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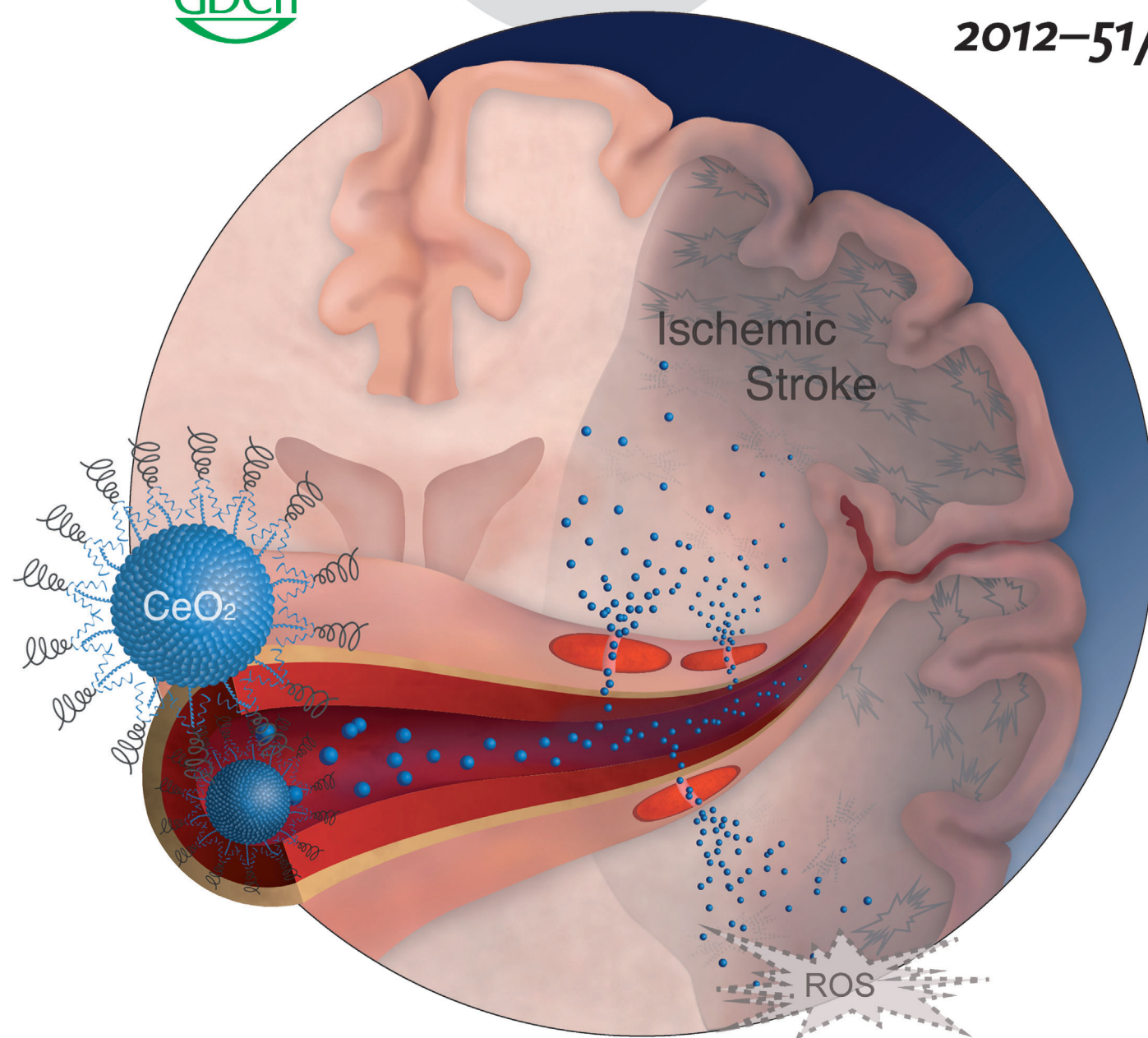
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Ceria nanoparticles ...

... are known to exhibit free-radical scavenging activity by reversibly binding oxygen. In their Communication on page 11039 ff., S.-H. Lee, T. Hyeon, et al. show that discrete, uniform 3 nm PEGylated ceria nanoparticles can protect against ischemic stroke by scavenging reactive oxygen species and reducing apoptosis. Optimal doses of ceria nanoparticles reduce infarct volumes and the rate of ischemic cell death, and target the infarct site in vivo.

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