to not warn the public that the human race is in danger? What reasons do they have for keeping it a secret?

## Discussion Question 2

What is the tapestry that Qian shows Kate? What does it depict and what do the scenes mean?

## Discussion Question 3

Who are the Immaru? Why did the Immari split from them?

## Vocabulary

nominal, perused, carnage, litany, paltry, listless, concoction, septic, subsidiaries, assuage, proverbial, patronize, convene, fresco, solace, atrocities, alchemy, throngs, decadent, nomadic, humility, psyche, antediluvian, allegories, empathetic



# Chapters 70-79

## Summary

In Chapter 70, the Clocktower and Immari Security personnel are adjusting to working together. Dorian wants to hear what is happening at the China site. He is told that a Barbaby Prendergast is saying that he was accosted by a female who coerced him into aiding her in a rescue of some children. He tried to stop her. She later ran out after the attacks covered in blood, but unharmed. She took a security guard's gun and got on the cargo train with a dying accomplice who had been shot multiple times.

Dorian realizes that Kate Warner has survived the Bell. He questions Dr. Chang about how she could survive. He suggests that she treated herself with whatever she gave the children perhaps testing it for safety. She also could already have immunity, the Atlantis Gene. Dorian wants her genome tested. They can get her DNA from her apartment in Jakarta.

Dmitry Kozlov, the Immari Security Field Commander says that Kate Warner and David Vale are not on any of the trains. He knows she has to be somewhere because she would not leave David. He knows her. He uses the story of Kate and David's escape attempt to say that the explosion at the China site was due to terrorists and to send footage of David and Kate to implicate them.

They believe that someone helped them, but they mention they have been searching the mountains since 9/11 and have not found anyone. Apparently, these people were all supposed to be killed in 1938. They are called the Immaru. Dorian orders teams to search the mountains. He wants Toba to be the priority. They are to reposition satellites to survey the mountains and launch the rest of the drones in Afghanistan. He wants them to focus on the monasteries. He sends two men to trace the route of every train that left and question villagers to see if they had seen anything.

In Chapter 71, David is still asleep when she goes to his room. She stretches out on his bed next to him and opens the journal. A letter falls out. It is a letter to the Immaru from Patrick Pierce. He tells them he has become a servant of the Immari and he is ashamed of what he has done and fears for the world because of what they are planning. They seem unstoppable and he sends his journal to the Immaru in hopes that they can prevent Immari Armageddon. The letter is dated 1938.

April 15, 1917, Journal entry: Patrick Pierce was a major in the United States Army. He was hurt when a tunnel collapsed along the Western Front. He is in a hospital recovering from his wounds. He has a private room, but he can hear the screams of men in the ward. The screams are of nightmares and pain.

He is awakened by a slap and there are men in his room smelling of alcohol. They drag him from the bed and he screams out in pain. A nurse enters the room and the men





grab her ribbing her dress. The men attack him because his father is a Senator and they blame him for their being in the War. Patrick fights the men and is able to fight them off and saves the nurse before he passes out.

Patrick wakes up in a cottage. It is definitely decorated by a woman. A woman sits in the corner. She tells him that the doctors had to operate on his leg again. He will not let them cut it off as they want to do. He will be in bed for two months. The nurse introduces herself as Helena Barton.

In Chapter 72, Dorian reads through the list of living and dead from the trains. He is assigning bodies to be taken to different parts of the world. He talks about China ignoring or suppressing public health crises and Africa having no infrastructure to deal with an outbreak. Developed nations are more of a threat to their plan. They will move fast when it hits to try to contain it.

In Chapter 73, Kate holds David's head as he swallows antibiotics. He drifts in out of consciousness. She needs to pull the bullet out of his chest, but she is delaying. She does not want him to die.

Patrick dreams about the caving of the mine on the front when the German soldiers tunneled into their tunnel collapsing it. The nurse wipes the sweat from his brow telling him it is just a dream. The nurse reads to him every night, after work and dinner. His pain is almost bearable. He counts the minutes of when the nurse will be home. He insists she saw working in the hospital, but she will not.

She returns one day early and there is a man with her. The man is Damien Webster. He knew Patrick's father. His father has died. It was an automobile accident. Mr. and Mrs. Pierce died instantly. There is an account at the First National Bank in Charleston that has Patrick's name on it. It contains two hundred thousand dollars. They can transfer the money to him if he likes. Patrick tells him to give it to The West Virginia Children's Home. He says his father would not want him to have the money. He also brings a message from Henry Drury Hatfield, Governor of West Virginia. He wants to appoint Patrick to his father's seat in the US Senate. He would be seen as a war hero. Patrick tells him to get out.

In Chapter 74, Dorian lingers at the door of the situation room watching the view from the drones. They have nothing so far. There is too much area to search. He asks how they are doing on Toba. He is told the bodies are on planes bound for Europe, North America, Australia and China.

In Chapter 75, Milo waits for Kate and takes her to David's room. She administers his antibiotics and sees that the ring of red on his chest has expanded. She has Milo help her take the bullet out of David's chest. All she can do now is wait.

June 3rd, 1917, Journal entry: Dr. Carlisle looks at Patrick's leg. He agrees with the army surgeons that it should have been taken off just below the knee. He will not walk on it again at least not normally. It depends on his pain. He suggests Patrick walk on the leg for the next month or two if the pain is unbearable they can amputate it. Patrick is



worried what he will do. Mining is the only thing he has ever known. Helena asked the doctor to come see Patrick. He is a friend of her father's, Lord Barton.

August 5th, 1917, Journal entry: Patrick is walking or hobbling. The pills dull the pain and his thoughts. They make him immune to emotion. He worries he may become addicted to the pills, but he cannot function without them. Patrick does not want to leave Helena. He loves her. Patrick does not know how Helena feels. He needs a way to be able to make money so he can ask Helena to marry him. He only has a little over six thousand dollars, and he cannot support a wife with that. He sets a goal of twenty-five thousand dollars to reach. It will support them both. When Helena returns home, he tells her he is taking her to dinner.

In Chapter 76, Dorian paces the room waiting to see the drones' footage. It reveals a monastery and he tells the technician to fire a missile to the right of the base. He watches the rocket fly into the mountainside. He wants to see Kate Warner run out of the burning building.

In Chapter 77, Kate can hear explosions in the distance and wonders if it could be the Immari looking for them.

August 5th, 1917, Journal entry: Helena and Patrick walk along the wharf. She asks if he is in pain and he denies it. They take a tour of St. Micheal's Cave to see the monkeys. Helena tells him that there is a legend about the Rock of Gibraltar. It is said the Pillars of Hercules and the caves and tunnels under in extend deep into the earth leading to the Gates of Hades.

At dinner, Patrick thanks Helena for having him in her home. He thinks, however, he should get his own place. He is worried that people will talk since they are unmarried and sharing a home. She tells him that he should get work before he starts making plans. She tells them there are some men who want to talk to him about a job. They are friends of her father. She did not ask her father to find him a job. He rang himself a week ago because they have been keen to see Patrick. She has been putting it off. Patrick says meeting them could not hurt.

David could hear someone reading as he pushed open his apartment door. Allison looks up at him. She is listening to an audio book. She is an investment banker and is getting a new office the next day. It is on the 104th floor so she can walk near the windows on her breaks. She asks him what time he has class the next day, the 11th.

In Chapter 78, a Press Release is submitted by the Centers for Disease Control and Prevention in Atlanta, Georgia. A new flu strain has been reported in villages in Northern India. The CDC has dispatched a field team to assist Indian health officials in analyzing the new strain. They are advising the State Department that no travel advisories are needed at this time.

In Chapter 79, Milo is not waiting for Kate. She wanders out into the hallway. Milo comes jogging up to her. He apologizes and says he was working on his special project.



He will not tell her what he is working on. He takes her to David's room. David's condition has not changed.

August 7th, 1917, Journal entry: Patrick greets the two men. They introduce themselves as Mallory Craig and Konrad Kane. Kane is a German and Patrick is sure he is a soldier. Kane tells him that he has no interest in politics. They have a special job that needs to be done. It needs to be done by someone who can keep his mouth shut and think on his feet. They say it is an Archaeological dig under the Bay of Gibraltar. They have been excavating for forty-five years. They have started to make real progress. They had a German mining team, but the war and the British control of Gibraltar complicated matters for them.

Patrick asks how many people they have lost and they say none. They are looking for historical artifacts. Patrick guesses it is a treasure hunt. Patrick says he wants five thousand upfront just to look at their tunnels and if they are poorly dug he walks away with the five thousand dollars. If he agrees to work for them, he wants a thousand dollars a week and when he is in the mines he is in charge. Kane refuses Patrick's terms. Helena is glad he is not taking the job. She would not have let them in if she knew what they were after.

Mallory Craig calls the next day when Helena is at work. He apologizes for Kane's rudeness. He gives Patrick a check for five thousand dollars and says they would be honored if he would lead their dig. He tells Craig he will think about it. He spends the rest of the day thinking about it. He does not know if he can go back down into a mine. He talks himself into at least checking it out, but will not tell Helena. There is no reason to worry her since he probably will not take the job.

## Analysis

Dorian is intrigued when he hears that Kate Warner survived the Bell. He wants to know how she could do that since that is what they are trying to accomplish. Dorian seems to know a lot about Kate. He tells the men that she will not leave David behind. This seems to show that he has some connection to her. His desire to see her run out of a burning building shows that he does not have a fond relationship with her.

The Immari are looking for a group in the mountains. This seems to be why they caused 9/11. They wanted to be able to get in and search the mountainside without attracting attention. They are looking for the Immaru.

Kate reads the journal to David because she wants to let him know that she is there. The journal is of a Patrick Pierce who wants to bring down the Immari. She reads about his life with interest. She worries about David and hopes that he will survive. Patrick's story helps keep her mind off his David's chance of survival and on the story of Patrick and Helena. She reads as Patrick slowly tells of how he was sucked into the life of the Immari.



## Discussion Question 1

Why is Dorian so obsessed with Kate Warner? What are the implications of her surviving the Bell?

## Discussion Question 2

Why are the Immari searching the mountainsides of Afghanistan? What is so important about the monasteries?

## Discussion Question 3

Why is Patrick hesitant to take the job offered by Craig and Kane? Does he fear going back into a mine? Why? What is Patrick's background to make him qualified to head the excavation team?

## Vocabulary

accosted, coerced, putrid, presume, procrastinating, inevitable, chastises, suitor, frugal, ratified, glower, telemetry, disposition, stoicism, sedentary, optimal, proximity, facade, convalescence, ergo



# Chapters 80-89

## Summary

In Chapter 80, Dorian has the satellite footage that shows several monasteries. He orders drones sent to the targets.

In Chapter 81, Kate changes David's bandages and he is healing. She continues reading the journal. August 9th, 1917, Patrick is told that Immari Gibraltar is a small local concern, but they own half the wharf. His tour of the dig site shows him that Immari is not what it seems. It reminds him of a battalion HQ, hastily set up in a city that has fallen under siege and abandoned just as quickly. Craig is gracious, but Rutger Kane, Konrad Kane's son, is not happy that Patrick is being brought in on the project.

The mine is inside a warehouse and extends down into the earth. They have an electrical car to carry them into the mine. Rutger chastises the Moroccan men working for him. He then fixes up a fire device that he sends into the mine. There is a distant explosion. It is probably a methane pocket in the mine. Patrick is impressed with the operation. He is worried about the mine, however. He believes it is dangerous mine.

Rutger drives manically through the mine just to get to Patrick. The tunnels are wide and tall and very well made. Rutger wants to prove to Patrick that he knows the tunnels in the dark, that this is his territory. He wants to intimidate Patrick and it works. This is the biggest mine he has ever seen. The mine is under the sea floor and they think the methane pockets are coming from the sea floor. They worry that if a methane pocket explodes it will stretch to the seafloor and flood the mine. Patrick suggests they shut the mine off, it is too dangerous. Rutger thinks he is a coward.

They are looking for a city or a temple under the sea. Craig shows him a door or portal that they have found. They believe it is Atlantis. The city described by Plato. They cannot stop because they have found Atlantis. Craig offers him more money to take on the job. Patrick says he will think about it.

In Chapter 82, Robert Hunt is drilling on site five. They are hitting only ice, the same as the last four sites. He wonders what his employers could possibly be looking for in Antarctica. Oil is the logical answer since Hunt is a oil rig operator, but the equipment is not right for oil.

The drill hits an air pocket and Robert runs to grab the man on the platform. As they make their way to the housing pods the platform shudders and capsizes. Robert makes a status update reporting that they have hit something.

In Chapter 83, David is awake and angry. He cannot believe that she has stayed so long it is dangerous. He refuses to take his pain pills or sleep. David wants Kate to leave and leave him there. She asks who Andrew Reed is. He tells her that Andrew



Reed died in the mountains of Pakistan. He tells her that the low buzzing she hears are predator drones looking for them. Kate promises to leave the next day.

Kate asks if he minds her reading to him from the journal she got from Qian. David becomes interested when she mentions it is set in Gibraltar. She tells him the Immari have a mine and think they have found Atlantis.

Journal entry, August 9th, 1917: When Patrick gets home Helena is sitting at the kitchen table. Her eyes are red as if she has been crying. She is upset because she thinks he has taken the job or gone off and left. She wants Patrick to meet her family before their relationship progresses. She does not like that he is thinking about taking the job, but he needs a way to provide for them. She tells him that she cannot live with thinking of him in danger so he says he will say no.

In Chapter 84, An Immari Security officer informs Dorian that the packages are in position in America and Europe. In asks about the drones and his told that they have found another target.

In Chapter 85, August 10, 1917, Journal entry: Patrick goes to a pawn broker looking for an engagement ring. There are lots of rings because the war widows sell them to pay for bread for their families. Patrick does not like the idea of profiting from someone's misfortune and leaves. He walks the streets of Gibraltar not knowing where he is going. He wants to buy her a simple ring because it is more Helena. She would not accept a gaudy ring.

Patrick finds himself near a simple Catholic church and goes inside. He tells the priest he was in the market to buy a ring and the priest tells him that the church receives many bequests from parishioners. They sell the items when they can to use the money for the care of the living. Patrick wants a ring with a story with a happy ending. The priest tells Patrick the story of a soldier who received wealth fighting the Boer Wars in Africa. The spoils of war go to the victors. He used his wealth to invest in the mines and a strike made him rich. He fell ill and an aide worker, a Spanish woman who worked in the hospital during the war nursed him back to health. She told him she would marry him if he leaves the mine and donates half of his wealth to the hospital. He agreed and they left South Africa settling in Gibraltar. The man died a year later and his wife followed him several months after.

Patrick questions the happy ending, but the priest tells him that death is a beginning not an end. The man was saved from a life of oppression and greed by a good woman. Patrick buys the ring. He does not feel the pain in his leg as he walks back home. He is thinking of his future with Helena.

Chapter 86, the August 13, 1917 Journal entry: Helena and Patrick go to England to meet Helena's family. Helena's father does not even let Patrick ask for his permission to marry his daughter. He says that he knows what Patrick is here to ask and the answer is no. He goes on to talk about the mine. Patrick wants to know why he refuses. He says



she will marry someone who can give her the life she truly wants, a life of civility and grace. He has someone else in mind for her.

Patrick tells him the mine is dangerous and he will not work it. He says he will marry Helena with or without her father's permission. He ignores Patrick's protests and tries to talk him into taking the job at the mine. He tells Patrick that he runs the Immari Treasury, Kane runs the expeditions and Mallory is their master of spies. He offers to double the money. Patrick refuses because he will not make Helena a widow. Lord Barton says she will not marry Patrick without his permission. He offers Patrick two thousand a week and agrees to give his blessing to the marriage. Patrick tells him it will take months to get into the structure. Barton says they will announce the engagement that night, but if Patrick does not keep up his end in Gibraltar he will make his daughter a widow.

In Chapter 87, A news release bulletin states that the United States and Western Europe are reporting a new flu outbreak. There is fear that this is the beginning of an outbreak of a previously unidentified flu strain.

December 20th, 1917 Journal entry: Patrick is working in the mine. They have found a sealed door in the structure with technology beyond anything they can break through. The Immari have decided to move up the structure into the area that contains the methane pockets. They have found steps that they believe leads to an entrance.

Patrick gets a message that his wife is at the office for him. He hurries out of the mine. He changes and scrubs his hands. Before he leaves the warehouse, he receives a call that she has already left. He does not know why she was there. He rushes to the hospital, but she is not there. He uses the hospital's phone to call his home. The butler answers and says Mrs. Pierce is in her room. He gets in the car and goes home. He races up the stairs. He is worried because she is pregnant and is supposed to stay in bed.

She came to the office to see if he could slip out for lunch. He tells her there was a problem at the docks. She believes he works Imports/Exports. She does not know he works in the mines. They own a massive row house with a separate cottage for the house staff. Helena is measuring for a dancing room. She tells him that they received an invitation in the mail to the Immari Annual Meeting and Christmas Ball which is being held in Gibraltar this year. She would like to go, and Patrick agrees.

In Chapter 89, the sun is setting. Kate is having troubles reading the journal. Milo enters with a gas-burning lantern and greets David. David says it is nice to see Milo again. David is the one who sent him the Rosetta Stone software. Milo thanks him for the gift. David tells Kate she should rest because she has a long walk the next day. She says she will rest when she finishes the journal.

December 23rd, 1917, Journal entry: They find an opening to the right of the stairs. The jagged portal is a result of a blast or a rip, but not from them. They merely found it. The first area is a corridor that opens to a circular room. There are four tubes like massive





oblong capsules standing on their ends running from floor to ceiling. They're empty except for a faint white light and fog that floats at the bottom. There are two more tubes farther over. There is something in it. The fog clears as Rutger approaches it and they see a man, or an ape or something in between. He tells Rutger not to touch anything.

## Analysis

The Immari want Patrick Pierce to work for them. They tell him they are a small organization, but he can see from the mine that they have resources beyond a normal company. Robert Hunt also begins to question his employer's motives.

Dave wants to keep Kate safe and she wants to help him get well. They each want to look after the other. The journal allows them to learn what is happening in the Immari and to come up with a plan to stop them.

Helena does not want Patrick working in the mine because she could not bare losing him. This lets him see how she feels and he prepares to ask her to marry him. Helena's father tries to ruin these plans, but uses the opportunity instead to ensnare Patrick into the Immari. This shows how important the Immari is to Lord Barton. He uses his daughter to get what he wants. The group has an obsession and will do anything to advance their goals.

Patrick becomes part of them by lying to Helena about where he works. He knows she does not approve and goes to extra measures so she does not find out. The Immari are trying to make him one of them by deceiving his family and making his work the priority over his family.

## Discussion Question 1

Why do the Immari want to hire Patrick to work in their mine? What qualifications does he have?

## Discussion Question 2

Why does David not believe that Howard Keegan is Mallory Craig? Why is he devastated to learn that Clocktower is part of the Immari?

## Discussion Question 3

What kind of ring is Patrick looking to get Helena? Why must there be a story behind it?



## Vocabulary

lithe, placate, chastises, chagrin, coy, indescribable, fjords, sustain, stoically, martyr, apprised, constitutes, forsook, savvy, glean, indolently, tirade, profusely, revelry, intricacies



# Chapters 90-99

## Summary

Chapter 90, December 24th, 1917, Journal entry: Helena and Patrick attend the Immari Christmas Party. Lord Barton toasts Patrick, Immari's new head of shipping. It makes him think of the last time he saw his father. He is upset with his son for joining the army. It reminds him of his own father who was hired as a substitute for a wealthy man during the civil war. He thinks the men who volunteer for war do not know the cost of war. He tells him that he has death and misery to look forward to. His father tells him to get out and not to return.

Konrad Kane approaches and introduces his wife and their son Dieter. The boy runs and jumps in Helena's lap, crushing her stomach. Patrick grabs him and jerks him away from her. Lord Barton comes over and takes Patrick and Konrad aside for a meeting of the Immari. They discuss what they found in the mine. They think they are suspension chambers. They think it is a laboratory. Patrick says it is a ship. The men laugh at him. Barton asks him if he can give an estimate of when they will be inside. Patrick says he cannot because he is done digging. He has a family now.

Konrad tells him that the structure is the most advanced piece of technology on the planet and was built a thousand years ago or more. They believe that when the people who built the structure wake up the human race is finished on the planet. Patrick says that because he is hostile and thoughts of war and power dominate his thoughts, they are alike. Konrad insists that killing them ensures our survival and making friends does not. It makes sense to Patrick. They are infinitely smarter. If they let the human race live, they will be their pets. Patrick is adamant that he will not be part of it.

David realizes that the Immari are building an army. They think that humanity is facing an advanced enemy and they need to protect themselves. They are trying to create a race of super soldiers who can battle whoever built the structure in Gibraltar. Kate tells him about the device in China and how it massacred people before melting and exploding. David says he thinks he knows what it is.

In Chapter 91, January 18, 1917, Journal entry: Patrick's butler bursts into his study and tells Patrick that his office is on the line and it is urgent. When he gets on the phone, Craig tells him that there has been an accident. Rutger pressed too hard and the Moroccan workers are trapped. Patrick rushes to the mine and takes the car down into the mine. When the tunnel opens into a massive stone room, the electric lights are off. However, beams from the miner's helmets light the room. The foreman tells Patrick that Rutger is on the phone for him.

Patrick asks Rutger where he is. He says somewhere safe. Patrick asks where the accident is located, and Rutger tells him he is in the right place. Looking around, Patrick finds the tunnel lined with explosives. He tries to get the men to run, but they stumble



around. A blast rings out. Patrick staggers into the corridor to the lab and rocks close the entrance. He is in the chamber with the suspension tubes.

Patrick does not know how much time has passed. He is very hungry, and the lamp in his helmet has burned out. He hears footsteps and starts yelling for help. He calls out to Lord Barton to tell him that Patrick Pierce is trapped in the tunnels. He hears Rutger laughing. Barton is the one who ordered Patrick to be killed. Barton and Konrad had planned for Rutger and Helena to be married even before they were born. Helena did not like the idea and got the first train to Gibraltar when the war broke out. The dig brought him to Gibraltar and he was going to get their life back on track, but Patrick appeared on the scene. Barton made the deal, but the pregnancy was the last straw. Rutger plans to kill Patrick and Helena's child and comfort Helena when Patrick is gone.

Patrick threatens to kill Rutger. He tries to find anything in the lab to help him find a way out. He hears drilling and pick axes as they dig on the tunnel. He hears the workers yelling water and then a loud boom as rock fall. He hears screams, rushing water and then a drumbeat or a pulsing vibration. There are more screams and men running. He can hear the car roar away down the mine. Water begins entering the lab. Patrick gets in one of the tubes and fog surrounds him as the door closes.

In Chapter 92, Robert Hunt sits in his housing pod warming his hands around his coffee. His group is drilling the sixth drill site. He is wondering what happened at the last site. He goes out to check the progress of the drilling. They find a pocket in the ice. It appears to be a cavern a mile and a half below the ice. Its ceiling was almost a football field above the floor. What has the strength to hold up a half mile of ice?

He calls in a status update that they have hit a pocket. He is ordered to pack up the site and move to the next site. He packs up the site, but it feels wrong. He takes a white umbrella from the excess supplies and leads his team away. Thirty minutes later, he sees a large rock overhang and has the men park there. He tells them he forgot something at the site and is going back. He opens the white umbrella and tells them that he was told to minimize their visibility from the air. He goes back to the site.

In Chapter 93, Kate does not want to stop reading the journal. There are only a few pages left.

Journal entry: Patrick wakes in the suspension tube. There is light coming from the corridor. The water cleared the rubble away and he is able to make his way through the mine. There is still about a foot of water in the mine, but nothing to impede him. A strange light comes from a bell that hangs thirty feet above him. It seems to stare back at him, the lights pulsing slowly, like a lion's heart beating after it's devoured a victim on the Serengeti. He wonders if it will attack him, but nothing happens. He sees the body of men lying prostrate, ripped to shreds, some burned and all mutilated by a weapon he cannot imagine. The wounds look old and he wonders how long he has been down there.



The car is gone so he walks out of the mine. There is a plastic sheet over the entrance of the mine. It pushes it aside and is surrounded by soldiers in gas masks and plastic suits. Konrad Kane is one of the men. Patrick can hear Helena screaming. He tries to run toward her, but the soldiers jerk him back. He sees people lying dead on cots. Lord Baron and his wife, Rutger, Kane's wife as well scientists, soldiers, and nurses. Kane's son Dieter is laying on a bed. Kane lets him go to Helena. He wants Patrick to watch her die as he watched Rutger and his wife die.

Something in the mine killed Rutger and half his men. The ones who made it to the surface were diseased and spread a plague like nothing they have ever seen. He watches her kick and fight. In that hospital he makes a deal with the devil.

Kate cries after reading the entry. She lost her baby when she was in San Francisco. David takes the journal from her hand. He has seen her scar and knows about the baby. He pulls her down beside him and they drift off to sleep.

In Chapter 94, a tech tells Dorian that they believe they have found them. The drones, however, are a few hours away. He tells them to redirect drones with infrared. Another tech informs Dorian that they just got a message from Antarctica and they found an entrance. He asks if the portable nukes are ready. Dr. Chase has them retrofitted to slide inside a backpack. Dorian is leaving for Antarctica.

Infection rates are climbing in Southeast Asia, Australia and America. The authorities think it is just a new flu strain.

In Chapter 95, Kate wakes up in the early hours of the morning. David tells her that she has to go. Milo comes and tells them that it is time to go. An escape plan, it is Milo's project. Kate gathers up the bottles of antibiotics, pain pills, gauze, bandages and tape, which she dumps into the small cloth sack Milo holds out. She puts in the journal as well. David stands and almost instantly collapses. She gives him a pain pill. She drags him through the corridor.

Kate sees three hot air balloons. The balloons are camouflaged. One has trees to camouflage it in the forest. She hears the sound of buzzing. It is close. David says it is the drones and tells her to get to the balloon. David asks Milo if he has the gun he had when he came the first time. They kept all of David's things. He tells Milo to get it and meet him on the observation deck. David turns hobbling up the staircase set in the mountainside.

Kate hurries to the boardwalk. Five monks are waiting for her and wave to her. Two monks jump into the first balloon and push away from the platform. Two other monks were in a butterfly balloon, but seemed to be waiting for her. The fifth monk motioned her into the third balloon--the balloon with the forest scene on the top. The bottom side was a cloud scene. From below, a drone would only see sky above. If it was overhead, it would see only the forest. Kate climbs into the balloon and the second balloon cast off ahead of her. The last monk shows her how to control the balloon and her balloon is



released. Kate turns to see hundreds of balloons all rising into the sky. Every monastery had released balloons.

Kate grabs the cords to control the balloon as an explosion rocks it. The side of the mountain disappeared. Wood and stone flew through the air. She could not see anything, but the balloon seemed okay. The drone's missile had hit the mountain below her and on the opposite side of the monastery. She fought the controls. She was rising too fast.

In Chapter 96, David's shot misses the drone. The monastery is almost consumed by flames, and the trees below have caught fire. He needed a better vantage point. He turned to find Milo sitting in the corner of the wooden observation deck, his legs crossed and his eyes closed. David grabs him and tells him to seek stillness at the top of the mountain. David sees another drone coming. He shoots the drone and it explodes. He searches the sky for the first drone, but cannot see it. David sees Kate's balloon. Their eyes meet as the mountain explodes below him. Half the platform disappears in an instant and he is thrown off balance. His gun falls down into the burning monastery. He crawls to the other side of the platform. The entire monastery is coming down. The drone fired its last missile.

The balloon rocked but is still there. David got to his feet and jumped. Kate reaches for him, but he misses her hand. He catches a rope on the balloon as he plummets toward the ground. He can feel the heat of the fire on his legs. He was dragging the balloon down into the flames. Kate tried to pull the rope up, but could not. Kate throws a sandbag over, but they are still drifting lower. He yells to Kate that he can't climb. His mind tells him to let go. As he thinks this a rope smacks him in the face. Kate pulls him up into the basket. David is bleeding and she takes off his shirt and begins working on his wound. David hopes that Milo made his way to the top of the mountain.

In Chapter 97, Kate repairs David's bandages. She wants to finish the novel and then make plans.

February 4th 1919, Journal entry: Patrick sits at a table with Kane and Craig and listens to the statistics of the Spanish Flu epidemic. It has moved to every country in the world. It has killed millions so far. It kills the strong and spares the weak. The mood is optimistic. The human race will survive, but the losses will be intense. 2 to 5 percent of the population is expected to die. The Spanish Flu will kill four to ten times more people than World War I.

Kane demands a report. Patrick tells him that they have excavated the area around the artifact. Kane calls it a weapon. Craig says the plague grows weaker with retransmission so will soon die out and the interest in studying it will wane. Patrick thinks they should trace anyone who left Gibraltar. Kane disagrees. He believes the deaths serve a purpose. They shout at each other until they are both hoarse.

October 12, 1938, Journal entry: Patrick started the journal as an avenue for reflection. Then it became a testament to what he believed to be a conspiracy. He no longer cares



about his life after the death of his wife. He does not want to be a party to genocide, but cannot stop it. He writes what has happened since his last entry.

Kane believes the Bell is a super weapon and that it will kill the entire human race or cause a rapture leaving the genetically superior and killing anyone who might be a threat to this chosen race. He has become obsessed with pursuing a master race that can survive the coming apocalypse. Kane believes he is a member of this race. He has taken the Bell back to Germany to conduct experiments.

Patrick has learned the history of Immari and their sister faction, Immaru. Immari and the Immaru were one group. In Summerian Mythology, Immaru means 'the light.' Kane believes the Immaru have known the device and the fate of the human race for thousands of years, since before the flood. His theory is that the Immari were a group of Immaru rebels who believed man could be saved, but they could not convince their fellow members of this super race. The Immari forsook their own safety to journey out of the Aryan homeland into Europe where they believed they would find the ruins of Atlantis that Plato wrote about and with it the keys to humanity's salvation.

Kane has sent expeditions to every region of the Asian highlands because he is convinced the Immaru are there, hiding, sitting on secrets that can deliver everyone from the coming end of days. He insists that the Immaru will reside in a cold climate, a highland. He insists that the Atlantis Gene which bestowed all humanity's gifts, a genetic heritage most concentrated in the Immari, is connected to cold weather. From this he postulates that the Atlantean race must be in the cold somewhere hibernating, waiting to retake the planet. Kane has become obsessed with Antarctica. He has sent an expedition to Antarctica. He plans to follow-up personally in a super sup he is building at a shipyard in Northern Germany. Patrick has tried to find the location so that he can plant a bomb on it, but has been unsuccessful. He has heard it is near completion and Kane will sail for the far east to dispense of the Immaru once and for all before turning south for Antarctica to find the Atlantis Capital. Patrick hoped Kane's absence would provide an opportunity of him to take control of the Immari, but Kane has made plans for him as well. Patrick convinced a soldier in the expedition to carry his journal to the Immaru.

Patrick has found a chamber deep inside the ruins of Gibraltar. It holds the key to understanding the structure and possibly the Atlanteans. The technology is advanced and dangerous in the wrong hands. He has gone to great lengths to keep it from Kane. Patrick encloses a map to the chamber, which he has hidden behind a false wall.

Kate unfolds a delicate yellow page with the map studies it for a few moments and places it back in the journal. Kate releases that all the research done by the Immari is to find the Atlantis Gene. Her whole life they used her. David tells her that she can figure this out and stop them. They talk about what they know. David knows that conspiracy theorists talked about the Bell. They said it was an advanced Nazi weapons project or possibly a breakthrough energy source. They believe that there will be another pandemic if the bodies from China get out. The statistics from 1918 would translate into





two hundred eighty million dying today. It kills people with strong immune systems. It is deadly for people aged 25-34.

David asks why they would do it. Kate says they must be out of time. They realize that they have found the structure. The bodies distributed worldwide would reduce the world's population drastically to only those that could survive the Bell to anyone with the Atlantis Gene. The gene has to be activated and the plague could cause a second Great Leap Forward by activating the Atlantis Gene in anyone who has it. Or it could reduce the population and force humans to mutate and evolve. She believes that the first Great Leap Forward could have been because of the Atlanteans. They gave the dying band of humans something that helped them survive Toba. A gene, a change in brain wiring—the Atlantis Gene.

In Chapter 98, David and Kate talk while they are in the balloon. She bounces her theories off him. She says around seventy thousand years ago, the Mount Toba Supervolcano erupts and a global volcanic winter that lasts six to ten years and possible a one thousand-year-long cooling episode. Ash blankets Southern Asia and Africa and the human population plummets to around three thousand to ten thousand. The reduction in population caused a genetic bottleneck. Every human outside of Africa is descended from a small tribe that left around fifty thousand years ago with as few as one hundred people. Every human alive today is direct descended from a man who lived in Africa sixty thousand years ago. The descendants of this man are far more advanced than any of their peers. By around fifty thousand years ago, the human race is beginning to behave differently. They develop language, tool making and wall art. It is the Great Leap Forward. It is considered to be a change in brain wiring that caused the leap.

The human race goes from the brink of extinction to ruling the planet with over seven billion people in the span of fifty thousand years. No one knows how the Great Leap happened or where it will lead. David asks why the Atlanteans did not help the other subspecies of humans. Kate believes they did not need the Atlantis Gene to survive. They were not on the brink of extinction. The other species had larger populations and were not near the volcano. They became extinct at the hands of humans with the Atlantis Gene.

David suggests that part of the Immari grand plan could be more than finding the Atlantis Gene. They may think the Atlanteans will come back and eliminate any competing humans just as we did fifty thousand years ago after receiving the Gene. Kane's speech said he thought a war with the Atlanteans was imminent. Kate agrees. Toba Protocol is about creating Atlanteans transforming the human race by advancing it. They are synchronizing humanity with the Atlanteans to create one race so that the Atlanteans will not see us as a threat. They think if the Atlanteans wake up and see seven billion savages they will slaughter everyone, but if there is a small group of humans with similar genetics to their own they will be allowed to survive.

David believes they are building an army of people who are able to resist the Bell. They would be able to pass under it. He thinks there is a Bell at every Atlantis structure and is



a sentry device. If the Immari finds a way to activate the Atlantis Gene they can send an army in and kill the Atlanteans. Tobo Protocol is if they are unsuccessful and the Atlanteans wake up. Kate says they will be massacring the people who saved us from extinction and the only people who can help reverse the plague from the Bell. They need to find a way to contact the Atlanteans or stop the Immari. Gibraltar is their answer.

They are losing altitude. David finds a bundle in the corner as they throw sandbags in an attempt to stay aloft. It contains Indian Rupees, a change of clothes for each of them and a paper fold-out map of Northern India.

In Chapter 99, Robert Hunt drives back to the last drilling site. He is holding a white umbrella over him so he will not be seen from the sky in case someone is looking. He receives a call from control. They ask his location. Robert is worried that they can see him from the air. He tells them that they are having trouble with one of the snowmobiles and are three clicks from the seventh drilling location. They ask if he needs assistance and he tells them no he can handle it.

His mind is yelling him to turn back because he is worried about why they called. It was either they were on to him or wanted to make sure he was clear of the site. If they were on to him, he would lose his job at best and worse if they were engaging in illegal activities. He told himself he would drive to the top of the closest dune see what he could see and then head back. When he reaches the dune he takes out his binoculars and cannot believe his eyes. The machines towering over the site were of a scale he had never seen. They dwarfed the site that now looked as if a tornado had hit it. The main vehicle looked like a centipede about four or five hundred feet long that curved around the site in a semicircle. A crane truck ten times the size of a standard industrial construction crane stood behind the centipede.

A group of people in what looked like white hazmat suits, but bulkier came into view. They bring a cage out with two chimps inside. The crane picks up the cage and lowers it into a hole. The men hurry back into the centipede and close the door. He wondered why the men were wearing these suits when he and his men did not need them or the monkeys. The men come back out and the cage seems to explode out of the hole. The men stabilize the cage and jerk the door open. The monkeys are covered in white or gray and lie lifeless in the cage. They throw each monkey into a separate white body bag and race through the entrance of the second centipede section. The door opens again and Robert sees two children sitting on a bench inside a glass cage waiting as if they are next.

## Analysis

Patrick's father sees war as the horror that it is. He does not see it being as patriotic as his son does. He has seen what war can do to families and does not want that to touch his family again. The first meeting of Patrick and Dieter sets the tone for their relationship. Dieter crushes Helena's pregnant stomach and Patrick jerks him away.



Patrick quits his job because he wants to be around for his family. Family is more important to him than finding Atlantis. The other men do not understand this because the Immari cause is more important than anything. They try to kill him because of his betrayal to their cause. Their attempt leads him closer to understanding the Atlanteans because he goes into one of the suspension tubes. In their quest for knowledge, the Immari unleash a plague upon the world and use their wealth and power to cover up their mistake.

David and Kate must rely on one another to survive when the monastery is attacked. They must save the world against the Immari as they have again unleashed a plague on the world. Kate and David must find a way to help stop the Immari from building an army and killing the Atlanteans. David believes that Kate is the key to stopping the genocide of the Atlanteans. They need to find a way to contact the Atlanteans or stop the Immari. They believe that Gibraltar is the answer.

## Discussion Question 1

What kills the men in the mine? Why do they blame Patrick Pierce for releasing the plague?

## Discussion Question 2

What is the Tobo Protocol? Why do the Immari want to massacre people?

## Discussion Question 3

Why does Robert Hunt go back to the sixth drill site after being told to proceed to the seventh? What does he see? Why is he scared of his employers?

## Vocabulary

conspirations, divvy, annihilation, demeanor, hyperbole, remiss, subjugating, redundant, arduous, complement, pandemic, automaton, placates, respite, marginalized, postulated, dengue, cytokine, viable, jettison



# Chapters 100-109

## Summary

In Chapter 100, David tells Kate to wait for him outside and if he is not out of the store in fifteen minutes to find a police officer and tell him a robbery is in progress inside the store. Kate looks at the exterior of Timepiece Trading Company. David said the store is one of a series of Clocktower covert outposts, a backdoor communication to get messages to central. It may still be active, but Immari could be watching or manning the outposts to see if any agents show.

David goes into the store. It is dark inside and crowded with clocks. A man welcomes him. David tells him he is looking for a piece, a Clocktower. He gives the man the coded message to let him know he is an agent. The man tells him to stay here that he may know of such a piece. The man comes back and tells David that the seller would like to speak to him. He pushes David into a dark backroom.

In Chapter 101, the clerk turns on a light over David's head and directs him to the phone. He identifies himself and Howard Keegan comes on the line. He says they have been looking everywhere for him and asks how he is. Howard tells him that Clocktower has fallen, but he is organizing a counterstrike, but a plague sweeping the globe is making them have to race against time. David tells him he needs transport to Gibraltar. Keegan says that is not a problem. He is actually in Gibraltar that is where the counterstrike will take place. The clerk will arrange transport for him. Keegan tells David that he has not been the only one investigating Immari. It has been Keegan's life's work to stop them. He says that he used all of his contact in Immari to help David, but it was not enough. David tells him that he has new information that they can use in Gibraltar.

In Chapter 102, Dorian admires Martin's handy work in setting things up at the Antarctica site. Martin believes they are too exposed and need to take precautions. Dorian says the nations are too consumed by the flu outbreak to worry about unauthorized research in Antarctica. He asks what was found at the sub site. General Kane was not found among the bodies so Dorian believes him to be inside the structure. Martin tells him that it has been seventy-five years and they have had no contact. The man would be one hundred and twenty years old. Dorian thinks Roswell was there way of trying to communicate. It could be a warning. Martin believes that Dorian's obsession with Kane puts them in danger that he needs to clear his head to lead the mission. Dorian tells him his head is clear. He admits he is obsessed with finding Konrad Kane, but anyone would be too if their father had gone missing.

In Chapter 103, Robert Hunt goes back to where he left the other two members of his drill team. They are not there, but there is one snowmobile. He wonders if they have gone on to the site and reported him or if they followed him back to the last site. He tries to turn on the stranded snowmobile, but it is out of gas. He believes that they waited as



long as they could until the gas ran out and with it the warmth. They must have climbed on the last snowmobile and left together.

In Chapter 104, Martin begs Dorian not to send nuclear bombs into the structure in Antarctica. Dorian believes that the Atlanteans will come out of hibernation soon and if they march out the human race is finished. Martin says that he assumes that. Dorian tells him the Bell is simply a bug-zapper to keep the beasts from disturbing their rest. They do not want anyone inside for a reason. He wants to ensure humans survival.

Dorian introduces himself to the two children. They will not talk to him. He tells him they are going a play a fun game. He tells the boys they are going to be put inside a giant maze and they have to find a certain room. It is a room with a lot of glass tubes in it. The tubes are big enough to hold man. If they can find the room and hide in it they win prize. One boy asks what prize. He asks what prize they would like and they answer they want to see Kate. He says that will be their prize if they find the room.

A tech brings in the packs the boys are to carry. He tells Dorian how to activate the bombs and per his request once activated there is no manual or remote deactivation. They set the countdown for five hours. He tells the boys that they cannot take the packs off or the game will be over and there will be no prize and no Kate. He then pins a letter to the tallest boy's chest. It is addressed to 'Papa.' He tells them if they see an older man in a military uniform inside they win the game and to give him the envelope. If they see him they are to run to him and say that Dieter sent them.

Dorian watches from the command center as the boys waddle toward the Bell. The Bell does not react at all. Portal doors open and the boys walk into the structure. A digital readout ticks off the seconds of the countdown.

In Chapter 105, the United States Press Secretary gives a briefing on the 'Flash Flu' outbreak. He gives an address saying that the President and his administration are taking steps to assess the health concern of the 'Flash Flu.' The CDC is dedicating all available resources to assessing the threat. The President will not close the borders because it will adversely affect the American economy and affect many Americans especially those at or below the poverty level than a flu outbreak.

The Press Secretary says the videos on YouTube show the worst because no one would watch anything else. Videos have been uploaded showing a Japanese guy puking blood everywhere and a lady at a grocery store collapsing in the vegetable aisle with white ooze running from her nose and fingernails. He says it is not clear the videos are real. They could be related to any number of acute health issues.

In Chapter 106, Kate and David are in Gibraltar. Kate goes to stand on the porch of the house where they are staying. Guards patrol the grounds of the large house. David looks happy around the dozen other Clocktower station chiefs and agents, the survivors of the fall of Clocktower. They are planning to attack the Immari Gibraltar's headquarters. She leaves the room when the discussion of tactics gets technical.



On the plane ride from India, she and David talk for the first time without guards or hesitation. She tells him about losing her child and that the man disappeared as soon as he discovered she was pregnant. She had left San Francisco for Jakarta a week after the miscarriage and she threw herself into her work and autism research. David told her about his finance dying in the 9/11 attacks and how he was injured and almost paralyzed. He told her about his recovery and dedicating his life to find the people responsible. They decide not to say anything about the journal, Tibet or the China facility until they know more. David is not sure about what is happening.

Agents had swarmed the plane upon landing and they were whisked away to the house. Kate and David had barely said a word since. The door slides open behind her. It is Howard Keegan, the Director of Clocktower. She asks him how the planning is going. He tells her well, but that it will not matter. He tells her that the guards are Immari Security. Tomorrow, the last of the non-Immari agents within Clocktower will die, including David.

He makes her an offer. He will spare David's life for hers. She will leave the house tonight when everyone goes to bed. Howard does not want to kill David he is fond of him. They want Kate badly. She survived the Bell and they need to understand why. She will be questioned and then studied, but David will be spared. Howard tells her that if she is clever in negotiations she may be able to free the children or trade herself for them. The children are being held at the same facility. Kate agrees. They had recordings on the plane. They heard she and David mention the journal. They have been looking for it for a very long time.

In Chapter 107, Robert Hunt sees the snowmobile parked outside the barracks and is relieved. He runs inside to find the men warming themselves beside the wall heater. They explained that they tried to wait, but they were freezing and could not stay. He asks if anyone has called in. They tell him three times on the hour and they are losing patience. Robert asks what the men told them. They did not answer the first call, the second said they were sending backup, they told them he was working on the drill and needed no assistance. They ask what he saw. He tries to tell them he did not see anything. The men tell him that they are not stupid and they know they are not drilling for oil. Robert tells them that he is not sure. He saw monkeys that were killed by something and kids in a glass cage.

In Chapter 108, Kate attempts to jump to the balcony next to hers. David comes out on the balcony and helps her across to his balcony. He sweeps her into his room and onto the bed and they have sex.

Kate sneaks out of David's room when he is asleep. She runs into Keegan outside of David's room. She tells him that she did not tell David. She was only saying goodbye. Thirty minutes later Kate was on a plane headed toward Antarctica.

In Chapter 109, Howard Keegan wakes David. He is alone in his bed. He gives David a note that he says he found in Kate's room. It says that she is trying to make a trade for the children and wishes him luck in attacking the Immari headquarters. It feels wrong to





David. He says he thinks he knows where she went. He tells Keegan that they were given a journal in Tibet. It contains a map of the tunnels below the Rock and there is something down there, something they need. He does not know what it is, but he thinks that she has gone after it to use it in a trade.

David leads the final twenty-three Clocktower agents in the world through the tunnels under the Rock of Gibraltar. He had told the men that he had to go to find Kate and that he might be delayed in joining the assault. The agents agreed to stay together and investigate the tunnels first, recover Kate and then attack Immari headquarters. The warehouse is not guarded or locked although they had been. A lock is found snapped in half. It is thought to be Kate's work. The lack of security makes David suspicious.

There is an electric car system into the mine. The team piles into a dozen cars with Howard and David riding in the first car. There are forks in the tunnel that David did not realize were there. They have to divide their forces to explore the forks and soon only David and Howard are left. They planned to rendezvous at the entrance in one hour. As they travel, they hear rapid-fire pops. They slow the car and wait to discern the direction. They waited, but the tunnels were quiet. They continue the search of the tunnels and then hear more gunshots. They do not stop and reach the room that opens onto the Atlantis structure.

David has a sense of *déjà vu*. Patrick Pierce had also been lured down here under the guise of rescuing someone only to be trapped himself. David leads Howard down the corridors following the mental image he formed of the map. The structure was incredible. David had only half believed the journal, but here it is. The false wall to the chamber is open. David calls out for Kate. She is not there. He exclaims that the journal is true. Howard hits a button that closes the door. Howard tells him that yes it is true. He has read it, but only out of curiosity because he knew what it would say because he was there. Howard Keegan says he is Mallory Craig.

## Analysis

David still believes in the Clocktower; so he turns to them when he needs help. He trusts Howard Keegan who has helped him through rough situations in his past. Keegan gets him to Gibraltar where David believes he and Kate must be.

Martin Grey tries to reason with Dorian about his father. Dorian is obsessed with his father and will do anything to complete his father's mission. Martin believes that Dorian's obsession will put them all in danger. Martin does not believe that the Atlanteans are dangerous, but Dorian thinks that they see the human race as beasts and will destroy the human race. He wants to send a nuclear bomb in the structure to destroy the Atlanteans so that the human race will be safe. He uses the autistic children to complete his plan.

Kate sees the true side of Howard Keegan. He agrees to spare David's life because he likes him and wants him to join the Immari's mission. Kate will do anything to save David





and to save the lives of the children. David is worried when Kate leaves. He trusts Keegan so allows him to lead him into the tunnel to the Atlantis structure. Like Patrick, he is very trusting. He is lead into a trap.

## Discussion Question 1

Why does David Vale trust Howard Keegan? Why is Keegan in Gibraltar?

## Discussion Question 2

Why do David and Kate decide not to tell anyone about Patrick Pierce's journal? Why do they not want to trust anyone with the contents?

## Discussion Question 3

Why does David believe that Kate is in the Gibraltar Atlantis structure? Why does he trust Howard Keegan?

## Vocabulary

intricately, proverbial, emanated, receded, conjecture, extrapolation, escapades, sporadic, boon, rendezvous, guise, quintessential



# Chapters 110-119

## Summary

In Chapter 110, Kate sits on a plastic bench staring at the walls. She is in some kind of lab or research facility, but she has no idea where. Over the South Atlantic Sea, a man had walked back into the plane and offered her a bottle of water. When she declined he held a cloth over her mouth to induce unconsciousness. She paces the room. She stares at the mirror on the wall wondering if this is an observation room. She speaks to the mirror telling them that she did her part and she wants to see the children. A voice over a loud speaker tells asks her what she treated the children with. She wants to see the children first and then for them to be released.

She is told it is not a negotiation. Kate tells them that their drugs do not work on her. A video flicks to life on a part of the mirror that must be a computer screen. The video shows the children walking in a dark hallway. The children pass through a giant portal. The voice tells her that there is a structure here twenty times larger than the one in Gibraltar. The children are inside it. A close-up image zooms in on the packs the children carry as they cross the portal. A LED readout is seen. It is a countdown. The voice tells her that the children are carrying nuclear warheads and they have less than thirty minutes left. He tells her they can deactivate them remotely if she tells them what she gave the children.

Kate cannot image who would do this to children. She cannot trust them and will not tell them. She tells them she needs some time. A few seconds later the door opens. A man wearing a long black trench coat steps into the room. Kate knows him. She sees flashes of expensive dinners, her laughing at his charm, a candle-filled apartment in San Francisco, the two making love and her telling him she is pregnant. She had not seen him after that day until today. He tells her to call him Dieter Kane.

In Chapter 111, David watched the man he knew as Howard Keegan, Clocktower Director who now claimed to be Mallory Craig. He says he is lying that Craig hired Pierce almost a hundred years ago. Craig tells them that they have been looking for the journal almost as long. They knew he sent the journal to the Immaru in 1938, but they were not sure it made it to them. Craig was curious what it would say and how many secrets he would reveal. He asks David if he is curious what deal Patrick made with the Immari and why he stayed after the Spanish Flu killed his wife and unborn child.

David thinks Patrick worked for them because they would kill him if he did not. Craig says that Patrick did not fear death. He would have killed all of them in a blaze of glory. His love of his child was more powerful than his hatred. Patrick was very clever. He knew what the tube was when he emerged from it. They are hibernation tubes, suspension chambers. He put Helena's dead body in one tube and Kane put Dieter in another. Both men became obsessed with medical research. They dreamed of the day



that they could open the tubes and save their loved ones. Kane's obsession led him to attempt to find a way to survive the Bell.

Patrick was working against them and planning something so in 1938 Kane demanded Patrick go into a tube before going on his expedition. They would have killed him except for the journal. They believed upon his death the journals would be released. Kane did not trust Patrick so ordered him into the tube. He demanded Craig go into the last tube. He knew Craig would kill Patrick in his sleep. They would be brought back when Kane returned or in forty years, whichever was sooner. Patrick demanded the forty-year clause. Kane laughed because he never dreamed he would not return from his expedition.

Kane's sub was just found a few weeks ago in Antarctica and Pierce and Craig woke up in 1978. The Immari was practically gone. The Second World War decimated the Immari. The Nazis had taken most of their assets including the Bell. Craig started to rebuild the Immari and Patrick attempted to undermine him. He began by reviving the organization he had founded, Clocktower, the Immari intelligence branch. David says he is lying. Craig tells him that somewhere in the recesses of his mind he had to know what Clocktower was the second he heard how many agents were under Immari control. The cells fell so fast. It was formed to gain the trust of the world's intelligence bureaus to infiltrate them and to ensure that when the day came they would unleash the Atlantis Plague the other agencies would be powerless and utterly blind.

The other purpose of Clocktower was to collect and contain anyone who was on to the Immari master plan. David has been watched since he joined Clocktower to see how much he knew and who he had told. They knew he would not break under interrogation. He believes that David will join them when he learns the full truth. David refuses to listen. He raises the gun and pulls the trigger.

In Chapter 112, Kate shakes her head. She asks him why. He tells her he was just repaying an old debt. It is nothing to what he will do to her if she does not tell him what she treated the children with. She tells him cord blood. A month before she lost the baby, she had embryonic stem cells extracted from the umbilical cord in case the child ever developed a condition that required stem cells. She used them all and there is no more.

In Chapter 113, David pulled the trigger again. Craig removed the firing pin. He knew David would know if the gun was loaded or not from the weight and he had to get him into the tunnel. Craig thinks that he can make David switch to his side. David asks how he could think he would join him after what the Immari took from him. Craig tells that that was Dorian. He planned 9/11. David is amazed that Dorian Sloane is Dieter Kane. Craig tells him that when the tube opened in 1978, Dieter walked out healthy. He watched Patrick crumble with grief when Helena was pulled from the tube still dead. They were able to save the baby. Patrick's daughter is Kate Warner.

In Chapter 114, Kate studies Dorian's face. He grins evilly at her. He tells her that she like her father is not good at reading people. He blames her father for everything.



Patrick killed Dorian's mother and brother and forced his father to undertake a risky mission to save the world, a mission from which he never returned. Dorian has dedicated his whole life to finishing his father's work and to right the wrongs Kate's father did to Dorian's family. Kate has given him the keys to finally do it.

In Chapter 115, David cannot believe that Kate Warner is Patrick Pierce's daughter. Craig says that new names were needed because they could not be connected to the events during and after World War I. Pierce took the name Tom Warner and Katherine for his newborn daughter. He told her that her mother had died in childbirth. Dieter became Dorian Sloane and became obsessed with the past and his father's legacy. He was a hateful child. He dedicated his life to striking back at the people who had taken the ones he loved. Those included Tom Warner and the Atlanteans. To the Immari, he was the heir and savior, living proof that the plague and the Bell could be beaten.

It all went to Dorian's head and he became a monster. He is planning to reduce the human race to a select few, the genetically superior, what he believes is his tribe. He has unleashed the plague. The apocalypse is happening as they speak. He wants David to kill him and then Craig will run the Immari organization on his own. His plan is to take David prisoner and Dorian would want to debrief and torture David himself. Craig will give David a means to kill him so that when they are alone he can kill Dorian. He tells David that Dorian is responsible for 9/11 and he will hurt Kate. Dorian is the father of her baby. Only David can save her.

Craig tells him that the gunfire was his men killing the last of the Clocktower loyalists. David is all alone. The only thing he can do is change things from inside the Immari. David considers this his own deal with the devil. He looks around the room for a weapon. On the other side of the room, a hologram flickered to life. Craig says it is some sort of video holograms on repeat. They play every few minutes. They are the reason he brought David to this room. They think that Patrick had either not discovered the room before he sent his journal in 1938 or nothing worked until he came out of the tube in 1978. They believe he saw the hologram at some point in the seven years after he resumed his work as Tom Warner. He went to great lengths to keep them from the Immari. Craig thinks they are some kind of message.

In Chapter 116, Kate hears a second explosion. She tries the door, but it is locked. She can smell smoke. She has images of the children with bombs on their backs. The door swings open and Martin Grey steps into the room grabbing Kate by the arm and pulling her into the hall. He leads her down a corridor. He has her wait while he goes and tells the guards in the next room that Sloane wants all personnel at the North Entrance. He tells them the station has been breached.

Martin takes her into a control station with a bank of computers and a wall of screens. He tells her to get into a puffy space suit. He apologizes for kidnapping the children. It was because they need them to get past the Bell to get inside the Tombs. They had been attempting to identify the Atlantis Gene that heavily influences brain wiring. The Atlanteans gave it to the humans to enable them to survive, but they were not ready for it. They believe the gene is activated in the fight-or-flight center of the brain. It could be



why humans are thrill seekers and why we are prone to violence. Everyone has the gene, but activating it is the problem. They funded Kate's research because they observed activation in some minds on the autism spectrum.

Kate realizes that Martin is the source that sent David the information. It was a backup plan in case Martin failed. He had hoped that the war for Clocktower would consume Immari and give him time to work. He kidnapped the children to keep Kate out of it. He tried to give her clues when they met in Jakarta. He blames himself for her being part of all of this. He wanted to find a therapy that activated the Atlantis Gene allowing them to enter the Tombs and greet the Atlanteans as they awakened, not as murderers, but as their children. He wanted to ask their help in managing humanity's growing pains and to help with fixing the Atlantis Gene.

Kate has to get their help. She can cross the tombs. He tells her that the journal is her father's. Patrick Pierce is her father. He tells her that her father was a reluctant member of the Immari. He did it to save Kate. Patrick came out of the tubes in 1978 and took the name Tom Warner. Martin was a staff scientist for the Immari and did not like their methods of cruelty. He found an ally in Tom who wanted to stop the genocide. Martin tried to keep Kate safe, but has failed.

Martin tells her she must find the children escort them out and then find the Atlanteans. Kate goes out the airlock and climbs into an iron basket that will lower her into the structure. The basket began its descent into the dark tunnel. She hears a loud explosion then the basket begins to fall. She is free falling. The cable was cut. The basket flips end over end, if the fall does not kill her the shattered steel basket could impale her.

In Chapter 117, David stares at the hologram. A massive ship rising out of the ocean and the Rock of Gibraltar came into view. The rock looks like a pebble next to the ship. The Rock is wrong. It is inland, not on the coast. The land extends all the way to Africa. Europe and Africa are joined by a land bridge. Craig is beside him saying that Plato described it perfectly, a massive island rising out of the sea. They have only found a small piece of the ship.

The ship moves to the shore and stops. There are huts dotting the landscape. A band of humans wearing furs are dragging what looks like an ape man. Two objects fly from the ship. They look like chariots. When they near the fire, the humans bow and face the ground. The Atlanteans dismount and grab the ape man and injected him with something. They take the ape man back to the ship.

Craig tells him that they believe the humans were going to sacrifice the Neanderthal. He thinks that their ancestors considered it their duty to hunt down every man not made in the image of God and sacrifice him. Kane thawed the Neanderthal in the early thirties the moment he had the Bell operational. They even tried to breed humans with chimpanzees. Kane eventually fed him to the Bell. Even countless thousands of years in the tube and he did not survive. That is why they were surprised when Kate Warner did. The tubes only work on the human subspecies. Their theory is that every human has the Atlantis Gene, but it is only activated by a select few. The Neanderthal did not have



the gene so the Atlanteans did not give it to them. Craig says they did not because Neanderthals are bigger and stronger than us and had bigger brains.

An image shows a tsunami rising in the air behind the ship. The wave washed over the ship and into the primitive city destroying it in one violent sweep. The wave carries the ship into the city. The ship is dragged the ship back out to sea and sparks fly as the bottom is skidded against the seafloor. A massive explosion erupts below the ship and it is ripped into four pieces. Craig says they believe it was a methane pocket on the seabed. It exploded with the force of a dozen nuclear warheads.

The image returns to the lab where the Atlanteans are being tossed about. One is slammed against the bulkhead. The other grabs the Neanderthal and hoists him into a tube. He then grabs the other Atlantean and runs through the ship to the room that David and Craig now stand. He works his fingers above the controls and the computers shut down one by one. They believe he activated the Bell as an anti-intrusion device. The man steps to the rear of the room touches his forearm and a door slips open before him. The door was there now, but there was a spear in it.

Craig tells David that they have tried to open the door for hours and cannot. The spear is the Spear of Destiny. The spear stabbed into the side of Jesus Christ as he hung on the cross. The ancients believed that any army that possessed the spear could never be defeated. Hitler had it when he annexed Austria and only lost it a few weeks before Germany surrendered. David grabs the end of the spear. He pulled at it and the door moves slightly. He pulled harder and the spear came free. He lunges through the door as Craig pulled his gun out and began firing.

In Chapter 118, Dorian yells for his men not to shoot, but it is too late as the second man is shot in the chest. The third man falls from shots to the shoulder and abdomen. The gunshots cease and Dorian walks to the last man. Dorian asks him who sent him. The tech says the men are one of their drill teams. They are the team that found the entrance. The man tells him that no one sent them. He saw the children.

Dorian is told that something is happening in portal control. He tells them to secure it and then asks how much time is left for the bombs the children are carrying. It is less than fifteen minutes. He tells them to cut the cord to the basket. It is fitting that Patrick's daughter would die in a cold dark tunnel.

In Chapter 119, David falls to the floor as bullets ricochet off the iron wall behind him. He holds the spear point-forward over his shoulder like a prehistoric hunter to get anyone who emerges through the door. The door does not open. He sits on the floor resting his wounded leg. Once the pain subsides, he begins to explore. There is a room that looks like a control station. David holds his hand over the surface of one of the machines like he saw the Atlantean in the hologram do. Electric pops and shocks tap his hand. He was out of his element. He moves away from the controls and continues to explore.

David reasons that if the Atlanteans ran into this room when the ship was exploding then there had to be an exit or an escape pod. At the end of one corridor, a door slides



open and David steps through. A voice tells him not to move. David says that he is not there to hurt him. David turns and catches a glimpse of a man before he feels the electric prod dig into him and he falls unconscious.

## Analysis

Kate believes that she can use her knowledge to get the children to safety. She thinks because the previous drugs did not work on her that nothing they have will make her tell what she gave the children without her consent. The video of the children entering the structure with bombs strapped to them makes her realize how ruthless these people are. Seeing the man who got her pregnant and then left her, leaves Kate in shock. To find out that this is Dieter Kane, makes her feel ill. She wants to make him squirm the way he did to her so she tells him that she used cord blood on the children and it is all gone. He, however, is intrigued by this discovery. Dorian has dedicated his whole life to trying to destroy Patrick Pierce and his daughter and she gave him exactly what he needs to do it.

David cannot believe that Howard Keegan is Mallory Craig. He believed in Clocktower and what it was doing. He is appalled it is a part of the Immari. He is even more shocked to learn that Kate is Patrick's daughter. He tries to use David's past to get him to join the Immari by telling him that Dorian is responsible for 9/11 so he killed David's fiance. Keegan wanted to bring David into the tunnels so that he could show him the hologram's in the structure and convince him that he needs to join the Immari.

Martin saves Kate so that she can communicate with the Atlanteans to save them from being killed by Dorian. Martin wants to know how the Atlantis gene works and how to activate it in all humans. He seeks knowledge where Dorian seeks destruction. Martin is driven by knowledge, Dorian by hatred, and Kate by her emotions.

## Discussion Question 1

Why does Kate believe that she can save the children? Why is she so important to the Immari?

## Discussion Question 2

Why does David not believe that Howard Keegan is Mallory Craig? Why is he devastated to learn that Clocktower is part of the Immari?

## Discussion Question 3

Why does Martin save Kate? Why does he want her to communicate with the Atlanteans?



## Vocabulary

decimated, appropriated, thwarting, infiltrate, indoctrinated, frivolous, allegations, cognitive, neural, clarify, transgressions, sporadically, precursor, antiquity, refracted



# Chapters 120-129

## Summary

In Chapter 120, the iron basket hurtles down the ice shaft. The basket tips end over end. Kate hangs onto the basket. The basket has overturned pinning her underneath. There is a small opening, but she will have to dig to fit through it. She digs with her hands. Her suit gets caught on the jagged iron mesh. It rips a whole in the suit holding her tight. She gets the suit loose, but the cold is rushing through the hole in the suit. She gets out of the basket, but her legs are growing stiff. She fights to keep her balance. The cold begins to affect her thinking. Kate waddles away from the light. She cannot feel her body. She makes it to a doorway and falls to her knees after entering.

In Chapter 121, Dorian watches Kate fall then get up and wander into the portal. The bell is silent. The countdown clock has a minute thirty seconds displayed. He was sure the fall would kill her, but a nuclear blast was just as good.

Martin Grey demands to be released. Dorian had forgotten he was there. He accuses Grey of being the informant that feed information to Kate and David and contacted the Immaru to save them. Martin denies it. Martin admits he helped Kate escape because he loves her and protecting her is his first priority. Dorian accuses him of having the drill team attack. Martin denies it. He did not even have a way to contact them.

Dorian says it does not matter that he knows how the children survived. Kate treated them with the stem cells from his and Kate's child. The tubes that saved them is the answer. It means that he can walk through the portals as well. When the timer counts down there is no sound of the explosion. He believes the structure to have contained the explosion. He smirks at Martin telling him that two nuclear bombs just went off and Kate did not make it to the children. She suffered too much in her fall to be able to get to them in time.

Dorian tells him that he is going down and will let Martin know if they find any remains. He tells Martin that he has figured out another mystery. It is about the explosion in China. The Bell did not hurt the children who had been treated with the Atlantis Gene therapy. It reacted differently with Kate. It shut down. The Bell recognized her as an Atlantean and it shut down sending a power surge through the grid. That means their child is the first offspring of two Atlanteans, a new breed of human. It could hold clues to human evolution and how humans can continue to evolve.

He did not kill his child. It is in a lab in San Francisco. A science team is extracting the fetus for study. They will have a viable Atlantis Vaccine that they can use selectively. Dorian prepares to go down into the structure. Martin says he knows why Dorian is going down there. He thinks he will find his father. The note he pinned to the children was for his father. Martin tries to reason with him that the Bell is active and his father is



human. He never slept in one of the tubes. Dorian says his father is a god and is not dead.

Martin tries to reason that even if he is not dead. He would be one hundred and twenty-seven years old. Dorian says then he will find his bones, but he will also find Kate's and he will finally complete his destiny. He will remove the Atlantis threat once and for all. His men try to tell him there could be damage from the blast and he should wait. He says he will wait a few hours and that is it. He orders them to lower three warheads after he enters the Tombs and that if anyone besides him or his father emerges to detonate.

In Chapter 122, David opens his eyes and looks around. He was lying on a cot with a gel-like mattress that contoured to his body. David finds a black paste on his chest, shoulder and leg. It smells disgusting. It was repairing his wounds. He tries to stand, but falls back onto the cot. A man tells him to take it easy. It is the man who hit him. He says that he will not hurt David. He assumed that they had sent him to kill him, but he saw his wounds.

The man is in his late forties or early fifties. His face is haggard as if he has not eaten or slept for some time. He believes him to be a soldier or a mercenary. David asks who the man is and what he has done to him. The man tells him the black goo is a kind of nano-paste. They heal anything. He does not know how it works, but it does. He should be healed in a few hours.

David tells the man his name and that he is part of Clocktower, Jakarta Station. The man stepped closer to David and draws a pistol. David tells him that he was working against the Immari and just found out the Clocktower was their organization. The man asks how he found him. David says he was not looking for him. He does not even know where they are. David tells him that he found the chamber because of a journal he got from a monk in Tibet. The man says he wrote it.

In Chapter 123, Kate hears the sound of hissing around her. She still cannot feel her body, but the air is warm. The warmth feels the suit. She was in a sort of decontamination chamber. She takes off the suit. The room is well lit and forty feet wide and twice as long. She walks to the small door at the end of the room. As she walks through, lights pop to life at the ceiling and floor. She hears footsteps moving toward her.

In Chapter 124, David tries to make sense of what the man said. His head is a haze from the nano-paste repairing his wounds. The man is claiming to be Patrick Pierce, the author of the journal. The time line was wrong. He could not be Patrick. In 1917-1918, Patrick Pierce was recovering from wounds suffered during WWI and discovering the Atlantis structure under Gibraltar uncovering the Bell and unleashing a deadly epidemic. In 1918, Pierce puts his wife, Helena and his unborn child inside a tube. In 1918-1938, Pierce becomes an unwilling member of the Immari to protect his wife and unborn child. He is placed in a tube when Konrad Kane embarks on his expedition – first to Tibet to recover artifacts and massacre the Immaru, then to Antarctica to find what he believes is the Atlantis capital city. Kane never returns.



In 1978, After forty years Craig, Pierce and Dieter Kane are awakened from the tubes. Helena is still dead, but the child is born. Pierce names her Katherine Warner. They all take new names. Patrick becomes Tom Warner, Mallory Craig becomes Howard Keegan and Dieter Kane becomes Dorian Sloane. In 1985, Tom Warner goes missing. It would make him fifty-two in 1985 and eighty today. This man was much younger.

Patrick asks how David got down there. He tells him that he was lured into a trap by Mallory Craig. He was told Kate Warner had gone into the tombs. Patrick is confused. He tells David that Kate is a six-year-old girl. David tells him that Kate is a genetics researcher and definitely not six years old. Patrick says that is impossible. He has only been down here a month.

In Chapter 125, Kate sees Adi and Surya run around the corner and they run to her. She bends to hug them, but the boys barely stop. They tug at her urging her to follow. They say someone is coming.

In Chapter 126, Dorian looks at the mangled basket. It had fallen on top of and beside Kate, but the basket had shielded her. It was a shame. He walks to the portal. He stops under the Bell and he smiles. The wicked device that killed his mother and brother instantly is silenced. The portal opens and he walks through it.

In Chapter 127, David tells the man that the year is 2013. He does not believe him. He shows him a watch that reads Sept. 19th 1985. David shows him a picture of the iceberg with the sub sticking out. The man knows that they did not see such a picture in 1985. He asks if it is Kane's U-Boat. David tells him that they think they found it a few weeks ago. He tells the man that he is confused too and they should work together to figure out what is going on.

He was able to get the door open, but has been stuck here. He has found nothing else. He has not been able to get back through the door. The entire place is waking up since David's arrival. More machines are working and doors open that previously wouldn't move. David tells him that he knows he is not Patrick Pierce or Tom Warner. He would be eighty.

Patrick tells him that time moves slowly here. A day here is a year outside. He thinks it has something to do with the Bell. It is a sentry device to keep non-Atlanteans out but it also creates a field in a sort of time dilation bubble. David says that the Bell is gone why would there still be a field. He thinks that when the ship in Gibraltar exploded the Atlanteans were trapped in the section that broke off. He thinks that the door they went through is a portal to another ship. He doesn't think they are in Gibraltar.

In Chapter 128, the boys tell Kate that they have to hide. They say there is no time. Time makes Kate spin the boys around and look at the digital readout. Three and a half hours left. Martin had told her that there was less than thirty minutes before detonation. Behind her a set of double doors opens.

In Chapter 129, Dorian slips the suit off and surveys the room. It looks like a decontamination center. The door opens as he approaches and he steps into the



corridor. It is another Atlantean city. The place looks untouched by a nuclear bomb making him wonder if the Atlanteans caught them and disabled the bombs. He hears boots marching striking the iron floor in unison. He draws his sidearm and moves into the shadow of an iron beam.

## Analysis

Dorian is upset when Kate does not die in the fall. He wants to see her die a horrible death for what her father did to his family. Dorian has no use for her since he knows what she gave the children. He is impatient to get into the structure because he has discovered that Kate is seen as an Atlantean because of her time in the suspension tubes, which means that he will be also. The Bell will not affect him. He can go into the structure to find his father, even if it is just his bones. He does not care about the danger.

David wakes up in the secret chamber with a man in his fifties claiming to be Tom Warner/Patrick Pierce. David does not believe him because of the time difference. As a soldier and not a scientist, it is difficult for him to believe in the time distortion of the chamber and in the suspension tubes. How can a man around in 1918 look fifty years old in 2013. It is confusing to him. It is also confusing to Patrick Pierce who believes he has not been away from his six-year-old daughter for long, but finds out that she is a grown woman. He does not want to believe that he missed most of her life.

## Discussion Question 1

Why does Dorian have his and Kate's fetus? Why is it important to the Immari's research?

## Discussion Question 2

Why is Dorian so impatient about going into the Atlantis structure? What does he think he will find there?

## Discussion Question 3

Who does David find in the secret chamber of the Gibraltar structure? Why will he not believe the man's identity?

## Vocabulary

delusional, implications, incapacitated, displacement, suffice



# Chapters 130-139

## Summary

In Chapter 130, Kate peers into the room. There are dozens of glass tubes standing on end like the one her father described in the journal. Each contained an ape or a human. All the missing links in human evolution collected and cataloged. They were all colors, black, brown and pale white. Scientists could spend a lifetime in this room. The boys follow her into the room and the doors shut behind him. The door to the room starts to open.

In Chapter 131, Patrick Pierce keeps his hand on his pistol and he watches David. He does not trust him. His mind drifts back to the day the tubes opened and he reached out to touch his wife. When he felt her cold skin, he dropped to his knees, tears running down his face. Craig wrapped his arm around him and Patrick threw him to the floor punching him. Dieter Kane cowered in the corner. Craig got to his feet grabbed Dieter and fled from the room.

Patrick wanted to bury Helena with her family, but Craig would not allow it. He tells Patrick that they need to change their names. Patrick thinks about Kate and how he was not a good father to her. The minute he held her in his arms, he dedicated himself to dismantling the Immari threat and unraveling the mysteries of Gibraltar and the Bell so the world would be safe for her. He had failed. If Vale is telling him the truth, the Immari are stronger and he had missed Kate's whole life.

Patrick asks what Kate is like. David tells him she is amazing, incredibly smart and extremely strong willed. For Patrick it has only been a few weeks since he said goodbye to her in West Berlin. It is hard for him that his daughter grew up without a father. Patrick does not like to hear David talk about how amazing his daughter is. David notices that Patrick is walking fine. He said his time in the tube in 1918 fixed him up. He thinks the machines did something else because when he came out in '78 he could work the machines. It believes that is why he could go through the portal, but he does not understand why David could. David tells him that he was wounded in Tibet and Kate had to give him blood and that could be why.

Patrick is not surprised that Dorian has joined the Immari. He says he was evil at fifteen. They make it to a chamber and there are rows of long glass tubes stacked to the ceiling higher than they can see. They stretch for miles into the distance. Each tube contains a body. They look human and fog in the tube is changing clearing. They wonder if they are awakening. They hear footsteps coming.

In Chapter 132, the double doors slid open and Kate fought to hide her surprise when a man wearing a Nazi military uniform entered. He halted and stood his eyes slowly taking in Kate and the children. Kate puts herself between him and the children. Kate greets him as Konrad Kane.



In Chapter 133, Patrick and David listen to the footsteps in the dark. They do not know where they are. Patrick has not been in this place before. There are tubes hanging in bunches on metal racks. It is a giant hibernation vessel. The door in Gibraltar is a portal to Antarctica. The Immari believe that the Gibraltar is a small outpost for the Atlantean Homeland, which they assumed was under Antarctica. They believe that Atlanteans are hibernational super humans waiting to return north and retake the Earth when the weather suits them.

The footsteps are coming toward them. They decide to wait to see if the person is friendly or Immari. They hide amongst the tubes.

In Chapter 134, Dorian watches the Nazi soldiers march past him. His father could be alive. He steps out and tells them his name is Dieter Kane. They aim their guns at him. Dorian is upset. He tells them he is Konrad Kane's only surviving son and they will lower their weapons.

In Chapter 135, Konrad Kane asks Kate who she is. She tells him she is lead scientist on a special Immari research project to find him. He believes he has only been here less than three months. A soldier comes rushing in to tell Kane that they have found something and more people. Kane takes the children with him as he leaves the room.

In Chapter 136, the men will not listen to Dorian. They hold him at gunpoint. Dorian hears footfalls and knows it is his father. He barely remembers him. He remembers him as the man who tucked his sickly body into a glass coffin and saved his life and will save the world. Dorian wants to embrace his father and tell him how he saved him as he saved Dorian almost a hundred years ago. His father knows that time is slower in the structure. Dorian wants to show his father that he is smart enough to solve the mystery as well.

Kane tells him that they have found their hibernation chamber. He says that the Atlanteans are not what they think they are. The truth is more bizarre than they imagined. Kane says they will use the bomb in the tombs. Dorian tells the boys that they are going to play another game.

In Chapter 137, David watches two Nazi soldiers wonder deeper into the tombs gawking at the tubes. They are members of the Nazi Navy. They would be very skilled at hand-to-hand combat. Surprise was imperative for him and Patrick to take them down. They crouch between two tubes in the chamber. Patrick and David fight the soldiers. David cracks one soldier's head on the iron floor killing him. Patrick questions the other man when they get him subdued. He then slits his throat. Patrick sustained a chest wound. David takes the black goo from his healed chest and shoulder wounds and wipes it into Patrick's wounds.

Patrick says there is no question that they are in Antarctica. He says if Kane gets in the chamber it will be genocide and that is bad news for the human race. They scavenge weapons from the dead men's bodies. David asks if the men saw anyone else. He says the men have been here three months, which makes sense if they arrived around 1938





since it is a year per day and a month for every two hours. They had just found the chamber and a man had gone back to report it.

In Chapter 138, Dorian holds the children by the shoulders as he marches by his father. He and his father are reunited on their way to finish their great work to save the human race. Gunshots ring out.

In Chapter 139, David shoots the two guards standing at the doors to the tombs. Another guard rounds the corner spraying bullets. Patrick shoots him. David peeks his head around the corner and a gunshot whizzes past his head. Patrick covers him as David steps into the corridor. David shoots him. That makes four down so five plus Kane left. They take positions on each side of the double doors the soldier had come from. Patrick gets the door open revealing a room with twelve glass tubes holding ape-men.

Kate is hiding behind the control station. David moves toward her. Kate sees Patrick and turns from David to her father. Kate embraces him. Patrick is amazed at how much she looks like her mother. For Patrick, only a few weeks have passed since he saw his young daughter. She wants to know how they got there. Patrick tells her that the chamber in Gibraltar is a portal to Antarctica.

Kate tells them they have the children and they are carrying backpacks with nuclear bombs. David believes they will set them off in the chamber with the tubes. Kate demands to go with them and to have a gun. David gives her a Luger and instructs her on how to use it.

## Analysis

Patrick does not trust David. He has learned from past mistakes that he is not the best judge of character. Patrick was devastated by the death of his wife, especially when he had to experience it a second time when they opened the tube in 1978 to find her still dead. The only bright spot was that his daughter survived. Craig took over and would not let him bury Helena and made them all change their names. Patrick vowed to bring down the Immari no matter the cost so the world would be safe for his daughter. From David, he discovers that it is not safe and she is in danger from the Immari. He, like any father, does not like to hear David speak so intimately about his daughter.

Dorian is excited to see the Nazi's soldier's and tells them that he is Konrad Kane's son. He wants so much to see his father who he has not seen in almost a hundred years. He wants his father to be proud of him. He is like a small child wishing for his father's approval. Kane is a hard man and does not offer praise. The Nazis have found the Atlanteans hibernation chambers and Dorian proudly tells his father that he has the means to destroy them.

Patrick and David pass into the Antarctica structure by a portal in the Gibraltar structure. They have to find a way to stop Kane from destroying the hibernating Atlanteans as he set out to do in 1938. The men come upon Kate who tells them that the children are



carrying nuclear bombs with a timer. Time is slowly running out for them to save the Atlanteans from genocide.

### **Discussion Question 1**

Why is Patrick Pierce so desperate to bring down the Immari?

### **Discussion Question 2**

How has the time distortion affected the Nazi crew? Why are they not dead?

### **Discussion Question 3**

Why is Dorian so desperate for his father's approval? What kind of man is Konrad Kane? Does he give his son praise? If so, give an example.

### **Vocabulary**

revelations, differential, imperative, meandering, adjacent



# Chapters 140-149

## Summary

In Chapter 140, Dorian has five soldiers with him. He sees the two dead soldiers in the corridor and stops to examine the scene for danger. He tells the children not to pay attention to the soldiers that they are playing dead. He tells them that it is time for the race and they must run as fast as they can and the first on to the end of the room gets a huge prize.

They shove the children through the doors as the first shots ring out. Two men fall instantly. Dorian covers his father, but he is shot in the arm. It is only a flesh wound. Dorian tells him to go out the way that he came in because one of them must get out of there. He will finish them off and join his father. He watches his father clear the corridor and smiles once he knows he is safe.

In Chapter 141, Patrick, Kate and David are searching for the children, but the soldiers are impeding them. David says he will keep the soldiers busy, while Kate and Patrick get the children. Kate protests, but David is adamant. Patrick has a plan for the bombs.

In Chapter 142, Kate follows her father through the tombs looking for the children. She calls to them when she sees them. They stop running and she runs to catch up with them. Their packs read thirty-two minutes. They run from the tombs and back in the corridor. She hears automatic gunfire from the direction they had come. David is fighting for them all by himself. She wants to go back, but she has to save the children and something must be done about the bombs.

In Chapter 143, David hears Kate shout for the children. The soldiers take off into their massive chamber. David cannot let them reach Kate. He grabs a sub machine gun from a fallen Nazi and fires on the two running men killing them. A soldier peeks around the corner and David catches him in the head. There is only Dorian left. He hears the doors shut behind Kate, Patrick and the children.

David turns down the corridor to follow them. Dorian shoots him several times hurling to the floor. He walks to David and turns him over. David pulls the trigger of his pistol twice watching the bullets rip through Dorian's face. A smile crosses David's lips as he blows out his last breath.

In Chapter 144, Konrad puts on a suit and helmet and goes through the portal doors. He sees a massive ice cathedral similar to the one he crossed to him three months ago, but was seventy-five years ago to the outside world. The Bell on the other side of the structure was turned off, but they turned on the Bell from the inside by messing with the control panels. They downed a weather satellite in New Mexico and this triggered an anti-intrusion routine. It locked them out of the computers and activated the Bell, killing the men on the sub.



None of the computers worked since until today. He wonders if the Bell here is active or if it only attacks people entering and not exiting. He takes a tentative step out of the decontamination chamber. He sees a metal basket hanging from a thick cord. He has an escape route. As he clears the portal doors a loud rumble reverberates through the space and echoes in his suit to his bones.

In Chapter 145, Kate takes the pack off Adi's back. There is one minute fifty-three seconds left on the timer. The black goo is still eating away at the straps on his backpack. Patrick pulls the straps from Surya and shoves the boy toward Kate. He says that he will take care of the bombs. He tells her that when the Atlanteans left the Gibraltar structure they set the portal to be a one-way escape hatch so that is why Patrick cannot go back. It will let pure Atlanteans through. Kate was incubated in the suspension tube so it should work for her. She must leave the portal open so that Patrick can follow. He plans to use the bombs to close the portal so that the Immari will not be able to enter the Antarctica structure.

She will have six hours to get as far away as possible. A minute in Antarctica is three hundred and sixty minutes there. He tells her that he tried to protect her and her mother. Kate tells him that she read his journal and understands. They tell each other that they love them. Kate grabs the children and runs through the door.

In Chapter 146, Konrad feels sweat form on his forehead as the thumping of the Bell grows louder. An image appears on the glass in his helmet. A gray-haired man is sitting in an office with an Immari Flag behind him. Konrad recognizes Mallory Craig. He tells Konrad that there is a syringe sitting on the basket and he needs to inject himself. He asks what is in the syringe and Mallory tells him something they are working on. Konrad asks him to just take him up in the basket. Mallory insists that they cannot take the risk.

Blood begins to run down his face as the Bell beats louder. He plunges the syringe through the suit into his arm. His arms begin to bleed and he feels strange and weak inside. He asks what Mallory did to him. Mallory sacrifices Konrad because he put him in a tube for forty years and made him play second fiddle to him for years. They are getting data from his suit. It should be all they need. Mallory tells him that they have a fetus with sustained Atlantis Gene activation. It is Kate and Dieter's child. They need a genetic sample from one of their parents. They also wanted to test it as the Bell attacked. Konrad spits blood and falls on his face.

In Chapter 147, Kate holds her breath as the portal door slides open. It is just how her father had described it. A guard is leaning on a stool reading a magazine. He grabs his rifle and tells her not to move. He reports that he has Kate and the boys and requests assistance. Two more guards enter the room and pat them down.

In Chapter 148, Mallory Craig paces his office waiting for news. An agent enters telling him that they received the biometric data from Kane's suit. Dr. Chang says he needs the body and Craig says to get it for him. He asks about Gibraltar and is told that they have Kate and the children. Mallory asks if anyone else has come out. He is told no. Mallory



writes a letter and tells the man to deliver it. The agent is told to hold Kate at the site in Gibraltar that they will need to interrogate her. He orders the guard tripled on the room.

In Chapter 149, Kate holds the boys close to her as they follow the soldiers down a series of corridors. A voice yells stop and the guards turned toward the man. Martin Grey tells the men that he will take Kate from here. The soldiers say no. They have orders from Chairman Craig.

Kate is surprised by Martin's appearance. His hair is wild and unkempt and he looks like he has not shaved in months. His appearance is in sharp contrast to the clarity and softness of this voice. Martin says he understands, but asks if he can see the children. It is a research request, something that is urgently needed. He steps forward and kneels gathering them in his arms and holding them close to him, covering their eyes and ears from the sight and sounds of gun shots.

## Analysis

Dorian uses people to get what he wants. He attempts to use the children to bomb the Antarctica structure. He has no qualms about their deaths. He only cares about his father. No one else's life seems to matter. Dorian and his father are driven by evil and hatred.

Kate, Patrick and David care about others and want to save the children and the Atlanteans. They are driven by doing what is right and love. Lives are precious to them and they will not have them sacrificed without cause.

Konrad Kane only worries about getting out of the structure. He leaves his son behind to handle everything. Kane believes that he is the all important member of the Immari and that he should survive. Craig shows him that he is a heartless man who killed countless others to achieve his goals. Craig will be the head of the Immari with Kane gone.

## Discussion Question 1

How did Konrad Kane and his men get past the Bell to get into the Antarctica structure?  
How did they bring down the weather balloon in Roswell?

## Discussion Question 2

Why are the children running through the corridors? What are they looking for? Why?

## Discussion Question 3

Why will Craig not save Konrad Kane from the Bell? What does he say to Konrad about sacrificing one's life for the Bell research? Why is it important?

## Vocabulary

corralled, tentative, reverberated, nonchalantly, enamored, biometric



# Chapters 150-Epilogue

## Summary

In Chapter 150, the soldiers guarding Kate collapse, and Martin grabs the children. They race through the corridors. She tells him that a nuclear bomb is coming through into the room in less than two hours. The soldiers with Martin lead the way through the corridors that end in a round room that is man made. In the middle of the room, a steel ladder leads into a large round pipe. Kate asks Martin what is going on and what happened to him. He tells her he has been waiting her hiding for almost two months hoping she and her father would come out. He tells her to get into the submersible because Craig is probably on his way.

In Chapter 151, Patrick steps through the portal into the control room. There are a dozen guards and Mallory Craig waiting for him. Patrick is glad to see him. Craig instructs a man in a white coat to take a sample of Patrick's blood. Patrick raises a pistol to stop him. He tells Mallory that he guesses it is true that the meek shall inherit the earth. He then asks him if he can withstand a nuclear blast or two.

In Chapter 152, Kate, Martin, the children and Martin's men enter into the submarine. They head out into the Atlantic watching their speed so as not to be noticed. The wind is cool and Kate wonders how long she has been in the tombs. She asks why there are not any lights in Gibraltar. Martin tells her it has been evacuated because it is a Protectorate of the Immari Imperium. Kate has been gone for two months and everything has changed. She thinks she sees lights in North Africa, but it is a plague barge. He calls it the Atlantis Plague.

Martin had hoped to see Patrick, but knows that this is the end he would have liked. He tells her that Patrick blames himself for Helena's death and for leading the Immari into the city of Atlantis. A death saving his daughter and the Atlanteans, while keeping the Immari out of the structure in Antarctica is a fitting death for him. Kate watches the blast before the submarine dives.

In Chapter 153, a lab tech walks into Dr. Chang's office. They have received data from Gibraltar. They never got a sample from Pierce, but Craig left a letter. He did not let Patrick bury Helena's body. She is in a locker. They are running the sample through the simulation with the fetus and the data from Kane. They have found the Atlantis Gene.

In the Epilogue, David wakes up in one of the suspension tubes. His chest and shoulder wounds are gone. The scars on his arms and chest from the 9/11 attacks are gone, too. He looks around at the other tubes and see Dorian Sloane in one of the tubes.





## Analysis

Martin Grey has always been trying to protect Kate. He is working to bring down the Immari because he does not believe in their tactics. Humanity is what he believes to be important not killing a race who has never threatened humans, but saved them from extinction. He does not believe in the fear of the Atlanteans and what they can do, but what they can offer the world. He risks his life in order to attempt to save Kate and the children. Patrick has not been fully alive since the death of his wife. He relishes the chance to take down Craig and he hopes destroy the Immari.

The Immari does not give up, however. They will not stop in their goal to find the Atlantis Gene and they do. The Immari will stop at nothing to destroy and the Atlanteans will help those they feel need it. David and Dorian are both put in tubes in the Atlantean structure. The needed help and they were given it no matter what they had done or who they were.

## Discussion Question 1

What does Patrick Pierce carry the nuclear bomb into the facility on Gibraltar? Why is he happy to see Mallory Craig?

## Discussion Question 2

Why does Martin Grey help Kate and the children escape? Why does he want to see Patrick Pierce again? What is his connection to Patrick Pierce?

## Discussion Question 3

How long has Kate been gone? How has the world changed?

## Vocabulary

understatement, submersible, unkempt, sonic, simulation, distorted



# Characters

## Dr. Katherine Warner

Dr. Katherine Warner is the daughter of Patrick Pierce and Helena Barton. She is told her mother died in a car accident and that her father died in 1986, but she discovers that her mother died in the Spanish Flu epidemic of 1918. Kate survived when Patrick put his wife in one of the Atlanteans hibernation tubes. Kate was unborn inside of her mother and was kept alive inside the tube until 1978 when her mother's body was removed from the tube. Helena died, but her unborn child lived.

She went on to become a doctor and focused on Autism research. She moved to Jakarta, Indonesia after she lost her baby and had to get away from the memories that San Francisco held. Kate learns that the man who got her pregnant was Dorian Sloane/Dieter Kane and he only did so to revenge himself against her family. He blames her father for the death of his own family. Kate is greatly affected by the loss of her child and uses the cord blood from her baby to help in her Autism research. This leads to the activation of the Atlantis gene in the children because Kate was sustained in the Atlantean tubes until she was born and is seen as an Atlantean.

Kate is unwillingly thrown into the world of the Immari. She wants only to save the autistic children who were kidnapped by the Immari. She, however, holds the key to the Atlantis gene and the Immari need her research to figure out how to activate it. Kate is able to not only withstand the Bell, but to destroy it and is seen as the ultimate prize by the Immari.

Kate is helped by David Vale. Together they attempt to save the children and bring the Immari down to save the human race. They fall in love in the process. Qian tells Kate that she is the one who will save the human race. She does her part by saving the children and keeping the nuclear bomb from destroying the Atlantis site in Antarctica.

## David Vale

David Vale is a senior agent in Clocktower, a counter intelligence agency. He was injured in the 9/11 attacks. His fiancé was killed in the attack. It has made him obsessed with who is responsible for the attacks. He believes that the Immari Corporation is behind most of the terrorist attacks in the world. He has joined Clocktower to help him research the Immari and bring them down.

David does not know that Clocktower is actually a part of the Immari and is surprised and disappointed when he learns that his mentor Howard Keegan is a ranking member of the Immari and has been since the early 1900's. Seeking the truth about the Immari, leads David to help Kate Warner get out of jail and attempt to save her from the Immari who are bent on capturing her. He loses her to the Immari, but is able to rescue her. The two quickly bond and form a relationship each taking turns saving the other person's life.



David is seriously hurt at the China facility, but Kate saves him and he wakes in the monastery where he had recovered before when he was left for dead in the desert by Dorian Sloane. He had been looking into the 9/11 attacks and saw that the Immari were particularly interested in the Afghan deserts. Sloane left him for dead and David found refuge in the monastery.

David is betrayed by Keegan who offers him a place by his side in the new Immari order. David refuses and enters a door no one has been able to figure out how to open. He finds Patrick Pierce and together they pass through a portal into the Atlantean structure in Antarctica. David sacrifices himself so that Patrick and Kate and get the children to safety. Sloane shoots him several times. David wakes up in one of the Atlantean hibernation tubes.

## **Dorian Sloane/Dieter Kane**

Dorian Sloane/Dieter Kane is the son of Konrad Kane. He is obsessed with finding his father and avenging his family against Patrick Pierce/Tom Warner. He blames Patrick for the death of his brother and mother and her unborn child. He joins the Immari to search for his father and to gain his father's approval. Dorian/Dieter wants to be just like his father. He is the head of the Immari because the members trust him because he is Konrad's son.

Dorian/Dieter gets Kate pregnant and takes the dead infant to hurt her like Patrick hurt Dorian/Dieter by killing his family. He wants to kill the Atlanteans because he believes they are a threat to the human race. He has a nuclear bomb fitted so that the two children can carry it into the Atlantean structure and kill the Atlanteans before they awaken. His great obsession, however, is finding his father. He is happy to see his father still alive and wants to impress him. Dorian/Dieter sacrifices his life to save his father. He is put in a hibernation tube to save his life.

## **Howard Keegan/Mallory Craig**

Howard Keegan/Mallory Craig is part of the Immari. He convinces Patrick Pierce to join the mining project that the Immari have in Gibraltar. They are searching for Atlantis. When Patrick leaves the project when his wife becomes pregnant and he thinks it is too dangerous for him to continue, Mallory tricks him into returning to the mine so that Rutger can attempt to kill Patrick in a cave in. This does not work. Konrad puts Mallory and Patrick in the hibernation tubes so that they will not take over the Immari while he is away on his expedition to Antarctica. They awake in 1978 to find that the Immari is weakened. Mallory changes his name to Howard Keegan and attempts to rebuild the Immari. He creates the Clocktower to infiltrate all the intelligence agencies in the world without anyone knowing that it is a terrorist agency.

Keegan builds the trust of David Vale. He likes David and wants him to join the Immari. Keegan's plan is to take over the Immari and he wants David to help him do this. Keegan has always played second fiddle to Konrad Kane or his son and he wants to



make the Immari more powerful. Keegan kills Konrad Kane to take over the organization. Keegan is killed by Patrick Pierce will brings a nuclear bomb from the Antarctica site to the Gibraltar site in an attempt to save the Atlanteans.

## Patrick Pierce/Tom Warner

Patrick Pierce is a coal miner from West Virginia, who signs up to fight in World War I. He is wounded in the leg when a tunnel collapses on top of him from a tunnel dug by German soldiers. He is shot in the leg and sent to the hospital in Gibraltar to recover. There he meets a nurse named Helena Barton. He saves her from being raped by drunken soldiers and she takes him home with her and becomes his personal nurse. When Patrick wishes to get a job she sets up a meeting for him with friends of her father's, Lord Barton. Konrad Kane and Craig Mallory wish Patrick to mine for them. He resists until Lord Barton tells him he will let Helena marry Patrick if he works for them. Patrick accepts the job and lies to Helena that he works in Immari's shipping office rather than in the mine. He works with Rutger Kane, Konrad's son, who resents his presence and believes that he should be in sole charge of the mining project. The Immari are obviously looking for something rather than mining any certain substance.

Helena becomes pregnant and the mining project becomes too dangerous for Patrick. He refuses to mine any longer. The Immari set a trap for him. They have found a strange room with tubes containing fog and one has an ape-like man in it. Patrick is trapped in this room by a rock slide. Somehow he triggers the Bell, which is an alarm system for the facility. Patrick manages to save himself and get out of the mine. He finds that Rutger has been killed by the effects of the Bell and that an epidemic, referred to as the Spanish Flu is ravaging the world and killing innumerable people. Helena is one of the victims. Patrick makes a deal with the Immari to save his wife and child. He continues to work for them. Helena is placed in one of the hibernation tubes. Patrick himself is placed in a tube in 1938 while Konrad Kane is off on an expedition to Antarctica. He and Helena are in the tubes for forty years and are finally taken out in 1978. Unfortunately, Helena is still dead, but the baby she carries is still alive. The baby is born, Patrick takes a new name, Tom Warner and gives his daughter the name of Katherine. Patrick still works for the Immari, but also against them. He keeps a journal, which he eventually gets to the Immaru in China, which is later passed to his daughter, Kate. Patrick disappears while researching the Gibraltar Atlantean site and Kate is told he is dead. He is actually trapped on the Atlantean ship where time passes more slowly and he believes he has been gone a few months instead of thirty years. Patrick meets David and they make it through a portal to the Atlantean ship in Antarctica. When there they rescue Kate and the two Indonesian children. Patrick helps Kate get the kids to safety, detaching the nuclear bombs from them. He cannot believe that his daughter is all grown up since he still believed her to be six years old. He sacrifices his life to save Kate and detonates the bombs destroying the Gibraltar site once she has reached safety.



## Martin Grey

Martin Grey is a scientist who works for the Immari. He raised Kate after her father disappeared. He pretends to believe the Immari party line, but is actually working against them. He believes that the Atlanteans are not the enemy, but will help secure the future of the human race. Martin tries to warn them of the impending danger of the Immari and believes that Kate is the only one who can help save the Atlanteans and the human race. He worked with Patrick before he disappeared and believed in his cause to bring down the Immari.

## Konrad Kane

Konrad Kane is a member of the Immari. He, along with Craig Mallory, try to recruit Patrick Pierce to mine the Gibraltar site. His abrasive personality causes Patrick to turn him down. Konrad has made a contract with Lord Barton, Helena's father, that his son, Rutger, is to marry Helena. Kane has two sons. Rutger is the oldest and Dieter is the youngest. Konrad becomes part of the Nazi army and in 1938 sets out for Antarctica to find the base of the Atlantians. He goes missing for the next 75 years. He is found in the Atlantean structure in Antarctica by Kate Warner and his son Dieter in 2013.

## Rutger Kane

Rutger Kane is the son of Konrad Kane. He has been in charge of the mine before Patrick Pierce is brought in and, thus resents his presence. It had also been a long standing agreement between Konrad Kane and Lord Barton that Helena would marry Rutger, but she married Patrick instead. When the Immari decide to get rid of Patrick Pierce since he refuses to dig any further Rutger lends a hand in setting a trap for Patrick in the mine. They trap Patrick in the Atlantean room they have discovered cutting off his escape with a rockslide. Rutger assures Patrick that he will take good care of Helena and Patrick's unborn child. When Patrick accidentally triggers the Bell, Rutger is one of the first one's killed.

## Lord Barton

Lord Barton is Helena's father. He is part of the Immari and using Helena as a go between he sets up a meeting between Patrick Pierce, Konrad Kane and Mallory Craig. Lord Barton does not want Patrick to marry his daughter Helena even though she is in love with Patrick. He has already promised her to Rutger Kane. When Patrick refuses to work for the Immari in their mine, Lord Barton is forced to agree to the marriage in order to get Patrick to comply. He is killed by the Spanish Flu when the Bell unleashes the sickness upon the world.



## Helena Barton

Helena Barton is a nurse in Gibraltar during World War I. She nurses Patrick Pierce when he is brought to the hospital for a leg wound. When Patrick saves Helena from some drunk soldiers who are trying to rape her she begins to nurse him privately in her own house. They spend a great deal of time together and eventually fall in love. Helena comes from a very wealthy family, but she is not interested in a life of wealth and pleasure. She wants to marry for love instead of for her family's benefit. Through her father she introduces Patrick to Konrad Kane and Mallory Craig, who offer him a job in a mine. She does not want Patrick to take the job. He does not until her offer refuses to give his consent to Patrick marrying Helena. Lord Barton knows that Helena will not marry Patrick without his consent. Patrick agrees to do the job, but keeps it a secret from Helena. They get married and Helena becomes pregnant. Before the baby is born Helena becomes a victim of the Spanish Flu and dies. Patrick makes a deal with the Immari to try to save her. He places her one of the Atlantean hibernation tubes, but when Patrick awakens from his own hibernation decades later Helena is still dead. Their daughter is alive, though.

## Qian

Qian is an elderly monk that Kate Warner talks to at the monastery they are taken to when rescued from the Immari train in China. He is very elderly and has waited seventy five years to hand over a journal in his keeping. When he was a young boy his monastery was attacked by Nazi's and almost all of the monks were killed. He was given the journal by one of the soldiers. He has kept it safe. He finally passes it on to Kate, who reads it to an unconscious David as she awaits his recovery from his gunshot wounds.

## Milo

Milo is a young monk at the monastery in China where Kate and David stay while recovering from their adventures at the Immari Complex. Milo helps Kate treat David's wounds and also takes her to visit the elderly monk, Qian. David is already known to Milo since he had been at the monastery before while with the CIA as Andrew Reed. He was recovering from gunshot wounds at that time as well. Milo is given a secret project by Qian and it is only revealed when the Immari find the monastery and attack it. He has been busy making hot air balloons that blend in with the surroundings so that the Immari attack drones cannot see them. Milo helps Kate escape in one of the balloons, but sticks with David as he tries to take out the drones. David eventually has to jump into a balloon with Kate and urges Milo to get away. They do not see him after that.

## Adi

Adi is an autistic Indonesian boy, who is chosen as part of Dr. Kate Warner's research group of a hundred children. He lives at the Autism Research Center with the other children and nannies who care for them. Adi is one of the few children who begin to respond to the treatment Kate administers to them. He becomes less withdrawn. Adi along with another boy, Surya, are kidnapped by the Immari since they are believed to have the Atlantis gene they seek. They are taken to China where they survive a session with the Bell that no one else in the room does. Dorian Sloane, head of Immari security, gets the children and straps nuclear bombs to them. He sends Adi and Surya into the Atlantean ship in Antarctica hoping the bombs will blow up and kill the hibernating Atlanteans. The little boys are rescued by Kate, David Vale and Kate's father Patrick Pierce. The boys, along with Kate escape to the Gibraltar site where they are safe.

## Surya

Surya is an autistic Indonesian boy, who is chosen as part of Dr. Kate Warner's research group of a hundred children. He lives at the Autism Research Center with the other children and nannies who care for them. Surya along with Adi is one of the few children who begin to respond to the treatment Kate administers to them. He becomes less withdrawn. He is kidnapped along with Adi. The boys are taken to China where they survive a session with the Bell that no one else in the room does due to their possession of the active Atlantis gene. Dorian Sloane, head of Immari security, gets the children and straps nuclear bombs to them. He sends Adi and Surya into the Atlantean ship in Antarctica hoping the bombs will blow up and kill the hibernating Atlanteans. The little boys are rescued by Kate, David Vale and Kate's father Patrick Pierce. The boys, along with Kate escape to the Gibraltar site.





# Symbols and Symbolism

## Journal

The Immari gave Kate Warner a journal written by American soldier Patrick Pierce. It recounted his dealings with the Immari and the finding of the Atlantean ship in Gibraltar.

## Antarctica

Antarctica is where the Immari discovered the largest portion of the Atlantean ship. The ship was hidden under an iceberg and the team had to drill through the ice to find the entrance.

## Jakarta, Indonesia

Jakarta, Indonesia is where Dr. Kate Warner had her Autism Research Center and the division of Clocktower where David Vale was assigned.

## Gibraltar

The Immari discovered a part of the Atlantean ship in Gibraltar. They dug a tunnel through the rock to find the entrance to the ship.

## Toba Protocol

Toba Protocol is a proposed terrorist attack that David Vale is warned about by a secret contact. It turns out to be a plot by the Immari to decimating most of the human population leaving only a small number of superior humans.

## Atlantis Gene

The Atlantis Gene is the gene that allows some humans to withstand the effects of the Bell. Those who were placed in the Atlantian tubes in Gibraltar have the gene.

## ARC-247

ARC-247 was the Immari provided gene therapy that Dr. Kate Warner was to use on the autistic children in her charge. She did not have a good feeling about it so she gave them cord blood from her baby instead.



## **The Bell**

The Bell is an anti-intruder device used by the Atlanteans to keep people out of their ship while they hibernate. Only those with the Atlantis gene can pass under it unharmed.

## **Tombs of Atlantis**

The Tombs of Atlantis are a large room where innumerable tubes filled with hibernating Atlanteans are located. Dorian Sloane wishes to destroy these sleeping Atlanteans by blowing them up with nuclear bombs.

## **Atlantean Plague**

The Atlantean Plague is also referred to as the Spanish Flu. It was unleashed when Patrick Pierce discovered part of the Atlantean ship in Gibraltar. The flu decimated the world's population preying on the strong and sparing the weak.

## **Tapestry**

Qian shows Kate a tapestry depicting the four floods. The Flood of Fire and the Flood of Water have already taken place, but the Flood of Blood and the Flood of Light are still in the future. Qian tells Kate that the tapestry along with the journal are the keys to stopping the Immari from unleashing a great evil.



# Settings

## Jakarta, Indonesia

Dr. Kate Warner is doing research on autism at a Research facility in Jakarta. The facility is owned by the Immari Corporation. She has moved there after losing her child so she can make a fresh start. She is doing research to help end autism. Two of the autistic children are kidnapped and she attempts to find them.

David Vale works for the intelligence agency, Clocktower. He is stationed at their facility in Jakarta, Indonesia. David wanted to be in that area so he could be near Mount Toba because he feels that there is some significance in that place that ties to the Immari Corporation. He believes the Immari Corporation was behind the 9/11 attacks and other terrorist attacks throughout the world.

## Antarctica

Antarctica is where the research teams find Konrad Kane's Nazi submarine. It is also where the Immari are searching for the Capital City of Atlantis. They have drill teams drilling at different sites to find the structure. They find it and set up a command center around the site.

## Burang, China

The Immari Corporation has a Research Complex outside Burang, China. They are testing the Bell on individuals that they are treating to see if they can access the Atlantis Gene. The kidnapped children are taken to China so that they can be put in front of the Bell to see if they survive. When they do, the doctors attempt to duplicate her work. They are unsuccessful. David and Kate go to the facility looking for the children. Kate pretends to be on the genetics staff to gain access and David is part of the security team. He plans to blow the nuclear reactor to destroy the facility and as a distraction for them to escape with the children. The Bell ends up melting when Kate comes in contact with it and the power is redirected into the nuclear reactor causing an explosion destroying the facility.

## Tibet

Kate and David are taken from the train and taken to a monastery in Tibet. There Kate is given the journal of Patrick Pierce, who turns out to be her father. David recovers from his wounds there and Kate reads the journal to him. Dorian Sloane sends drones into the mountains to find them. Kate and David must escape using a hot air balloon. The monastery is destroyed by missiles.

## **Gibraltar**

Patrick Pierce recovers from his wounds from World War I in Gibraltar. He and his nurse Helena fall in love as he recovers from his wounds. The Immari recruit Patrick to work in their mine as they attempt to find the lost city of Atlantis. They find a structure and unwittingly unleash a plague upon the world. The structure has a portal that leads to the structure in Antarctica. Patrick Pierce gets trapped in the structure in Gibraltar and misses most of his daughter's life.



# Themes and Motifs

## Sacrifice

A very prominent theme in *The Atlantis Gene* is that of sacrifice. Many of the characters are willing to sacrifice themselves or the lives of others in order to gain the overall outcome they wish. Some characters have selfish reasons for the sacrifices and little thought for those they choose to destroy while others are willing to selflessly sacrifice themselves in order to save someone they love or the entire world.

Dr. Kate Warner loves the autistic children she is working with in Jakarta, Indonesia. When two of them, Adi and Surya are kidnapped she will does not stop until she finds them and secures their safety. When the two boys are first kidnapped she selflessly faces their armed kidnappers in order to protect the children. Unfortunately, she is injured in the process and the boys are taken. She teams up with David Vale from Clocktower as her best way to find them and bring them back safely. In the end, she is approached by Howard Keegan the director of Clocktower and given the choice of surrendering herself to the Immari in order to save David, Adi and Surya. She does so without hesitation for she has come to love David as well as the children. Kate is eventually able to rescue the two boys even from the nuclear bombs strapped to them and get them to safety and away from the people who wish them harm.

For David Vale putting his life on the line to defeat the bad guys is just one aspect of his job as a Clocktower agent. He knows that his job comes with risks and that his life may be forfeit in the line of duty. David puts himself at the front line of fighting when Immari forces try to take over the Clocktower cell in Jakarta. He is defeated and left for dead. When he rescues Kate Warner from an Immari compound they work together to find Adi and Surya and to put a dent in the Immari's armor at the same time. David and Kate begin to develop feelings for one another. On the Atlantean ship in Antarctica David stays behind while Kate, the children and Kate's father, Patrick, try to make it safely back to the Gibraltar site. David knows that his only opponent left in the fire fight is Dorian Sloane and in order to flush him out to insure the safety of Kate and the children David must make himself a target. He runs out in full view of Dorian, who shoots him repeatedly. When Dorian comes close to David, with his last breath he shoots and kills Dorian and thus insures Kate's safety.

Dorian Sloane, formerly known as Dieter Kane, is a man who looks after his own interests first. He is not above sacrificing his two small boys, Adi and Surya, in order to annihilate the entire Atlantean race. Dorian fears that the Atlanteans will wake from their hibernation and see the current human population as inferior to themselves, therefore they will exterminate the entire human race. Dorian is part of the Immari, a group interested in stopping the Atlanteans from committing this destruction. He does not believe that the Atlanteans can be reasoned with and thus should be destroyed before they get the opportunity to destroy the world population. The Immari are also interested in creating superior humans similar to those of the Atlanteans and Dorian sacrifices



countless lives without a single regret in the quest to create a treatment that makes humans invulnerable to the deadly Atlantean technology known as The Bell. There is only one person that Dorian cares for and that is his missing father, Konrad Kane. Dorian hopes to find him in the Atlantean structure in Antarctica and his wish is granted. Dorian is reunited with his father and will do anything in order to protect the man. He even stays behind to fend off David so that his father can get to safety. The sacrifice is in vain because both Konrad and Dorian are killed.

Patrick Pierce, also known as Tom Warner, Kate Warner's father makes a deal with Immari to make sure his wife Helena and his unborn child are safe. She is placed in a tube in the Atlantean lab in Gibraltar, as is Patrick himself at a later time. When the tubes are opened forty years later Helena is still dead, but Patrick's daughter lives. Patrick has agreed to work for the Immari, but secretly works against them. When he disappears for thirty years while researching the Atlantean facility in Gibraltar, Kate is told that he is dead. They are reunited thirty years later, which Patrick believes has only been a month. He helps Kate and David rescue the Indonesian children from the Antarctic facility. In order to protect the Atlanteans hibernating in the Antarctic ship, as well as Kate, Adi and Surya, Patrick sacrifices himself by detonating the two nuclear bombs that had been strapped to the boys, thus blowing up the Gibraltar site.

## Genocide

Genocide is a recurring theme in this novel. The main desire to eradicate another race seems to stem from a fear of that particular race. Dorian Sloane and the Immari wishes to destroy the Atlanteans, the homo sapiens eliminated the Neanderthals, and every human on Earth is at risk of being eradicated by the Atlanteans.

Dorian Sloane and the Immari fear the power that the Atlanteans have. They were the ones who created the large ship that Immari found pieces of in Gibraltar and Antarctica. Their advanced technology is obvious from the equipment they found at the Gibraltar site. The Atlanteans are a superior race, thus it is supposed that they will look down upon the inferior beings who inhabit the Earth. Sloane, himself, and the others in the Immari organization do not seem to hold life, except for their own, in high regard. They do not have any qualms about sending test subjects to their deaths in order to test their gene therapy for the Atlantean gene against the effects of the Bell. They destroy anyone who gets in their way. Due to the fact that they deem other inferior to themselves they are sure that such an advanced race of the Atlanteans will feel exactly the same way about the human race. Their one desire is to save themselves from this annihilation once the Atlanteans come out of hibernation. By recreating the Atlantean gene themselves the Immari will then make themselves into Atlanteans and thus become the superior race. They will be able to use the Atlantean technology for their own aims.

The homo sapiens lived at the same time as the Neanderthals. At one point when Mount Toba erupted and destroyed most of the homo sapiens they were in fear of going extinct. The Neanderthals lived further away from the area and thus were spared. Once the homo sapiens numbers were dwindled, however, they experienced an evolutionary



leap that helped them to become more advanced and therefore they were able to survive. With this advancement, however, came a fear of those unlike them. They began to see the Neanderthals as inferior and began to eliminate them until they were extinct. A video in the Atlantean Gibraltar site shows a group of primitive humans tormenting and preparing to sacrifice a Neanderthal. He is saved by the Atlanteans who take him aboard their ship and put him in a hibernation tube.

The Atlanteans have the technology to destroy the entire population of Earth. When their ship is damaged by the combination of tsunami and a methane explosion the Atlanteans put certain protection protocols in place to keep them safe while they hibernate. Unfortunately, these devices are responsible for the devastating loss of life. The Bell they placed at the Gibraltar site was activated killing those in the immediate vicinity instantly. Those who weren't killed that way were at risk of being stricken by a strange plague that ravaged the world. It was called the Spanish Flu, but the Immari called it the Atlantean plague and held the Atlanteans wholly responsible for releasing such a horrible and devastating killer. Since the Atlanteans have this kind of devastating technology and can destroy the Earth's population if they wish it is assumed that they are like the Immari themselves and will do so without hesitation. The video David Vale discovers of them saving the Neanderthal does paint a slightly different picture of them, though, so there is a seed of doubt sown that they will be the heartless superior beings that the Immari insinuate they are.

## **Familial Relationships**

Familial Relationships is a theme of the novel. Dorian Sloane/Dieter Kane has an unhealthy obsession with his father because he was never able to know him. Dieter was put in the tubes when he was seven years old so he never had a proper relationship with his father. This leads him to obsess over the man who has been missing for seventy-five years.

Dorian/Dieter blames Patrick Pierce/Tom Warner for the death of his brother, mother and her unborn child. This leads him to exact revenge upon the Warner family. He cultivates a relationship with Patrick's daughter, Kate, so that he can impregnate her and take her child. He wants to make her feel the pain and sadness his father must have felt and how he felt over the loss of his family.

Kate Warner never knew her mother and was told her father died when she was six years old. She has no ideal of family. Kate cannot understand the hatred that Dorian/Dieter feels because she believes that her father is dead so she has closure. Dorian/Dieter does not have closure since his father disappeared. He wants to know where he is and show him what kind of man he has become. He wants his father to be proud of him. Dorian/Dieter wants to show his father how smart he is and how he has followed in his footsteps.





## Betrayal

Betrayal is a theme of the novel. David is betrayed by members of Clocktower who are part of Immari and take over the Clocktower stations. They kill the agents who will not join the Immari team and David is left on the run fighting for his life. This is turned into an even bigger betrayal when he finds out that the Director of Clocktower is Malloy Craig, the man who hired Patrick Pierce in 1918. David trusted this man is betrayed by him. Craig kills the Clocktower agents that are still loyal, but leaves David alive because he wants him to join him. He likes David and does not want to kill him. David is appalled that his mentor is one of the heads of the Immari and that Clocktower is an Immari organization.

Patrick Pierce is also betrayed by Mallory Craig. Craig tries to pretend to be his friend, but he makes the call that brings Patrick to the mine so that Rutger can cause a cave in. They attempt to kill Patrick because he refuses to work in the mine and he knows too much about their organization. Patrick later agrees to work within their organization, but he attempts to undermine the Immari at every turn. Patrick wishes to betray the Immari and destroy their master plan.

Dorian/Dieter betrays Kate by charming her into his bed and then leaving her when she becomes pregnant. He then takes the fetus of the baby and she does not know. This is a great betrayal to her and one he does to exact revenge on her father. It causes her great pain and makes her leave her life behind in San Francisco and take up her research in Jakarta, Indonesia.



# Styles

## Point of View

The point of view of the novel is third person. It is told in the viewpoint of several characters. The viewpoint switches from chapter to chapter. Dr. Kate Warner, a geneticist, is researching how to cure autism. She comes upon a cure that could activate a gene in the human DNA that the Immari have been searching for since 1918. Her thoughts and feelings about the children in her care and the tragedies in her life are shown through her eyes. David Vale, an intelligent agent, is trying to uncover the secrets behind the Immari Corporation with Kate's help he discovers their plan to cause a global genocide and attempt to kill the Atlanteans. Other viewpoints are shown throughout the novel. Patrick Pierce, Martin Grey, Dorian Sloane, Mallory Craig, Josh Cohen and Robert Hunt are each given a chance to show their viewpoints to the reader. It gives the reader a complete view of each side of the story. This allows the reader to understand the characters and their actions.

The story is told through exposition and dialogue. This allows the reader to become acquainted with the characters and their idiosyncrasies. The dialogue shows the passion that drives each character. Each has a reason for joining the Immari or fighting to stop them. This passion is shown in their dialogue and in their actions. Kate and David are fighting to save the world from genocide, while the Immari are trying to save the world from what they believe will be certain annihilation by a superior race. The viewpoint switches often through the novel so the reader is able to see both sides equally as the story unfolds.

## Language and Meaning

The language of the novel is difficult at times. The story is very technical, so the reader can get lost in the talk of genetics over the last seventy thousand years. The book is intended for young adults and adults. The sentences are complex and there are many instances of medical jargon, which slow the pace of the book. It is a quick read with some very short chapters in spots, but the explanation of genetics slows the pace in spots.

The language can be difficult. Kate is a geneticist so she is highly intelligent and speaks as an educated adult. David is an intelligent agent who knows when to talk and when to keep quiet so his speech is more simple and easier to follow. The members of the Immari have been around for generations and speak of things that no one else could believe is real. They have seen things that have left them with more knowledge than the rest of the human race so this makes their conversations more complex because they talk of things that have spanned over thousands of years. The reader gets a mixture of this as the viewpoints switch back and forth and the characters are each given their say.



The author's style can be simple with short concise sentences or complex with long sentences and difficult language it depends on the viewpoint of the character. Riddle uses language differently for each character to show the intelligence and complexity of each individual. The characters stories intertwine throughout time giving them each an intense relationship with the other characters.

## Structure

The Atlantis Gene is comprised of one hundred and fifty-three chapters plus a prologue and an epilogue. Some chapters are very short comprising of just a few sentences and some are longer, but all are relatively short. The pace changes from fast to slow depending on the action in the novel. The short chapters go quickly, but the constant changing of the viewpoints of the characters slows the reader down as they adjust to the different characters and the name changes of the characters.

The plot is complex because of all the characters involved and their different agendas. The switch from different time periods is also difficult to follow and how time moves differently in the Atlantis structures. One plot is that Dr. Kate Warner is searching for the kidnapped autistic children that were taken from her research facility. Another plot is David Vale's attempt to prove that the Immari Corporation is a front for terrorists. The main plot is the Immari's attempt to find the Atlantis Gene and save the world from annihilation by a superior race. All the plots merge together as everything intertwines in the novel. Kate's destiny is to stop the Immari just as her father attempted to do and David helps her to fulfill this destiny.

The novel is fast paced, but can be bogged down by explanations of genetics and history, but the pace keeps moving fairly quickly. The novel shows how obsession can bring about many changes to a person be it good or bad. It is the story of good versus evil and how the actions of a few can change the course of history.



## Quotes

The Great Leap Forward is probably one of the most hotly contested aspects of evolutionary genetics. It's a mystery really. We know that around 50-60,000 years ago, there was a sort of 'Big Bang' in human intelligence.

-- Kate (Chapter 22 paragraph 9)

**Importance:** The reader is introduced to one of the theories as to how the homosapians became suddenly more intelligent than the Neanderthals or Hobbits. This is the first indication that something other than evolution may have been responsible.

About 70,000 years ago, a super-volcano erupted at Mount Toba, here in Indonesia. The eruption and ash as well as the resulting climate change, reduced the total human population drastically, maybe to as low as 10,000 or even less.

-- Kate (Chapter 22 paragraph 1)

**Importance:** This is an indication of how the humans were able to survive against all odds. They were the ones in the middle of such a destructive event, while the Neanderthals and Hobbits were far enough away to remain relatively unaffected, yet they evolved in order to survive while the others went extinct.

Our genes might control the possibilities, but epigenetics determines our destiny.

-- Dr. Chang (Chapter 50 paragraph 1)

**Importance:** Dr. Chang is illustrating to Dorian Sloane how it is possible for the Adi and Sarya to have escaped the devastation of the Bell. He surmises that Dr. Kate Warner somehow gave the kids new genes that turned on the 'Atlantis Gene,' which allowed them to survive the effects of the Bell.

Science lacks something very important that religion provides: a moral code. Survival of the fittest is a scientific fact, but it is a cruel ethic; the way of beasts, not a civilized society.

-- Qian (Chapter 69 paragraph 3)

**Importance:** This statement outlines the difference between the Immaru and the Immari. The Immari have put all of their faith in science and have seemed to lose their humanity along the way. They do not seem to care who they hurt or kill to achieve their aims. They are more interested in creating a super race and defeating all threats to themselves.

This will be a battle for the human race, for our very right to survive. We have one goal: humanity's survival.

-- Dorian Sloane (Chapter 64 paragraph 1)

**Importance:** This shows what drives the Immari and Dorian Sloane in their actions so far in the story. The source of the threat is still unknown, but it is evident that the Immari



will do whatever it takes to defeat them and insure their own survival. They have been ruthless in their behavior so far, and the reader has to wonder what else they are willing to do.

We, our theory is that if we can isolate the genes that impart immunity to the machine, we can develop a gene therapy to protect us from its effects. We would use a retrovirus to deliver this gene, what we're calling "The Atlantis Gene.

-- Dr. Chang (Chapter 50 paragraph 1)

**Importance:** This is the first indication that someone with a particular gene known as "The Atlantis Gene" could survive the devastating effects of the Bell. The importance of the research is indicated by the fact that Dorian Sloane has taken over the project himself and they are risking human lives in order to create their gene therapy. Their callous use of human subjects shows Immari's ruthlessness in the quest for immunity to the Bell and that they will do whatever it takes to get what they want.

What's my daughter's future for the fate of the human race?

-- Lord Barton (Chapter 86 paragraph 5)

**Importance:** This statement shows how the Immari disregard anything, but their search for Atlantis. Lord Barton uses his daughter to get Patrick to work in the mine. His family is second to his obsession. They believe that the human race is facing extinction without any proof that the Atlanteans are violent. They project their own thoughts and feelings on this race and make assumptions and then disregard the human race in their attempt to save it.

It's always the same war. Only the names of the dead change. It's always about one thing: which group of rich men get to divvy up the spoils.

-- Patrick's father (Chapter 90 paragraph 2)

**Importance:** This statement shows the true meaning of war. There was a romanticized view of war during this time, but Patrick learns from his experiences how horrific it can be. His father tries to portray this to him, but he will not listen. He has to learn on his own.

We both know they'll come out of hibernation soon, if they haven't already. We don't have time to research and debate. If they march out of there, the human race is finished.

-- Doriane Sloane (Chapter 104 paragraph 4)

**Importance:** This statement shows how obsessed that Dorian is with the Atlanteans and that he believes that the human race is in danger from the Atlanteans. He does not see them as the humans benefactors, but as a terrible threat that will destroy the human race.

This is hideous work, but these people are giving their lives so that we can understand the Bell, so that we can save and purify the human race. Their sacrifice is needed. Their



sacrifice will be remembered. The few die so the many can survive.  
-- Mallory Craig paraphrasing Konrad Kane (Chapter 146 paragraph 1)

**Importance:** Mallory Craig uses Kane's words against him to get him to take the syringe so that Craig can use his body for research. Kane can convince other people to give up their lives for his research, but he does not want to give up his own.

I guess it's true then. The meek shall inherit the Earth.  
-- Patrick Pierce (Chapter 151 paragraph 4)

**Importance:** Patrick says this to Mallory Craig because the Atlantis Plague takes out the strong and leaves the weak. He also is carrying a bomb, which will take out a large part of the Immari. This is a great death for him because he will be keeping the Immari from the Antarctica structure and he will take out the head of the Immari.

We've found the Atlantis Gene.  
-- Immari technician (Chapter 153 paragraph 3)

**Importance:** The Immari has found the Atlantis Gene. This means that they will be able to make an army and invade the Atlantean structure to exact genocide upon the Atlanteans.