

Supporting Information for

**Facile Synthesis, Pharmacokinetic and Systemic Clearance  
Evaluation, and Positron Emission Tomography Cancer Imaging of  
<sup>64</sup>Cu-Au Alloy Nanoclusters**

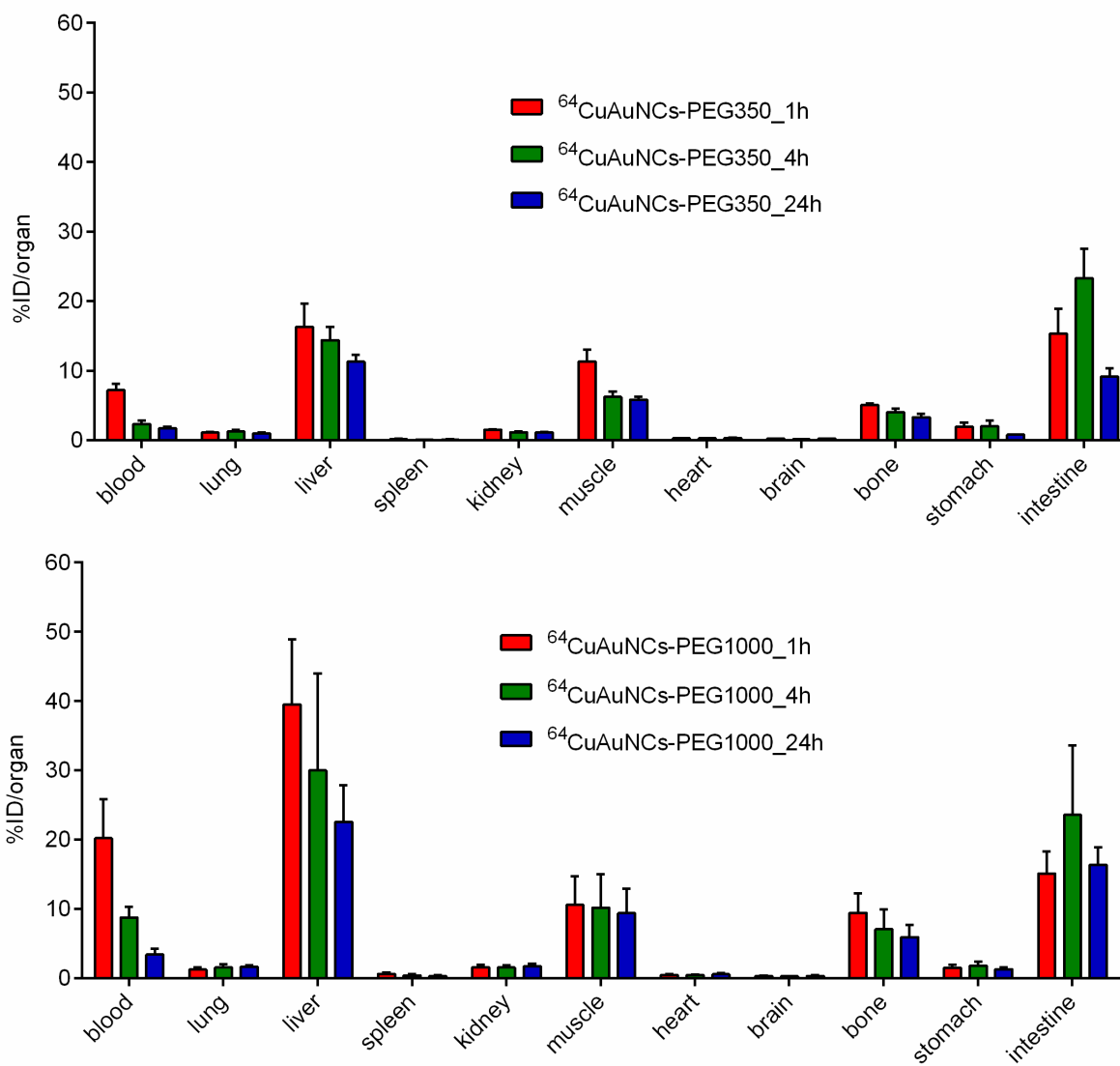
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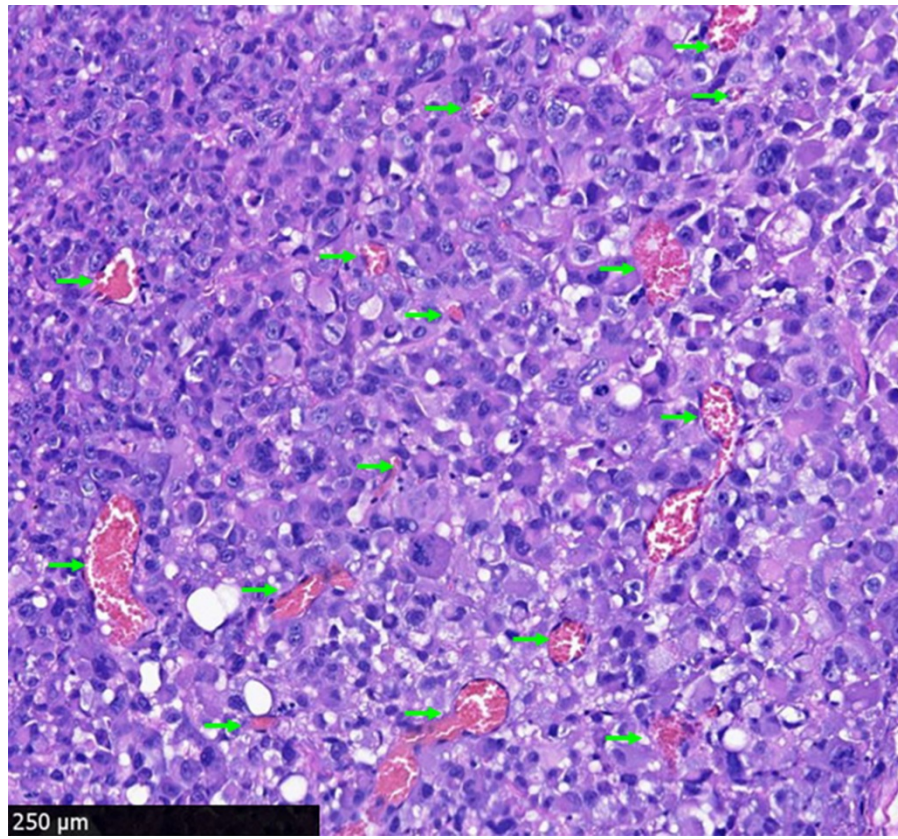
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This work was supported in part by a start-up fund from Mallinckrodt Institute of Radiology,  
Washington University.



**Figure S1.** Biodistribution of a)  $^{64}\text{CuAuNCs-PEG350}$  and b)  $^{64}\text{CuAuNCs-PEG1000}$  in wild-type C57BL/6 male mice at 1 h, 4 h, and 24 h post intravenous injection presented in %ID/organ.



**Figure S2.** Hematoxylin and eosin staining of PC3 tumor tissue showing the active angiogenesis process (green arrow: microvessel).