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Biomimetic Mussel Adhesive Inspired Clickable Anchors Applied to the Functionalization of Fe₃O₄ Nanoparticles

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by Anja S. Goldmann, Christine Schödel, Andreas Walther, Jiayin Yuan, Katja Loos,
and Axel H. E. Müller

Figure S1. ¹³C-APT NMR spectrum of Alkyne-Dopamine

Figure S2. gs-HSQC- $^1\text{H}/^{13}\text{C}$ -NMR spectrum of Alkyne-Dopamine

Figure S3. Fluorescence emission spectrum of N_3 -Rhodamine dissolved in THF (excitation wavelength 543 nm)

Figure S4. FT-IR spectrum of oleic acid stabilized Fe_3O_4 nanoparticles

Figure S5. Reference reaction of non-click-functionalized Fe_3O_4 nanoparticles with N_3 -PEG showing no PEG shell (in DMSO).