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Cover Illustration: High-resolution crystal structure of full-length hammerhead ribozyme (Protein Data Bank code: 3zp8; Anderson M, Schultz EP, Martick M, Scott WG. 2013. Active-site monovalent cations revealed in a 1.55-Å-resolution hammerhead ribozyme structure. *J Mol Biol* **425**: 3790–3798). Image details show RNA—ribbon-plate representation, hammerhead enzyme strand—orange, hammerhead substrate strand—green; Na^+ ions—magenta. The image was generated with the Accelrys Discovery Studio Visualizer. Cover image provided by the Jena Library of Biological Macromolecules—JenaLib (jenalib.fli-leibniz.de).

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