

Tentative Outline

Special Thematic Issue for Current Nanoscience

New Nanotechnology to Improve Bioavailability or Bioaccessibility of Active Components

Guest Editors: Dr. Xiuhua Zhao

Aims & Scope:

Nanotechnologies, such as microcapsules, hydrogels, emulsions and liposomes, have developed rapidly in recent years, and the application of nanotechnology in the fields of food and medicine has attracted wide attention. Therefore, the development of novel nanotechnology and the preparation of new nanocarriers are of great significance. The aim of this special issue is to develop new nanotechnology, prepare new functional carriers and explore their application in improving the bioavailability or bioaccessibility of the active ingredients.

Subtopics:

The subtopics to be covered within this issue are listed below:

- Research on the novel preparation technology of nanoparticles
- Preparation, characterization and application of novel functional nanocarriers
- Preparation of water-soluble nano-drugs with novel biological carriers
- Novel nanotechnology improves the stability and bioavailability of the active ingredients in food
- Research on the polymer nanodrug delivery
- Preparation of nano-eutectic for improving water solubility and bioavailability

Schedule:

- ✧ Manuscript submission deadline: February 2020
- ✧ Peer Review Due: May 2020
- ✧ Revision Due: July 2020
- ✧ Final manuscripts due: March 2021.

Contacts:

Guest Editor: Dr. Xiuhua Zhao

Affiliation: Northeast Forestry University, Harbin, Heilongjiang, China

Email: xiuhuazhao@nefu.edu.cn

Any queries should be addressed to cnano@benthamscience.org.