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See Ibai E. Valverde, David Monchaud *et al.*, pp. 456–465. Image reproduced by permission of David Monchaud from *RSC Chem. Biol.*, 2023, **4**, 456.

EDITORIAL

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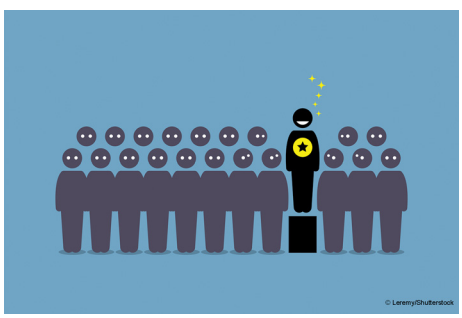
Outstanding Reviewers for *RSC Chemical Biology* in 2022



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The multivalent G-quadruplex (G4)-ligands MultiTASQs allow for versatile click chemistry-based investigations

Francesco Rota Sperti, Jérémie Mitteaux, Joanna Zell, Angélique Pipier, Ibai E. Valverde* and David Monchaud*

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PAPERS

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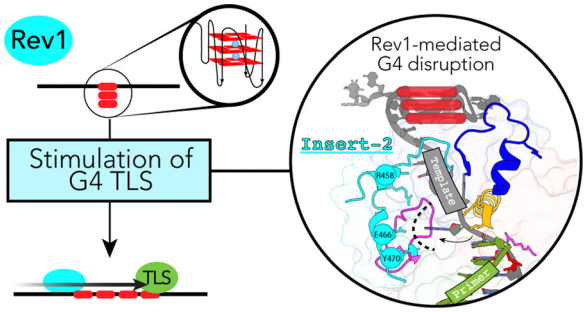
Conservation of the insert-2 motif confers Rev1 from different species with an ability to disrupt G-quadruplexes and stimulate translesion DNA synthesis

Amit Ketkar, Reham S. Sewilam, Mason J. McCrury, Jaycelyn S. Hall, Ashtyn Bell, Bethany C. Paxton, Shreyam Tripathi, Julie E.C. Gunderson and Robert L. Eoff*



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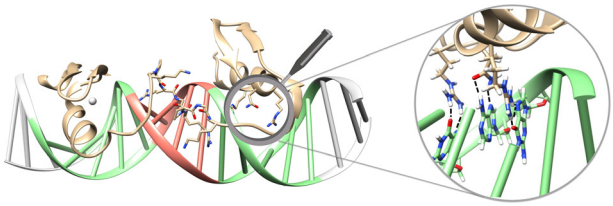
Molecular dynamics modelling of the interaction of a synthetic zinc-finger miniprotein with DNA

Jessica Rodriguez,* Federica Battistini, Soraya Learte-Aymamí, Modesto Orozco* and José L. Mascareñas*



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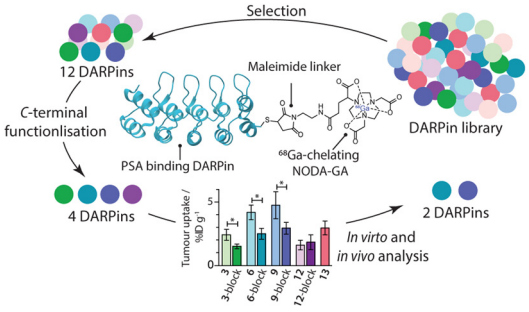
Designed ankyrin repeat proteins for detecting prostate-specific antigen expression *in vivo*

Melanie Gut, Birgit Dreier, Sven Furler, Jens Sobek, Andreas Plückthun and Jason P. Holland*



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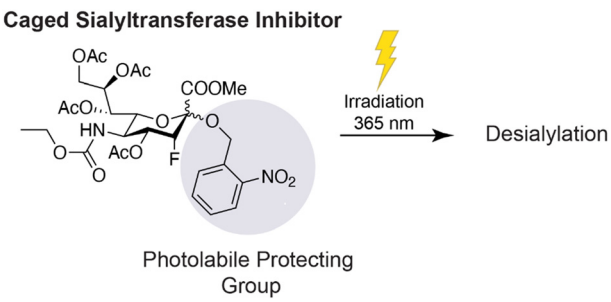
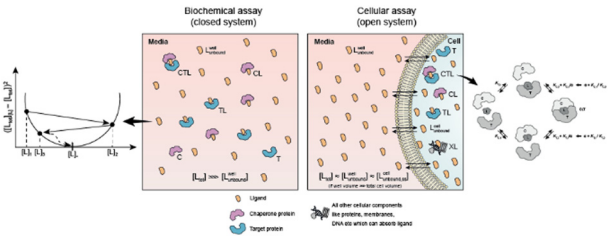
UV light-induced spatial loss of sialic acid capping using a photoactivatable sialyltransferase inhibitor

Sam J. Moons, Daniël L.A.H. Hornikx, Mikkel K. M. Aasted, Johan F.A. Pijnenborg, Matteo Calzari, Paul B. White, Yoshiki Narimatsu, Henrik Clausen, Hans H. Wandall, Thomas J. Boltje* and Christian Büll*





A model-informed method to retrieve intrinsic from apparent cooperativity and project cellular target occupancy for ternary complex-forming compounds

Richard R. Stein,* Marianne Fouché, Jeffrey D. Kearns and Hans-Joerg Roth*

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