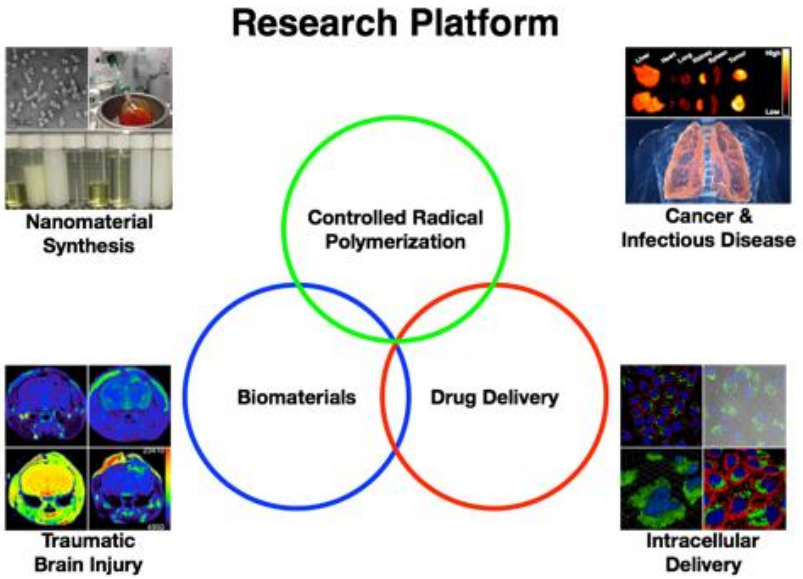
Nanoparticle-based Therapies for Traumatic Brain Injury

Research Areas

- Peptide-targeted polymeric prodrugs for the treatment of cancer
- Nanoparticle-based therapies for the treatment of traumatic brain injury
- Polymer-bioglass nanogels for hemostatic & wound healing applications
- Antimicrobial polymer-bioglass nanostructures
- RAFT polymerization and 3D printed nanoparticles



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Keywords

Biomaterials, drug delivery, polymeric prodrugs, targeted cancer therapy, antimicrobial polymers, wound healing, traumatic brain injury, hemostatic agents, polymers bioglass, sol-gel chemistry, RAFT polymerization

Selected Publications

Polym. Chem. 2018 Advance Article, *Polym. Chem.* 2015 25;7(4):826-837, ACS Nano, 11 (9), 8600-8611 (2017)