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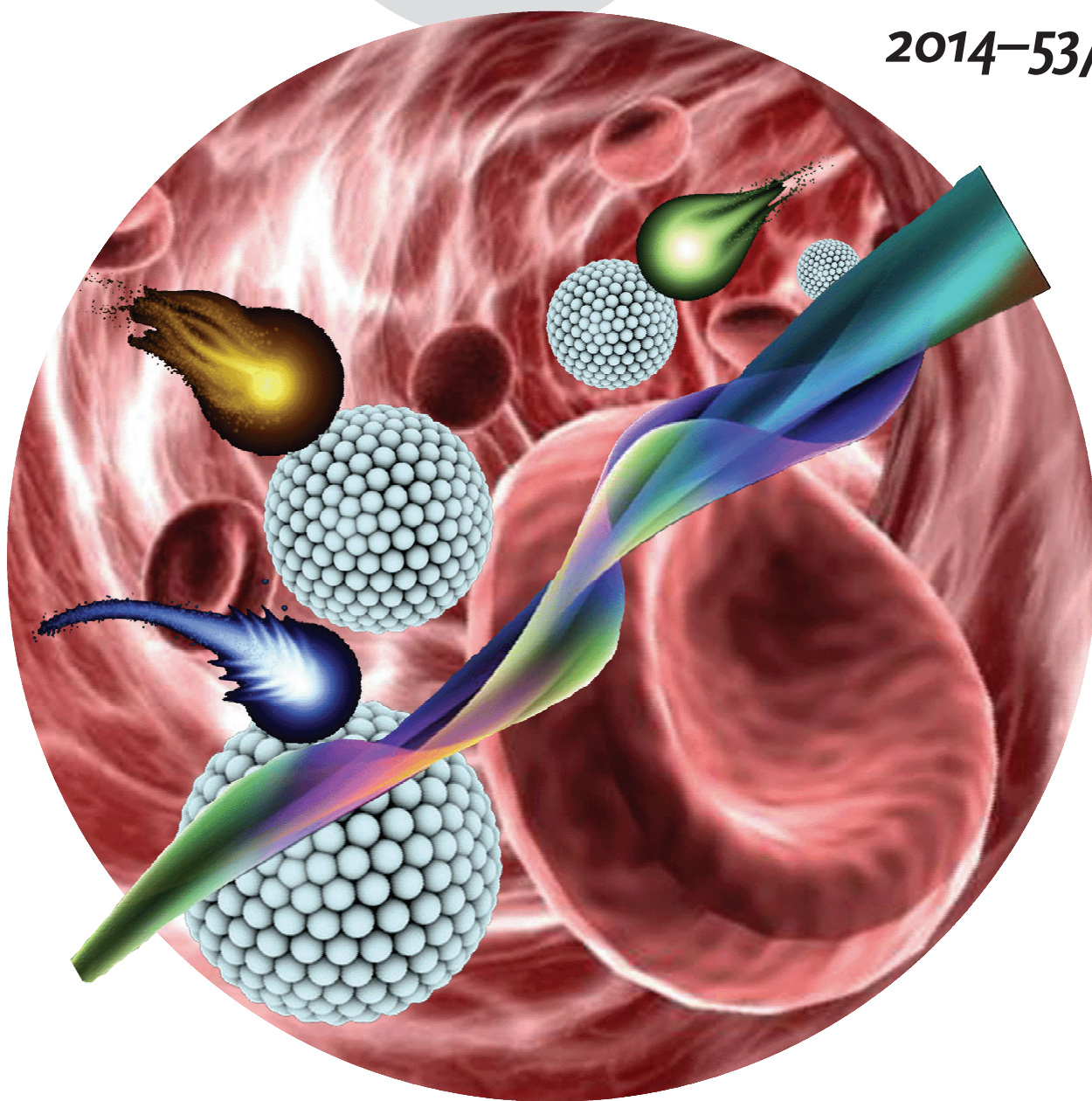
# Angewandte Chemie

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## Nanocrystals ...

... with a  $\beta$ -NaGdF<sub>4</sub>/Na(Gd,Yb)F<sub>4</sub>:Er/NaYF<sub>4</sub>:Yb/NaNdF<sub>4</sub>:Yb core/shell1/shell2/shell3 structure were synthesized and used as probes for in vivo bioimaging. F. Zhang et al. explain in their Communication on page 12086 ff. that the nanocrystals can be excited by near-infrared (800 nm) radiation and emit short-wavelength infrared (1525 nm) radiation, which renders the probe detectable in tissues at depths of up to 18 mm with a low detection threshold.

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