

# From the Genetics of Royal Incest to the Chemistry of Death by Molten Gold

History is filled with tales of gruesome crimes that have captivated and horrified the public for centuries. But what if we could go beyond the sensational headlines and delve into the scientific secrets that lie at the heart of these notorious events? In this riveting book, we embark on a journey through the annals of history, uncovering the fascinating science behind some of the most infamous crimes ever committed.

## Chapter 1: The Genetic Consequences of Royal Incest

Inbreeding within royal families has been a common practice throughout history, often driven by a desire to maintain power and wealth within a narrow lineage. However, this practice has come at a steep genetic cost. Through in-depth genetic analysis, this chapter explores the devastating consequences of royal incest, including increased susceptibility to genetic disorders, cognitive impairments, and physical deformities.



## The Science of Game of Thrones: From the genetics of royal incest to the chemistry of death by molten gold - sifting fact from fantasy in the Seven Kingdoms

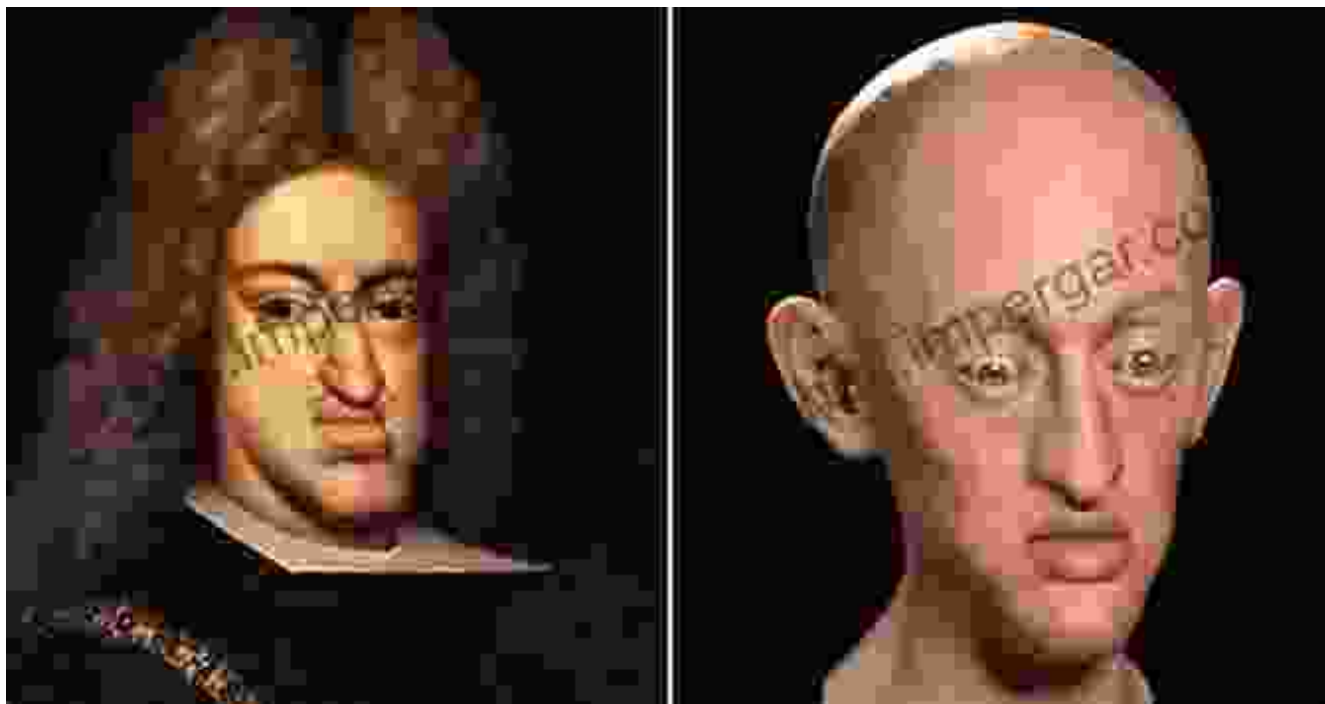
by Helen Keen

★★★★☆ 4.2 out of 5

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Enhanced typesetting : Enabled  
Word Wise : Enabled  
Print length : 273 pages  
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## Chapter 2: The Gruesome Chemistry of Death by Molten Gold

The execution of the infamous alchemist and astrologer Edward Kelly in 1595 involved a particularly gruesome method: death by molten gold. This chapter investigates the chemistry behind this gruesome form of execution, examining the properties of molten gold and the excruciating pain it would have inflicted upon its victim. We also explore the political and historical context surrounding Kelly's execution, providing a deeper understanding of this chilling event.



### **Chapter 3: The Toxic Secrets of the Medici Family**

The Medici family of Florence, Italy, ruled for centuries, leaving behind a legacy of power, patronage, and intrigue. But beneath the facade of wealth and splendor, there lay a darker side. This chapter delves into the toxic secrets of the Medici family, revealing the use of poisons and the practice of assassination as tools of political control. We examine the chemical composition of these poisons and the chilling methods by which they were administered, providing a glimpse into the sinister world of Renaissance power struggles.



## **Chapter 4: The Forensic Science of the Ripper Murders**

The gruesome killings attributed to Jack the Ripper in Victorian England have fascinated and horrified generations. This chapter examines the groundbreaking forensic techniques employed in the investigation of these unsolved murders. We explore the use of fingerprinting, blood analysis, and

DNA profiling, and consider the challenges and limitations faced by the detectives who sought to bring the Ripper to justice.



## **Chapter 5: The True Story Behind the Salem Witch Trials**

The Salem witch trials of the 17th century remain a dark chapter in American history. This chapter investigates the scientific basis for the accusations of witchcraft, examining the role of ergot poisoning, mass

hysteria, and political manipulation in the persecution of innocent individuals. We explore the chemical properties of ergot and its potential effects on the human mind, shedding new light on this infamous episode.



From the corridors of power to the darkest corners of history, science has much to tell us about the crimes of the past. This book takes us on an extraordinary journey through some of the most notorious events in human history, revealing the scientific secrets that lie at their heart. By unlocking these secrets, we gain a deeper understanding of the human capacity for both good and evil, and the enduring power of science in unraveling the mysteries of the past.

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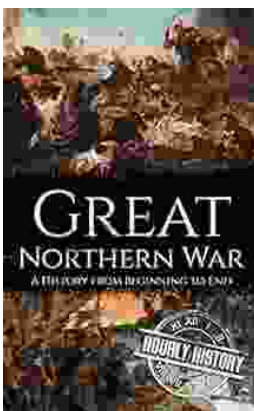


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