

A Journal of the Gesellschaft Deutscher Chemiker

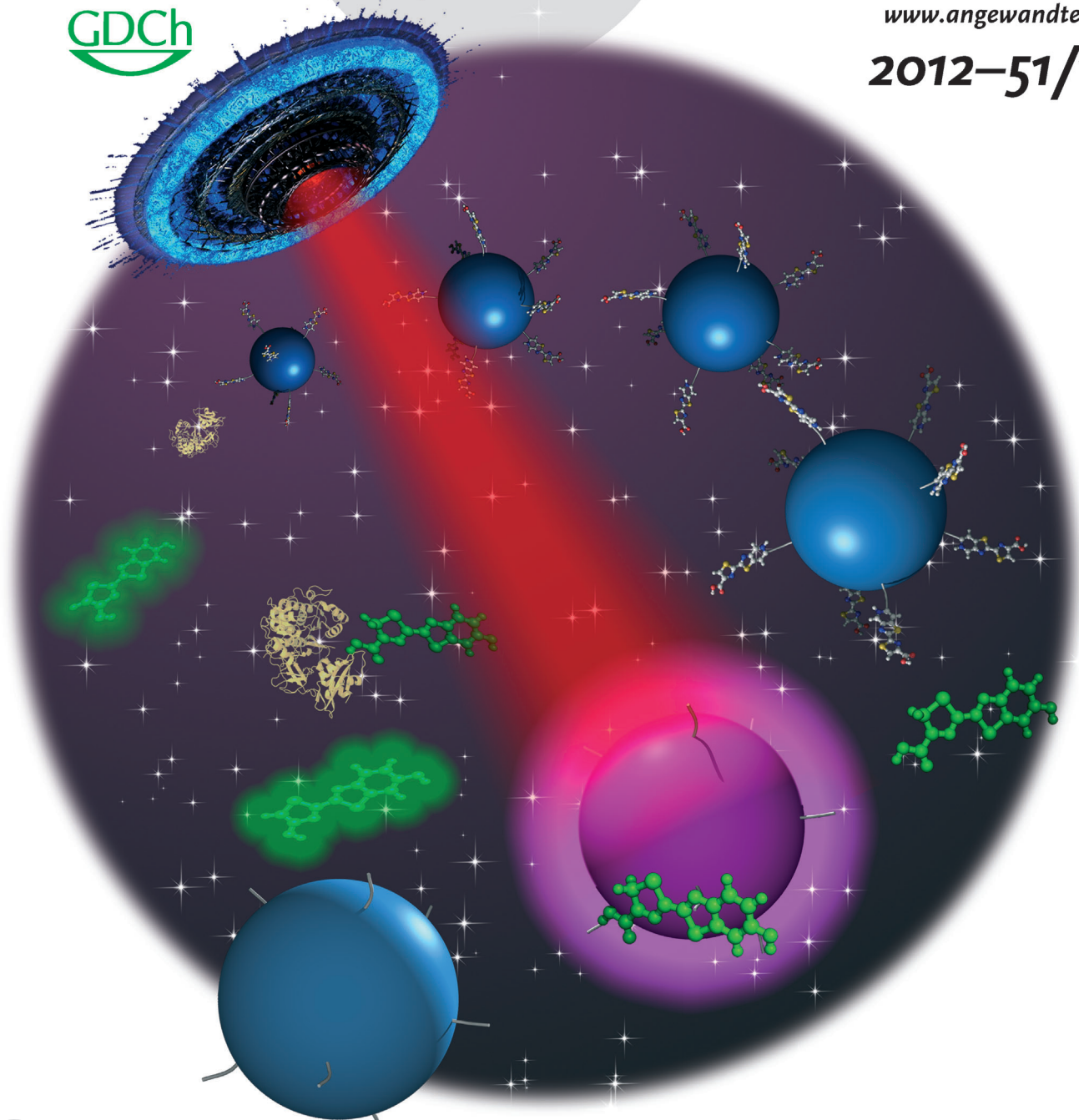
# Angewandte Chemie

International Edition

GDCh

www.angewandte.org

2012–51/13



## Bioconjugation of photocaged D-luciferin ...

... with upconversion nanoparticles (UCNPs) for uncaging and bioluminescence imaging is reported by X. Liu, B. Xing, and co-workers in their Communication on page 3125 ff. Photon upconversion of near-infrared light by the biocompatible UCNPs causes D-luciferin to be released from the surface of the UCNPs, thus resulting in enhanced bioluminescence signals in vitro and in vivo with deep light penetration and minimum cell damage.

 WILEY-VCH