Annabel Grey arrives at Lord Connor’s masquerade with only one thing on her mind—robbing Lord Connor blind. But when she breaks into his study, he attacks her, giving her no choice but to put a bullet in his head.

Jonathan, heir to the Grimmer Publishing Company, has ulterior motives of his own when he heads to Connor’s ball. He suspects Connor is a member of the Resurrectionists, a secret society of scientists wanted for a series of brutal murders. His hopes of confronting Connor are dashed when he discovers Connor dead at the hands of Annabel.

After robbing Connor’s safe, Annabel sneaks away, leaving Jonathan to deal with the body, but soon runs into Resurrectionists, who force her to hand over the envelope. They immediately tear it open, revealing a vial of green liquid, which they use to turn Connor’s guests into zombies. Annabel barely makes it out alive.

Meanwhile, Jonathan makes his own escape and heads to his friend Roderick’s house; Roderick is something of an expert on the Resurrectionists. Roderick heads to Connor’s mansion himself to see what he can learn, while Jonathan meets Parson Sinews, an acquaintance of Roderick’s, who may have information about the Resurrectionists. Sinews informs Jonathan that the Resurrectionists’ plan to use London as a testing ground for the zombie virus, calling the experiment The Dead London Project.

Hoping to learn more about the Resurrectionists, Annabel searches for Jonathan Grimmer; she believes he may know something about them. Her search leads her to the Grimmer Company headquarters, where she finds a hidden elevator that takes her to an underground Resurrectionist facility. She is caught by the Resurrectionists but manages to escape, with only a little help from Jonathan, along with Abraham Palmer, an editor at the Grimmer Company.

The group seeks refuge aboard the Grimmer Company airship, and Palmer explains that the underground facility was once used by Jonathan’s father, who had been secretly hunting zombies for years--even before the Resurrectionists released their zombie plague. The secret research facility was taken over by the Resurrectionists, when Jonathan’s father died.

The group reunites with Roderick, who has been dealing with zombies on his own. As the zombie virus continues to spread, Roderick’s lover, Rémy, is killed. Roderick vows vengeance on the Resurrectionists, but the crew worries that the Resurrectionists may be the only people capable of finding a cure for the zombie virus. After all, the Resurrectionists are scientists, and have been studying the virus for years.

With that in mind, the group decides to steal the Resurrectionists’ research. They break into the underground facility, but Palmer betrays them. He still believes the Resurrectionists are their only hope of finding a cure even if they manage to steal the research. His betrayal nearly costs Annabel her life, but in the end, it’s Palmer that winds up dead, a victim of the zombies.

When she finally confronts the leader of the Resurrectionists, the Resurrection Man himself, she can’t bring herself to kill him—it turns out that Annabel knew him, long ago, and they were quite close—but Roderick puts a bullet in his head without a second thought.

The remaining Resurrectionists manage to escape, and Roderick, Jonathan, and Annabel retreat to the airship. London is completely overrun by zombies by now, and they are forced to flee the city. As they fly off, they learn that a wall has been erected, quarantining the city. The wall is manned by Resurrectionists, who try to prevent their escape. With the help of the airship crew, Jonathan, Annabel, and Roderick battle their way out of the city and leave London behind.