

Emerging Investigators theme issue

Molecular BioSystems issue 6, 2008, devoted to outstanding young scientists at the chemical- and systems-biology interfaces, features novel methods to visualise and manipulate protein function in living cells, the development of chemical techniques to monitor specific protein post-translational modifications, new insights into metabolomics and much, much more!

Papers include:

Visualization of phosphatase activity in living cells with a FRET-based calcineurin activity sensor

Robert H. Newman and Jin Zhang

Conformation and the sodium ion condensation on DNA and RNA structures in the presence of a neutral cosolute as a mimic of the intracellular media

Shu-ichi Nakano, Lei Wu, Hirohito Oka, Hisae Tateishi Karimata, Toshimasa Kiriha, Yuichi Sato, Satoshi Fujii, Hiroshi Sakai, Masayuki Kuwahara, Hiroaki Sawai and Naoki Sugimoto

A quantitative study of the recruitment potential of all intracellular tyrosine residues on EGFR, FGFR1 and IGF1R

Alexis Kaushansky, Andrew Gordus, Bryan Chang, John Rush and Gavin MacBeath

Direct printing of trichlorosilanes on glass for selective protein adsorption and cell growth

Dawn M. Yanker and Joshua A. Maurer

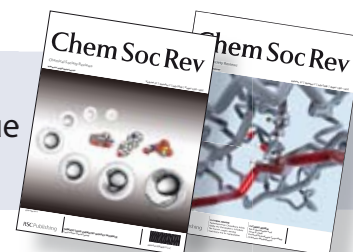
A chemical approach for detecting sulfenic acid-modified proteins in living cells

Khalilah G. Reddie, Young Ho Seo, Wilson B. Muse III, Stephen E. Leonard and Kate S. Carroll

See also:

Chem Soc Rev issue 7, 2008 - Chemistry-Biology Interface theme issue

For more details visit www.rsc.org/chemsocrev/cbi



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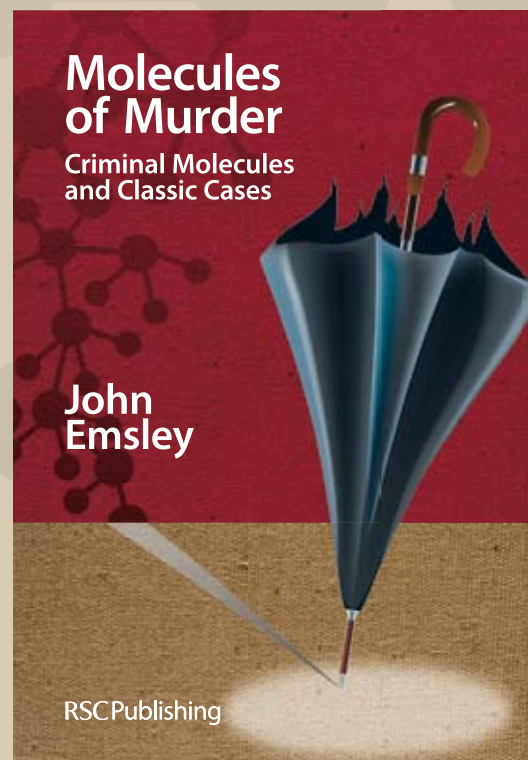
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Molecules of Murder

**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!

Title: Molecules of Murder

Sub Title: Criminal Molecules and Classic Cases

Author: John Emsley

ISBN: 9780854049653

Publication Date: August 2008

Price: £14.95

Meet the Author...

Molecules of Murder Book Launch

30th July 2008, London, UK.

236th ACS National Meeting & Exposition 17 – 21st August 2008, Philadelphia, USA.

For more information or tickets to these events please contact books@rsc.org

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