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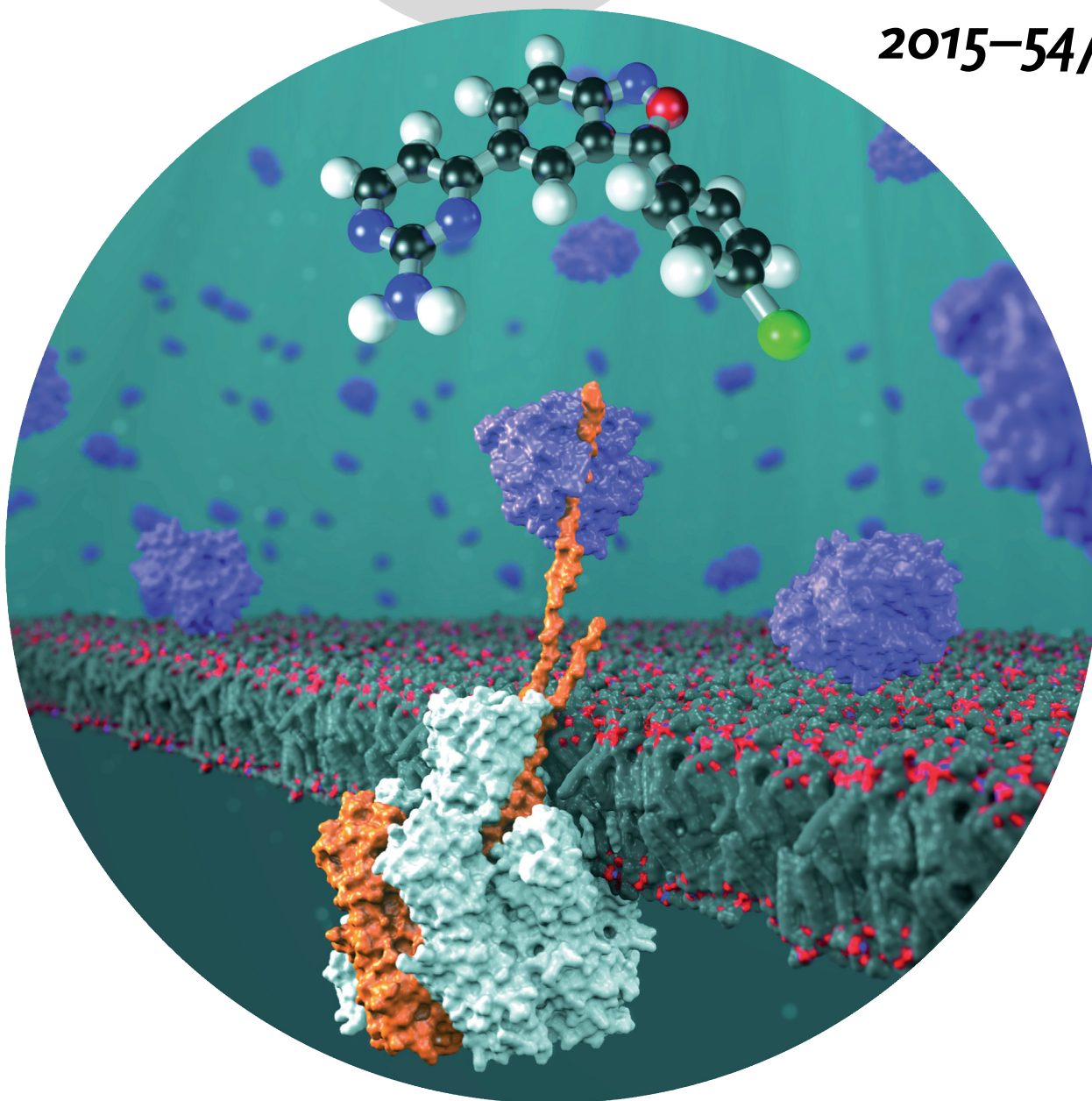
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A nanopore-based label-free kinase inhibitor assay ...

... is described by H. Bayley et al. in their Communication on page 8154 ff. An α -hemolysin pore (white) in an artificial membrane binds kinase proteins (purple) through a modified subunit bearing a genetically fused peptide (orange). Binding of kinase molecules in the presence of nucleotides and inhibitors is observed in real-time by monitoring the flow of ionic current through the pore, and yields reliable inhibition constants for prospective drug molecules.

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