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Inside cover

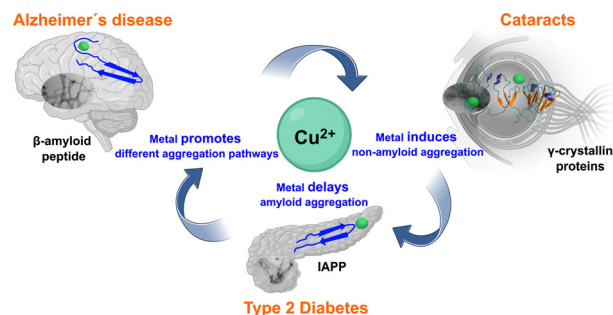
See Yvonne Mast *et al.*, pp. 1050–1063. Image reproduced by permission of Yvonne Mast from *RSC Chem. Biol.*, 2023, 4, 1050. Photograph of *Streptomyces* colony by Felix Gonther.

OPINION

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Copper binding and protein aggregation: a journey from the brain to the human lens

Yanahi Posadas, Carolina Sánchez-López and Liliana Quintanar*

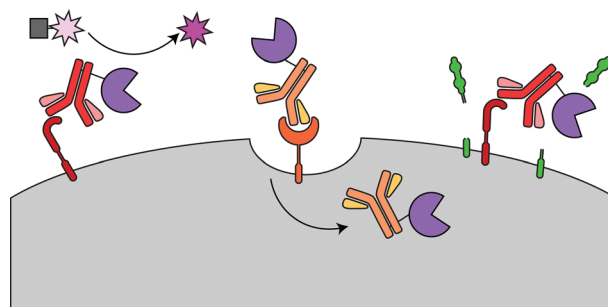


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Bringing enzymes to the proximity party

Gabrielle S. Tender and Carolyn R. Bertozzi*



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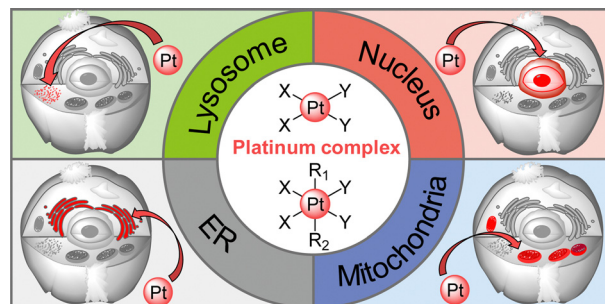


REVIEWS

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Unlocking the potential of platinum drugs: organelle-targeted small-molecule platinum complexes for improved anticancer performance

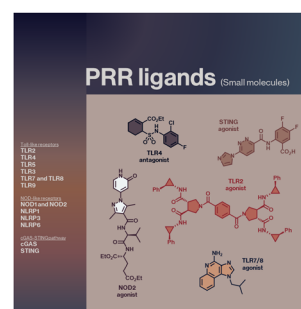
Zhiqin Deng, Shu Chen, Gongyuan Liu and Guangyu Zhu*



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Small molecule modulators of immune pattern recognition receptors

Taku Tsukidate, Charles W. Hespen and Howard C. Hang*

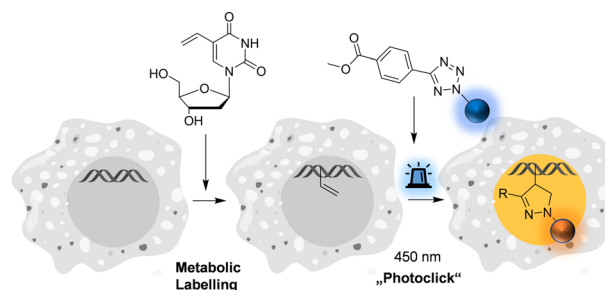


COMMUNICATIONS

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Metabolic labelling of DNA in cells by means of the "photoclick" reaction triggered by visible light

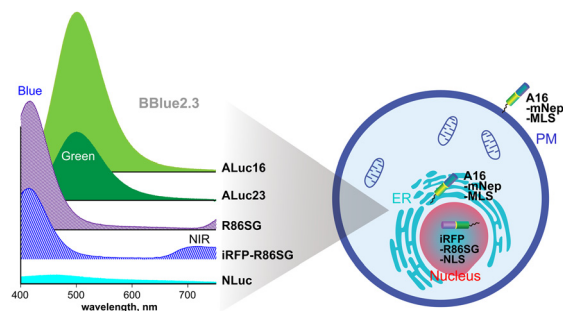
Lisa Rieger, Bastian Pfeuffer and Hans-Achim Wagenknecht*



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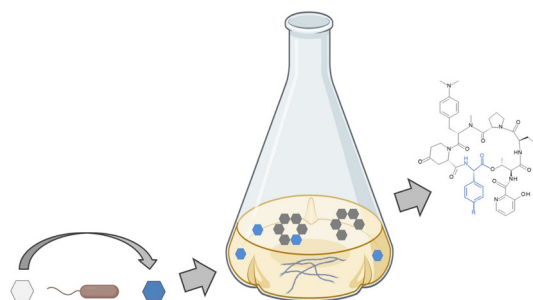
Single-chain multicolor-reporter templates for subcellular localization of molecular events in mammalian cells

Sung-Bae Kim,* Ramasamy Paulmurugan, Nobuo Kitada and Sojiro A. Maki



PAPERS

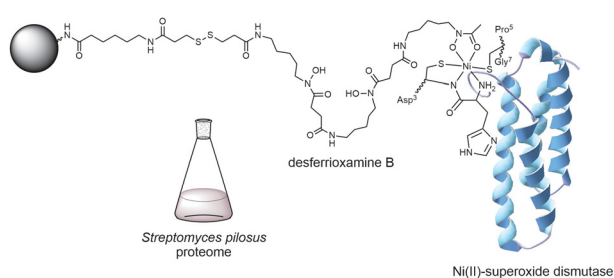
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Biotransformation-coupled mutasynthesis for the generation of novel pristinemycin derivatives by engineering the phenylglycine residue

Oliver Hennrich, Leoni Weinmann, Andreas Kulik, Karen Harms, Philipp Klahn, Jung-Won Youn, Frank Surup and Yvonne Mast*

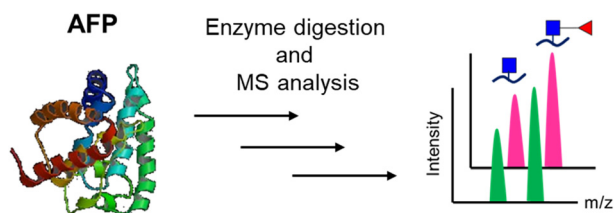
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Reduction-cleavable desferrioxamine B pulldown system enriches Ni(II)-superoxide dismutase from a *Streptomyces* proteome

Jenny Ni, James L. Wood, Melanie Y. White, Norbert Lihi, Todd E. Markham, Joseph Wang, Peter T. Chivers and Rachel Codd*

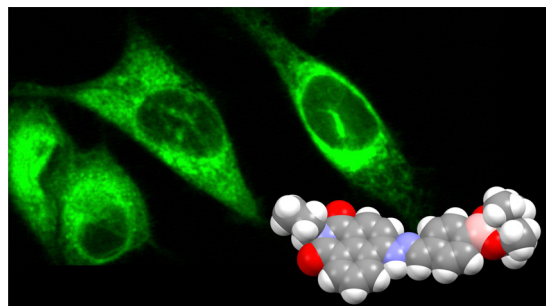
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Quantitative mass spectrometric analysis of hepatocellular carcinoma biomarker alpha-fetoprotein

Chen-Chun Chen, Han-Wen Huang, Bo-Rui Chen and Chi-Huey Wong*

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Fluorescent naphthalimide boronates as theranostics: structural investigations, confocal fluorescence and multiphoton fluorescence lifetime imaging microscopy in living cells

Megan J. Green, Haobo Ge, Stephen E. Flower, Charareh Pourzand, Stanley W. Botchway, Hui-Chen Wang, Navaratnarajah Kuganathan, Gabriele Kociok-Köhn, Meng Li, Suying Xu,* Tony D. James* and Sofia I. Pascu*

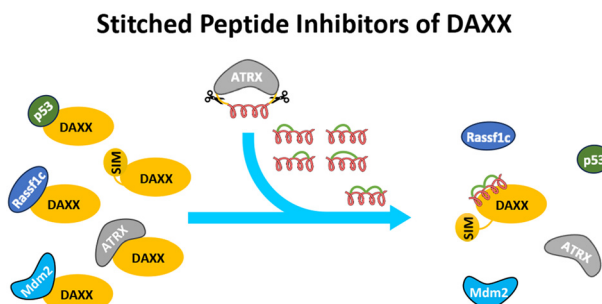


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Stitched peptides as potential cell permeable inhibitors of oncogenic DAXX protein

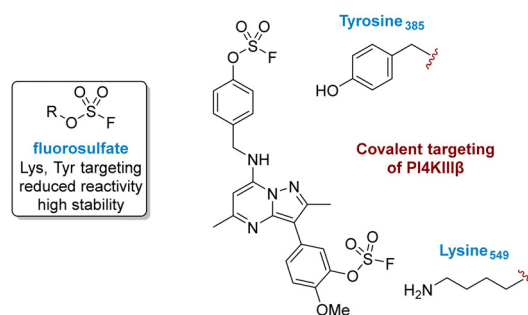
Clare Jelinska,* Srinivasaraghavan Kannan, Yuri Frosi, Siti Radhiah Ramlan, Fernaldo Winnerdy, Rajamani Lakshminarayanan, Charles W Johannes, Christopher J Brown, Anh-Tuan Phan, Daniela Rhodes and Chandra S Verma*



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Covalent targeting of non-cysteine residues in PI4KIII β

Brett Cosgrove, Emma K. Grant, Sophie Bertrand, Kenneth D. Down, Don O. Somers, John P. Evans, Nicholas C. O. Tomkinson* and Michael D. Barker*



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An enhanced biophysical screening strategy to investigate the affinity of ASOs for their target RNA

Rouven Stulz, Michael Lerche, Olivia Luige, Agnes Taylor, Stefan Geschwindner and Alice Ghidini*

