



Journal of Nanomaterials

Special Issue on
**Nanobiomaterials for Advanced Healthcare:
Therapeutics Delivery and Diagnosis**

CALL FOR PAPERS

Health is a huge challenge in 21st century. Recently, healthcare has received considerable attention. For conventional disease therapy method, it is necessary to carry out diagnosis to understand the cellular phenotype and heterogeneity of the disease and then use appropriate method for disease treatment and increase the survival time and the quality of life of the patient. In order to achieve these goals, various strategies have been employed to deliver diagnostic agents and drugs for disease diagnosis and treatment, such as micelles, liposomes, dendrimers, metal nanoparticles (gold nanoparticles, magnetic nanoparticles, quantum dot, etc.), mesoporous materials, and carbon nanotubes, have shown potential for successful delivery. These delivery systems' biocompatibility and intracellular fate are important factors for disease therapy.

Potential topics include, but are not limited to:

- ▶ Nanobiomaterials for targeting drug delivery
- ▶ Nanobiomaterials for gene delivery
- ▶ Nanobiomaterials for oral drug delivery
- ▶ Nanobiomaterials for oral gene delivery
- ▶ Noninvasive imaging contrast agent
- ▶ Nanomaterials for biosensing
- ▶ Polymeric nanomaterials for drug delivery
- ▶ Nanotoxicology
- ▶ Uptake and intracellular fate of nanoparticles
- ▶ Nanofibers/nanocomposite scaffolds for drug delivery

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