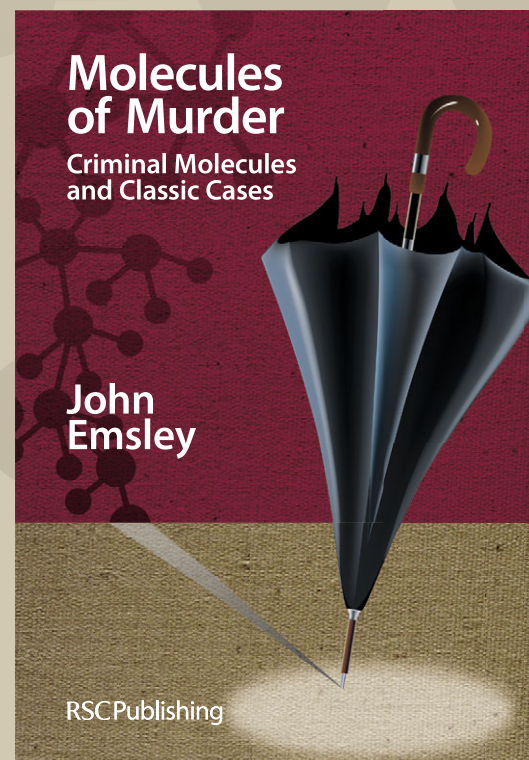


Molecules of Murder

Criminal Molecules
and Classic Cases

John Emsley

The award winning
popular science writer!



This fascinating new book is about infamous murderers and famous victims! It includes the stories of 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, and doing so throws new light on how the murders or attempted murders were carried out and ultimately how the perpetrators were uncovered and brought to justice.

The reader is taken on a journey of discovery into the world of dangerous organic poisons. Ten highly toxic molecules are described all 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!

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Sub Title: Criminal Molecules and Classic Cases

Author: John Emsley

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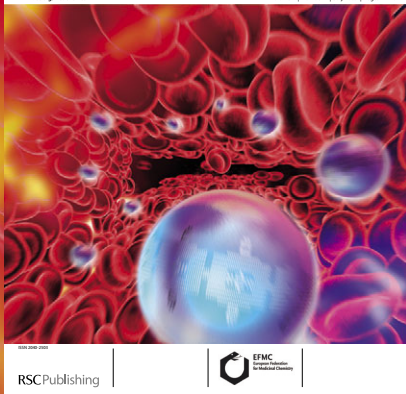
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Introducing Dr Ming-Qiang Zhang

Associate Editor

Ming-Qiang Zhang is Chief Technology Officer and Vice-President for External Research at Roche R&D Centre (China). He also holds a professorship at HuaQiao University, China. He is one of the pioneers in applying novel molecular modalities such as supramolecular chemistry and synthetic biology to drug discovery and has led the discovery of multiple candidate drugs progressed to approval or clinical development for treatment of CNS, cancer, inflammatory and infectious diseases. He is a co-recipient of the RSC Malcolm Campbell Memorial Prize in Biological and Medicinal Chemistry (2007) and Nexxus Life Science Award for Innovation (2008) for the discovery of sugammadex (Bridion®, Merck & Co), the first-in-class muscle relaxant reversing agent approved for clinical use. Dr Zhang received his PhD in medicinal chemistry from the University of Antwerp in Belgium (1990) and did his post-doctoral research at Vrije Universiteit Amsterdam in the Netherlands (1991). After working at the Leiden-Amsterdam Center for Drug Research (1991-1997), he joined Organon Laboratories where he was the Section Head of Medicinal Chemistry before becoming Director of Medicinal Chemistry at Shire Pharmaceuticals (2002-2004). In 2004 he joined Biotica Technology initially as Vice-President of Research and then Senior Vice-President of Research & Development (2004-2009), where he played a key role in transforming the company to drug discovery and was instrumental in establishing the two significant R&D partnerships with Wyeth Pharmaceuticals (now Pfizer) and GlaxoSmithKline, respectively. He also co-founded ViroChem Pharma Inc in 2004, which was acquired by Vertex in 2009.

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