

Tentative Outline

Special Thematic Issue for Combinatorial Chemistry & High Throughput Screening Synthesis, characterization, and biological screening of nanomaterials and biomaterials

Guest Editors: Professor Firdos Alam Khan PhD

Aims & Scope:

The aim of the issue to attract the advanced research happening in the field of nanomaterials and biomaterials which are potentials for the biological and medical applications. The biomaterials or nanomaterials are synthesized and characterized and can be biologically screen for their applications especially in the diagnosis and treatments of diseases and development of bioproducts. Biomaterials and nanomaterials recently have shown tremendous potentials for models for drug delivery, drug encapsulation, and combination therapy where potential drug molecules can be combined or cross linked with nanomaterials. These nanomaterials are having superior targeted delivery, and bioavailability capabilities.

Keywords: Nanomaterials, biomaterials, chemical synthesis, biological screening, biological applications

Subtopics:

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

1. Nanomaterials & biomaterials for cancer diagnosis and treatments
2. Nanomaterials & biomaterials for neurological disease diagnosis and treatments
3. Nanomaterials & biomaterials as anti-bacterial, ani-viral and antifungal agents
4. Nanomaterials & biomaterials for stem cells differentiation and regenerative medicine
5. Nanomaterials & biomaterials for other biological applications

Schedule:

- ✧ Manuscript submission deadline: June 1, 2020
- ✧ Peer Review Due: 30th July, 2020
- ✧ Revision Due: 30th Aug, 2020
- ✧ Announcement of acceptance by the Guest Editors: 30th Sep, 2020
- ✧ Final manuscripts due: 30th Oct, 2020

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