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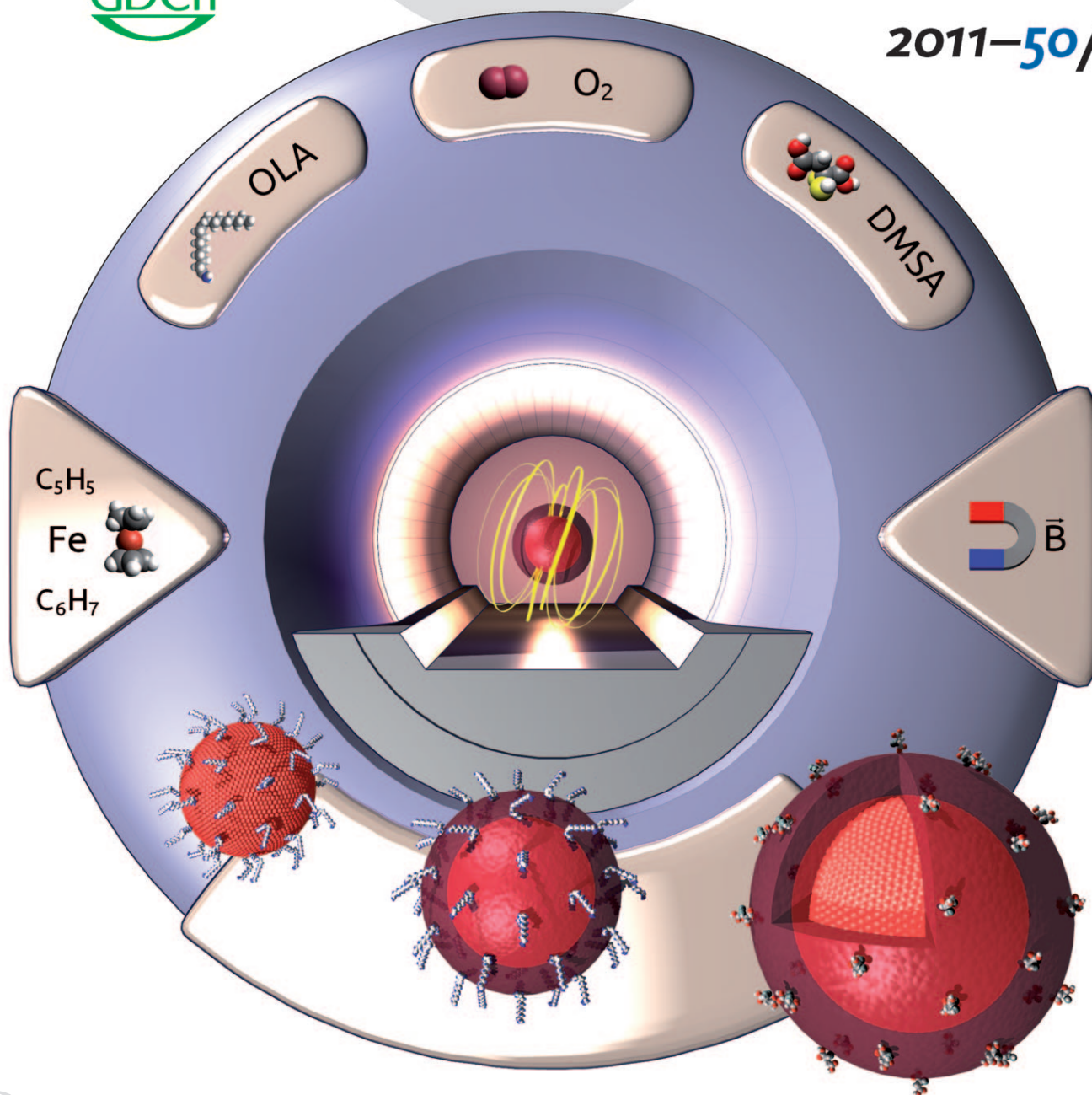
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Back Cover

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Strongly magnetic single-crystal iron core/iron oxide shell nanoparticles have been synthesized in a facile manner without the need for highly toxic precursors (DMSA = dimercaptosuccinic acid, OLA = oleylamine). R. D. Tilley et al. describe in their Communication on page 4206 ff., how the nanoparticles are highly effective as negative contrast agents for magnetic resonance imaging. In vivo studies show that the core/shell nanoparticles enable the successful detection of tumors as small as 1–3 nm.

