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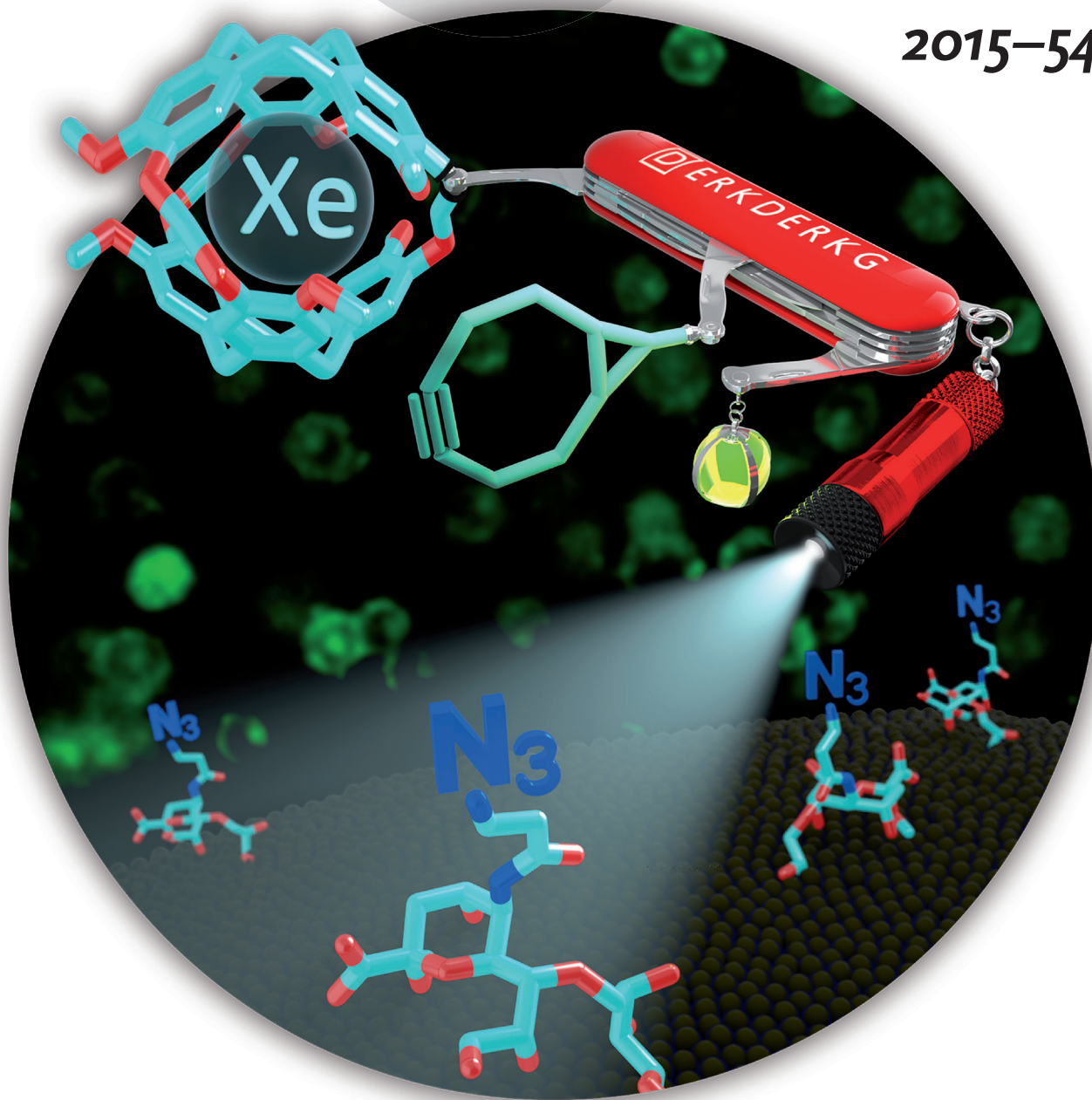
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Xenon Hyper-CEST biosensors ...

... are a new class of MRI contrast agents that can be used to image molecular markers at far lower concentrations than can be achieved with conventional agents. In their Communication on page 2806 ff., L. Schröder, C. P. R. Hackenberger et al. report the combination of this agent with a modular bioorthogonal labeling reagent to image metabolically labeled cell-surface glycans, a target that still eludes conventional MRI contrast agents. Artwork: Barth van Rossum.

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