In reply to Zou et al. “New amyloid plaques or a game of hide-and-seek?”

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We appreciate, but disagree with, Zou et al’s comments regarding potential technical issues in the in vivo imaging. Our control experiments, including explicit criteria for inclusion and exclusion of new plaques, the presence of other plaques in the field that are observed by the dyes, the use of different freely diffusible well characterized dyes (both topical application and intraperitoneal application for a dye that that we have previously formally demonstrated to readily cross the blood brain barrier) and concurrent imaging of neurites and blood vessels to ensure quality of imaging per se all, in our opinion, argue against their concerns.