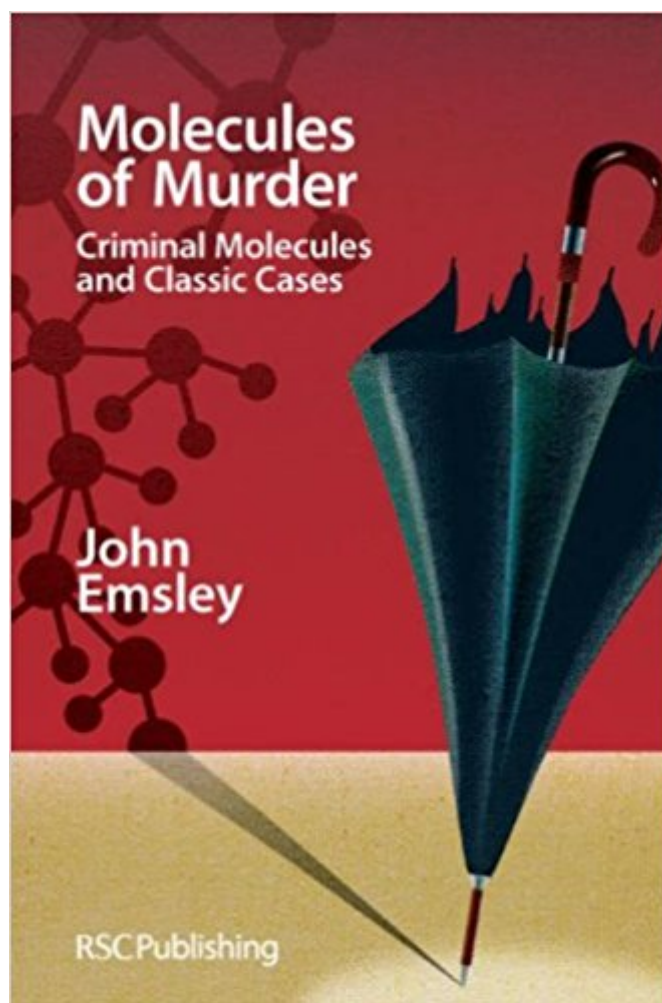


The book was found

Molecules Of Murder: Criminal Molecules And Classic Cases



Synopsis

Molecules of Murder is about infamous murderers and famous victims; about people like Harold Shipman, Alexander Litvinenko, Adelaide Bartlett, and Georgi Markov. Few books on poisons analyse these crimes from the viewpoint of the poison itself, doing so throws a new light on how the murders or attempted murders were carried out and ultimately how the perpetrators were uncovered and brought to justice. Part I includes molecules which occur naturally and were originally used by doctors before becoming notorious as murder weapons. Part II deals with unnatural molecules, mainly man-made, and they too have been dangerously misused in famous crimes. The book ends with the most famous poisoning case in recent years, that of Alexander Litvinenko and his death from polonium chloride. The first half of each chapter starts by looking at the target molecule itself, its discovery, its history, its chemistry, its use in medicine, its toxicology, and its effects on the human body. The second half then investigates a famous murder case and reveals the modus operandi of the poisoner and how some were caught, some are still at large, and some literally got away with murder. Molecules of Murder will explain how forensic chemists have developed cunning ways to detect minute traces of dangerous substances, and explain why some of these poisons, which appear so life-threatening, are now being researched as possible life-savers. Award winning science writer John Emsley has assembled another group of true crime and chemistry stories to rival those of his highly acclaimed Elements of Murder.

Book Information

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Customer Reviews

"The accounts are superbly written, with appropriate amounts of chemistry expertly blended with gripping accounts of criminal acts."...I found this book fascinating and a brilliant mixture of chemistry and crime. The writing is excellent, the research thorough and the resulting book outstanding." (Education in chemistry, John Nicholson.)"This book is clearly written and much easier to digest than the compounds it describes." "Emsley has written a book that satisfies the true-crime reader as well as the science-orientated specialist." "I'm sure Gil Grisson, former head of the forensic investigation team in the TV Show "CSI" would have a copy on his shelf" (Chemical and Engineering News, Feb 2 2009, Volume 87, Number 05, Charles Tumosa)"This very well written book should find its way into most school libraries, as it will appeal to those - young and old - who are fascinated either by the chemistry involved, or by the history of several murder cases." (Science in School, issue 13, Tim Harrison, University of Bristol.)"In this highly engaging, detailed and morbidly fascinating slim volume, chemist John Emsley narrates the stories of those who made use of science for killing their fellow beings through deadly means""The cases are fascinating for science buffs because of the scientific background about the poisons, and for others for the ingenious thinking that went both into murders and the detective work involved in solving them." (Ashutosh Joglekar Blog, December 04, 2008)"Molecules of murder is a paean to forensic chemistry. It is also an eminently readable discussion of classic poisoning cases and the science behind them." (Molecular Interventions, P146.)"This book is a must read for students of forensic science." "...is the right balance between a book on toxicology and an analysis of the use of poisons in crime""The case study analysis makes the book useful in other disciplines apart from a pure science and this would be a very good text for use in criminology or other social science based courses""The book has a very good glossary making it a useful reference source" (Physical Science Centre, Volume 9, Issue 2)"...each chapter is full of interesting nuggets of information that you just don't find in the standard toxicology textbooks." "...an excellent read for the chemist, toxicologist or occupational hygienist who is interested in the world of "true crime." "...the writing is a model of clarity, the stories logically laid out." "Highly recommended, too, for anybody who enjoys a good thriller!" (Safety and Health Practitioner)

This fascinating book takes the reader on a journey of discovery into the world of dangerous organic poisons. Molecules of Murder describes ten highly toxic molecules which are of particular interest due to their use in notorious murder cases. Each chapter explores the discovery of the molecules, their chemistry and effects in humans, followed by a re-examination of their deliberate misuse in high profile murder cases! Molecules of Murder is written by the highly acclaimed, award winning

popular science writer John Emsley and makes enthralling reading for both scientists and non-scientists alike.

Excellent book on poisons used to murder people- often seen in Cold Case files on IDVERY INTERESTING, BOUGHT FOR A CLASS, INFORMATIVE AND EASY TO READ

Bought this for my chemist BF and he absolutely loves it. Very interesting read if you are into scientific murdering.

Fascinating and technically accurate - you won't be bored.

Take a while to complete reading. Very easy to understand even for layman. Looking forward to More molecules of murder which coming out soon.

This book nicely shows how chemistry has been important in real life murders. It can be considered to be a sequel to the authors previous book "The Elements of Murder". Both books are examples of how a scientist can bring the importance of science to the real world. Toxins have been important means of murder for thousands of year. The author presents a number of true-to-life examples of how these chemicals have been used to kill. Some of the examples can be more fantastic than fiction. Yet the author weaves stories that keep the audience enthralled by the machinations of murderers.

Interesting

You don't have to understand chemistry to read this book! Very nice as it gives background information and real life stories!

Its just a MUST for the summer time of the potential future IB students for Chemistry! Very understandable from all! Also has the best delivery!

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