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Supplementary Figure Legends

Supplementary Figure 1. Regions-of-interests (ROIs) for signal-to-noise (SNR) and contrast-to-noise (CNR) measurements. To determine the impact of GdAuNP on the T1-weighted signal, ROIs were drawn to calculate the CNR between areas with and without contrast injections. To assess the SNR, a noise measurement from outside the brain was used in comparison to brain tissue.