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Cover

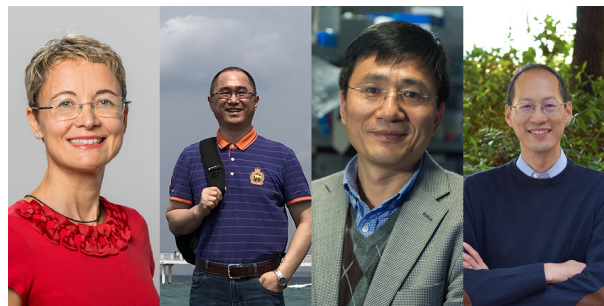
See Minseob Koh, Ala Jo, Jongmin Park *et al.*, pp. 483–499.
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Introduction to “Chemical biology of metals”

Angela Casini, Hui Chao, Hongzhe Sun and Christopher J. Chang*

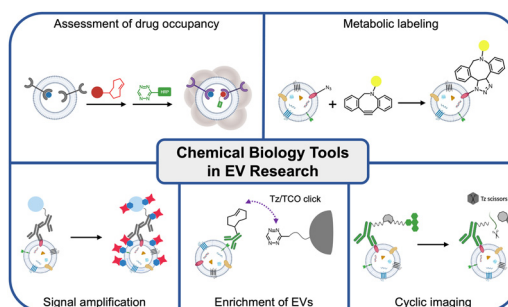


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Recent advances in chemical biology tools for protein and RNA profiling of extracellular vesicles

Woojeong Lim, Soyeon Lee, Minseob Koh,* Ala Jo* and Jongmin Park*



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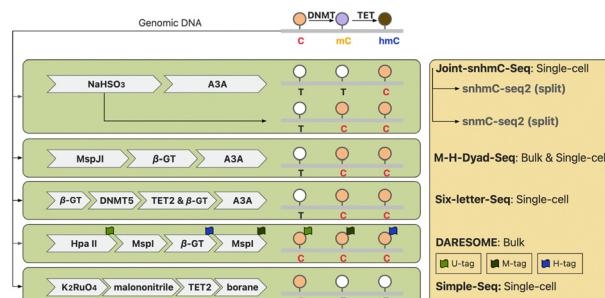


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Advances in the joint profiling technologies of 5mC and 5hmC

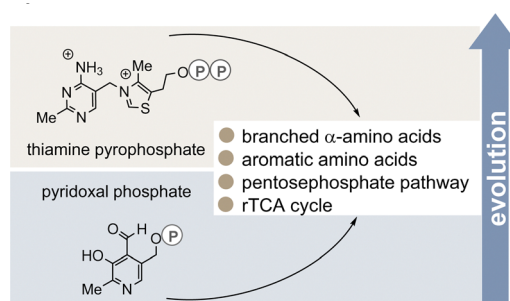
Bo He, Haojun Yao and Chengqi Yi*



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Why pyridoxal phosphate could be a functional predecessor of thiamine pyrophosphate and speculations on a primordial metabolism

Andreas Kirschning

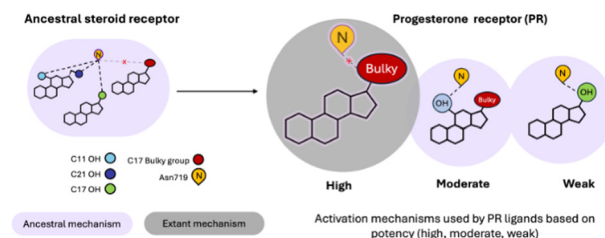


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Ancient and modern mechanisms compete in progesterone receptor activation

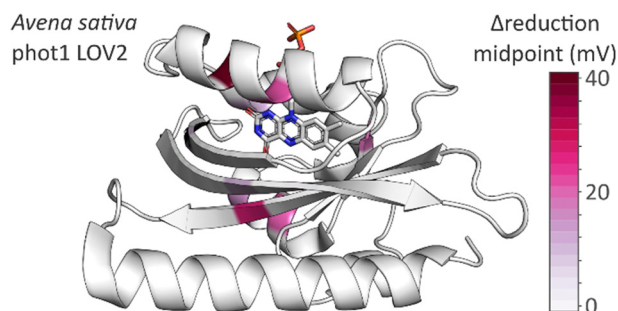
Sabab Hasan Khan, Namita Dube, Nishanti Sudhakar, Olivia Fraser, Priscilla Villalona, Sean M. Braet, Stephanie Leedom, Erin R. Reilly, Jacob Sivak, Kenidee Crittenden and C. Denise Okafor*



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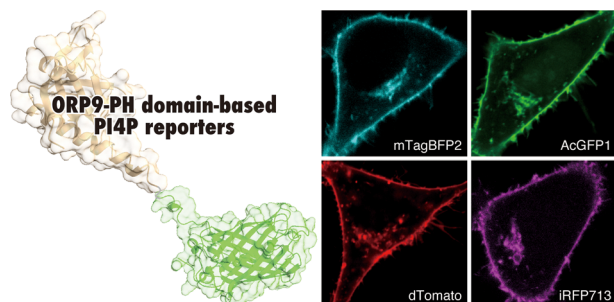
Reduction midpoint potential of a paradigm light–oxygen–voltage receptor and its modulation by methionine residues

Andrés García de Fuentes and Andreas Möglich*



PAPERS

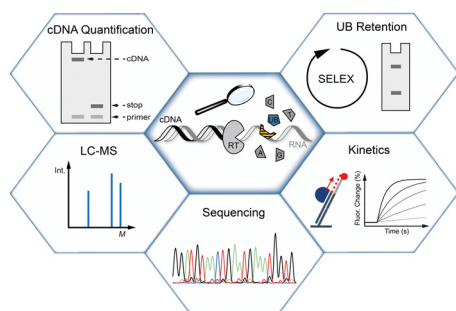
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ORP9-PH domain-based fluorescent reporters for visualizing phosphatidylinositol 4-phosphate dynamics in living cells

Moeka Ajiki, Masaru Yoshikawa, Tomoki Miyazaki, Asami Kawasaki, Kazuhiro Aoki, Fubito Nakatsu* and Shinya Tsukiji*

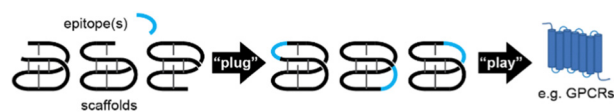
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Reverse transcription as key step in RNA *in vitro* evolution with unnatural base pairs

Eva S. Hoffmann, Mareike C. De Pascali, Lukas Neu, Christof Domnick, Alice Soldà and Stephanie Kath-Schorr*

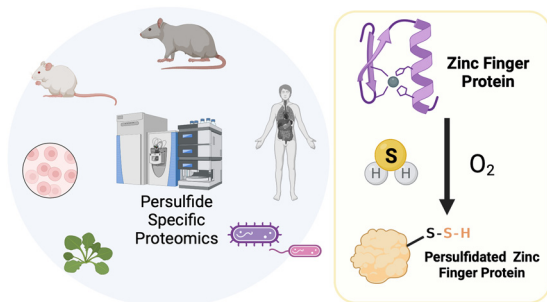
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Chemical synthesis of grafted cyclotides using a "plug and play" approach

Johannes Koebach,* Edin Muratspahić, Zakaria M Ahmed, Andrew M White, Nataša Tomašević, Thomas Durek, Richard J Clark, Christian W Gruber and David J Craik*

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Mining proteomes for zinc finger persulfidation

Haoju Li, Andrew T. Stoltzfus and Sarah L. J. Michel*

