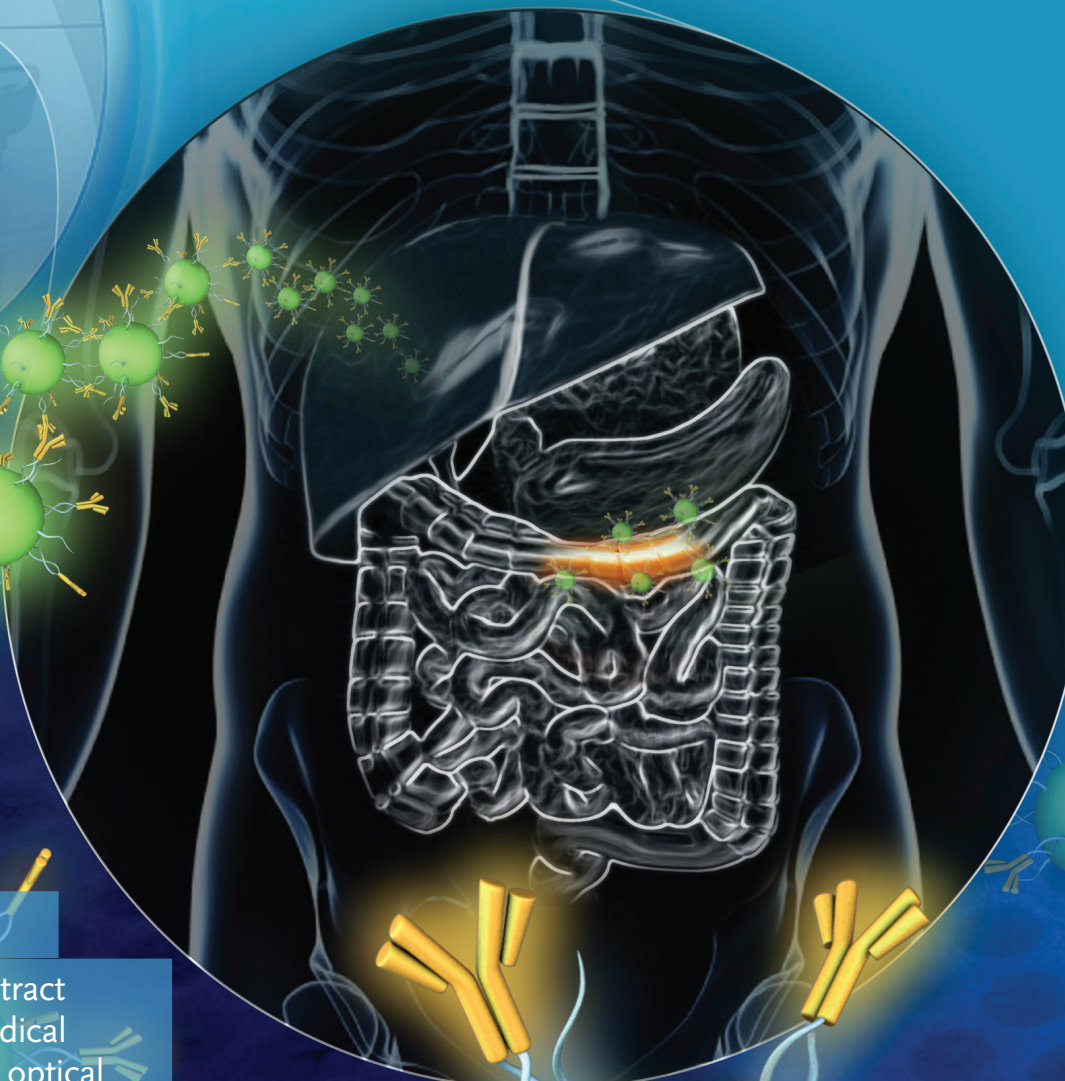


ADVANCED MATERIALS



NANOPARTICLES

Rare earth (RE) nanoparticles attract considerable attention in biomedical applications due to their unique optical and magnetic properties associated with f-electrons. On page 6922, M. Y. Gao and co-workers summarize the recent achievements in controlled synthesis of magnetic and luminescent RE nanoparticles, surface modification, and toxicity studies of RE nanomaterials, and highlight state-of-the-art in vivo applications of RE nanoparticles.

