

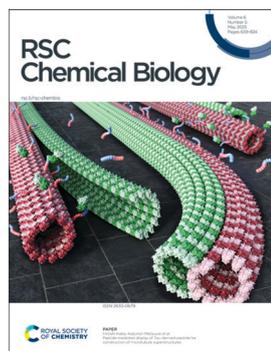
# RSC Chemical Biology

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## IN THIS ISSUE

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See Hiroshi Inaba, Kazunori Matsuura *et al.*, pp. 737–745. Image reproduced by permission of Hiroshi Inaba, Kazunori Matsuura from *RSC Chem. Biol.*, 2025, 6, 737.



### Inside cover

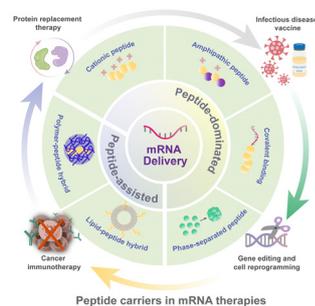
See Sabine Schneider *et al.*, pp. 731–736. Image reproduced by permission of Simsir, Walter, Sahin, Carell, Schneider from *RSC Chem. Biol.*, 2025, 6, 731.

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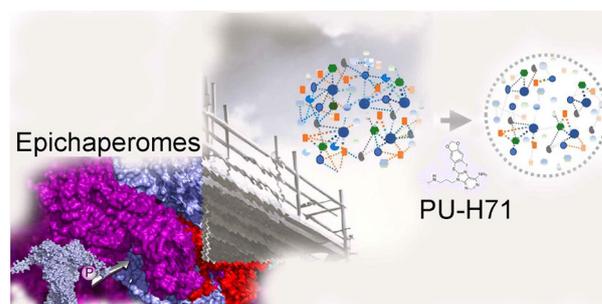
Huiting Liang, Yun Xing, Kexin Wang, Yaping Zhang,\* Feng Yin\* and Zigang Li\*



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### Epichaperomes: redefining chaperone biology and therapeutic strategies in complex diseases

Chiranjeevi Pasala, Chander S. Digwal, Sahil Sharma, Shujuan Wang, Alessia Bubula and Gabriela Chiosis\*



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Fundamental questions  
Elemental answers

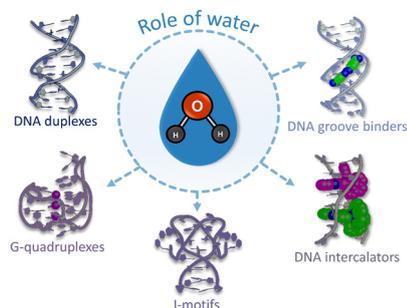


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## The role of water in mediating DNA structures with epigenetic modifications, higher-order conformations and drug–DNA interactions

Roshan Satange and Ming-Hon Hou\*

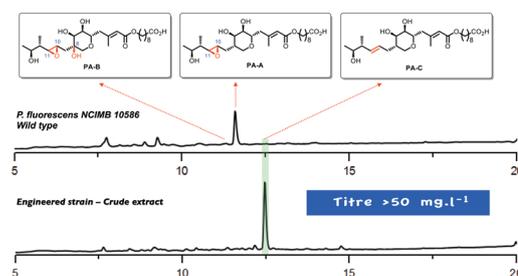


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## Synthetic biology routes to new and extinct natural products

Thomas J. Simpson

Pathway engineering to optimise biosynthesis of improved antibiotic structure

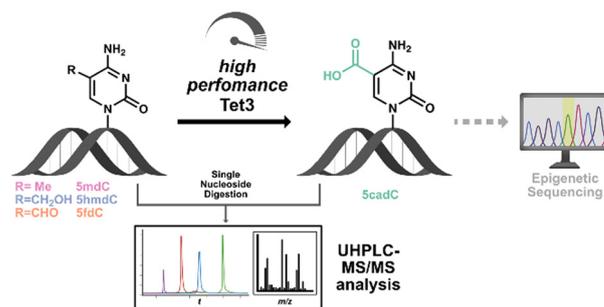


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## Novel Tet3 enzymes for next-generation epigenetic sequencing

Özge Simsir, Tobias Walter, Hanife Sahin, Thomas Carell\* and Sabine Schneider\*

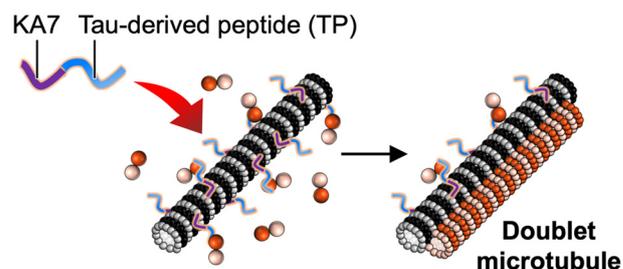


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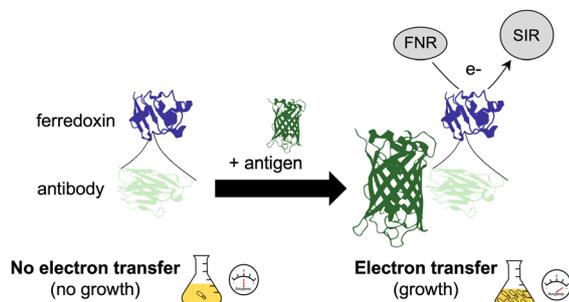
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## Peptide-mediated display of Tau-derived peptide for construction of microtubule superstructures

Hiroshi Inaba,\* Daichi Kageyama, Soei Watari, Mahoko Tateishi, Akira Kakugo and Kazunori Matsuura\*



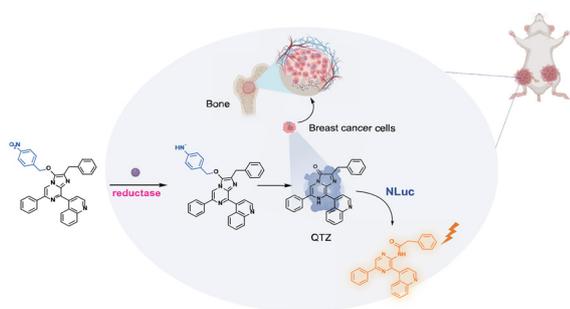
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## Regulating ferredoxin electron transfer using nanobody and antigen interactions

Albert Truong and Jonathan J. Silberg\*

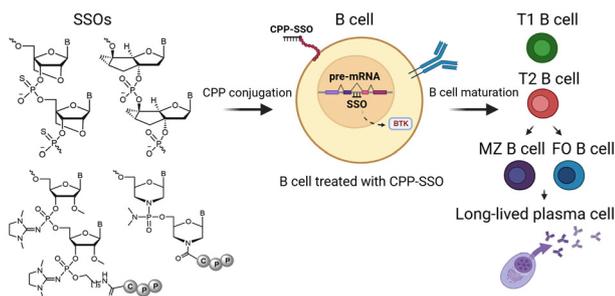
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## Real-time bioluminescence imaging of nitroreductase in breast cancer bone metastasis

Kang Lu, Mengxi Zhang, Zuotong Tian and Han Xiao\*

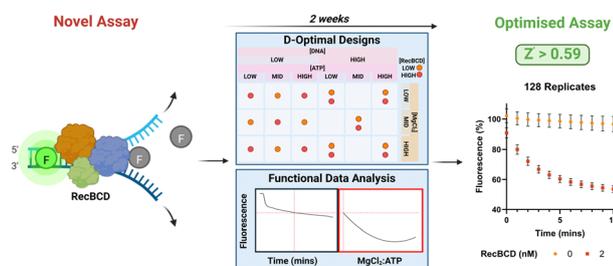
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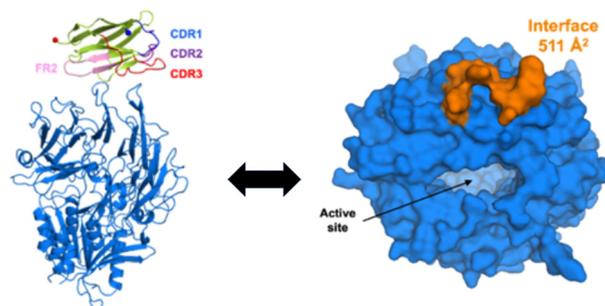
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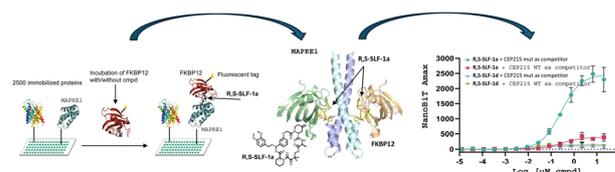
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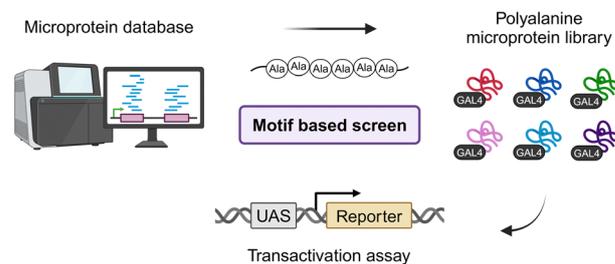
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Archita Agrawal and Alan Saghatelian\*



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Zenon Toprakcioglu, Akhila K. Jayaram and Tuomas P. J. Knowles\*

