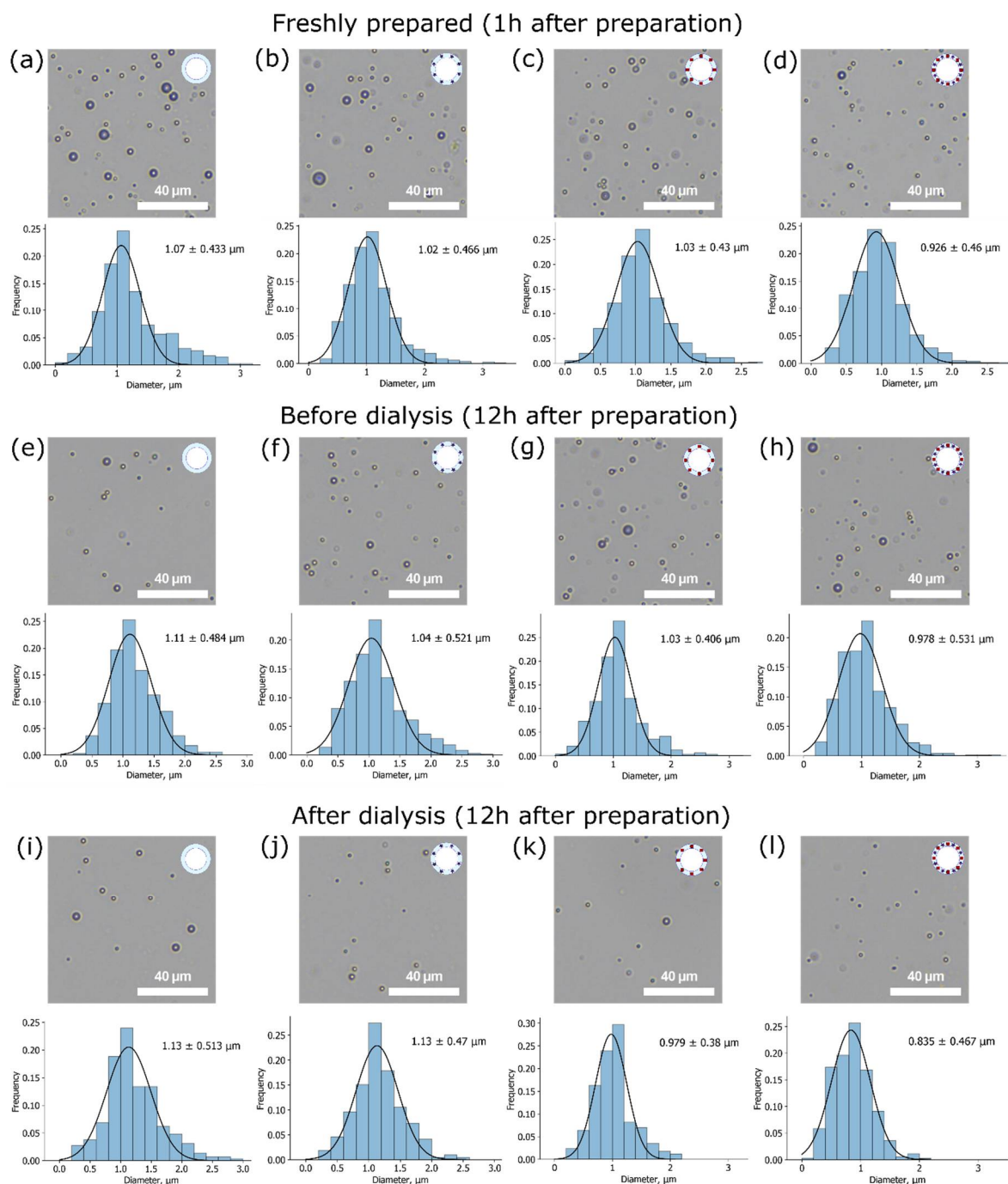


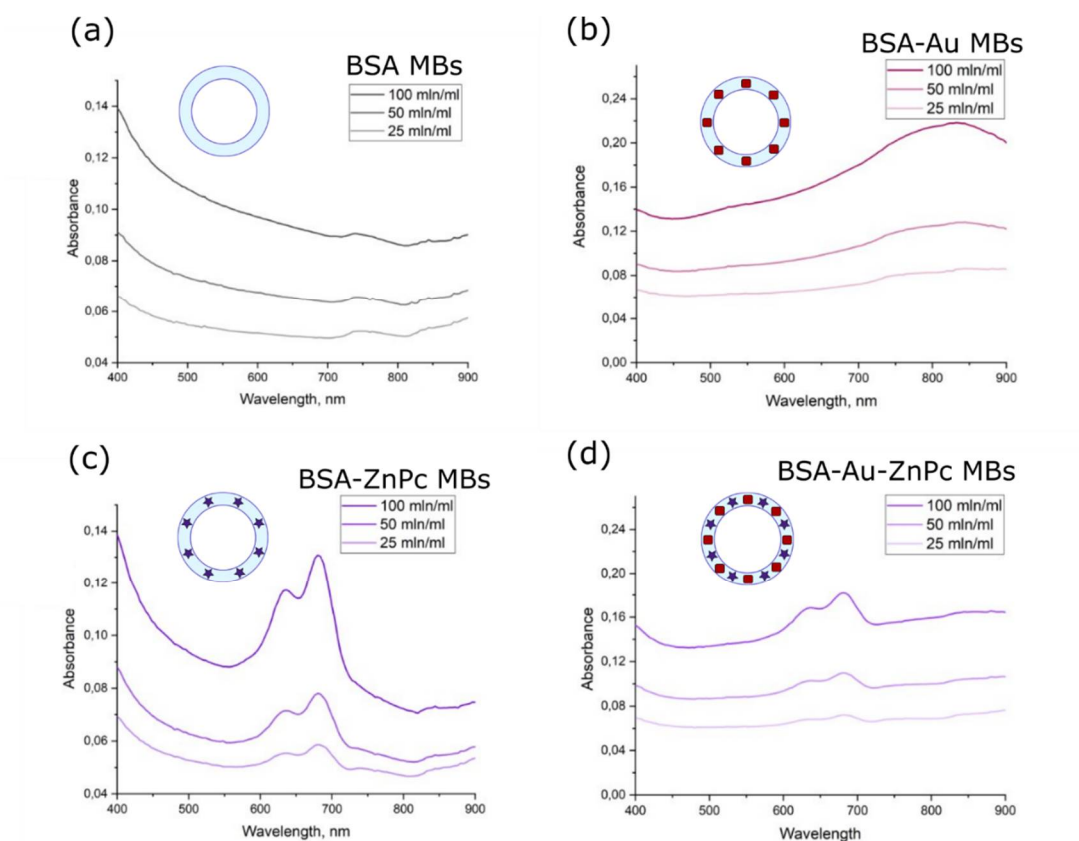
# Supplementary Materials: Air-Filled Microbubbles Based on Albumin Functionalized with Gold Nanocages and Zinc Phthalocyanine for Multimodal Imaging

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**Figure S1.** Optical microscopy (OM) images and microbubbles size distributions of freshly prepared MBs (upper panel): (a) BSA MBs, (b) BSA-ZnPc MBs, (c) BSA-Au MBs, (d) BSA-Au-ZnPc MBs; 12 hours after the preparation (middle panel):

(e) BSA MBs, (f) BSA-ZnPc MBs, (g) BSA-Au MBs, (h) BSA-Au-ZnPc MBs; after 12 hours of dialysis: (i) BSA MBs, (j) BSA-ZnPc MBs, (k) BSA-Au MBs, (l) BSA-Au-ZnPc MBs.



**Figure S2.** The extinction spectra of the freshly prepared MBs in the concentrations of 100, 50 and 25 million of MBs per mL: (a) BSA MBs, (b) BSA-Au MBs, (c) BSA-Zn MBs; (d) BSA-Au-ZnPc MBs.