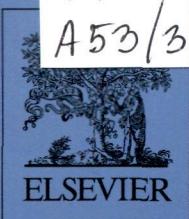


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VOLUME 832 17 JUNE 2014 ISSN 0003-2670

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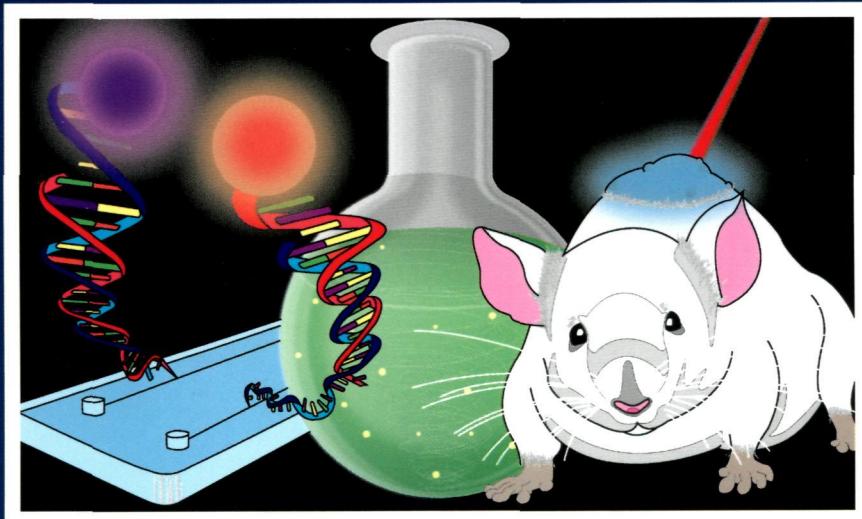
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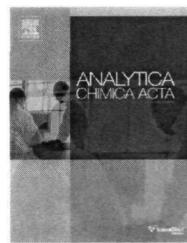


Review Article

Lanthanide upconversion nanoparticles and applications in bioassays and bioimaging: A review

Matthew V. DaCosta, Samer Doughan,
Yi Han and Ulrich J. Krull

(Published on pp. 1–33 of this issue)

available at www.sciencedirect.com**ScienceDirect**journal homepage: www.elsevier.com/locate/aca

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