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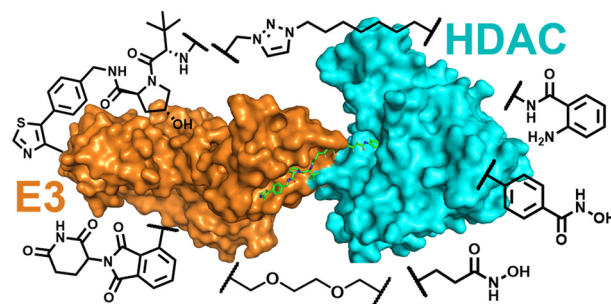
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PROTAC chemical probes for histone deacetylase enzymes

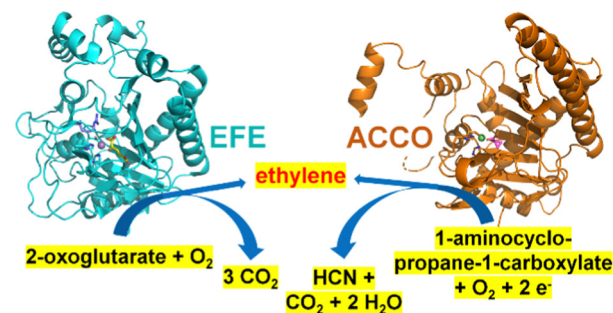
Urvashi Patel, Joshua P. Smalley and
James T. Hodgkinson*



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Biological formation of ethylene

Robert P. Hausinger,* Simahudeen Bathir J. S. Rifayee,
Midhun G. Thomas, Shramana Chatterjee, Jian Hu and
Christo Z. Christov



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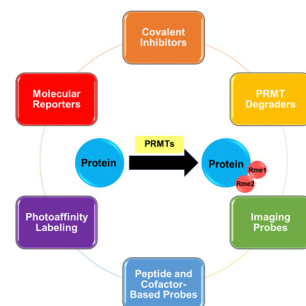


REVIEWS

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Chemical probes and methods for the study of protein arginine methylation

Tyler Brown, Terry Nguyen, Bo Zhou and Y. George Zheng*

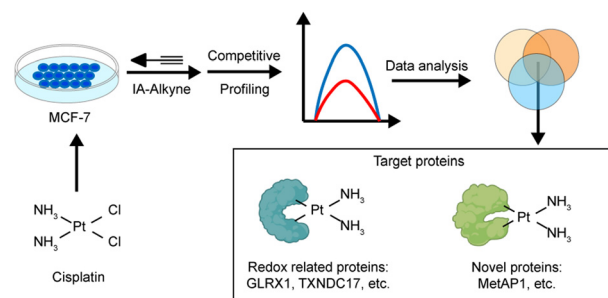


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Discovery of cisplatin-binding proteins by competitive cysteinome profiling

Xianghe Wang, Yihai Zhang and Chu Wang*

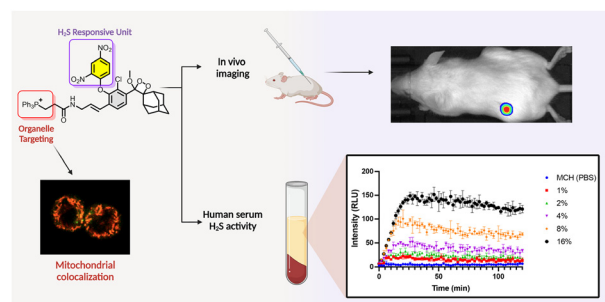


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A mitochondria-targeted chemiluminescent probe for detection of hydrogen sulfide in cancer cells, human serum and *in vivo*

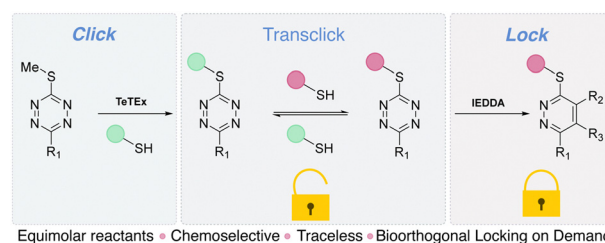
Hande Gunduz, Toghrul Almammadov, Musa Dirak, Alperen Acari, Berkan Bozkurt and Safacan Kolenen*



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Click'n lock: rapid exchange between unsymmetric tetrazines and thiols for reversible, chemoselective functionalisation of biomolecules with on-demand bioorthogonal locking

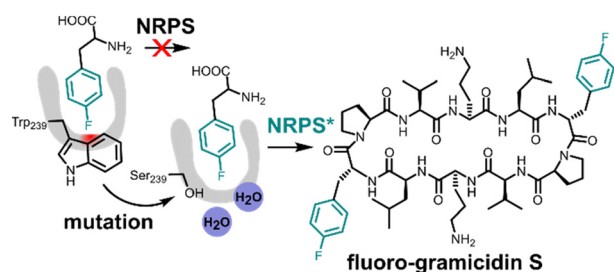
Katerina Gavriel, Dustin C. A. van Doeselaar, Daniëlle W. T. Geers and Kevin Neumann*



Equimolar reactants • Chemoselective • Traceless • Bioorthogonal Locking on Demand



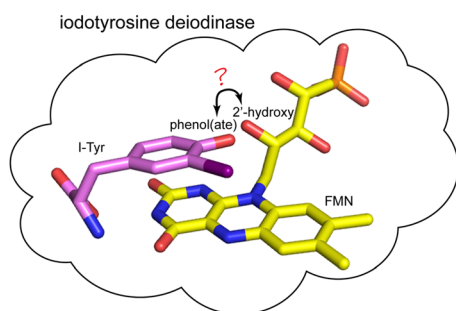
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Biosynthetic incorporation of fluorinated amino acids into the nonribosomal peptide gramicidin S

Maximilian Müll, Farzaneh Pourmasoumi, Leon Wehrhan, Olena Nosovska, Philipp Stephan, Hannah Zeihe, Ivan Vilotijevic, Bettina G. Keller and Hajo Kries*

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The 2'-hydroxy group of flavin mononucleotide influences the catalytic function and promiscuity of the flavoprotein iodotyrosine dehalogenase

Anton Kozyryev, Petrina A. Boucher, Carla M. Quiñones-Jurgensen and Steven E. Rokita*

