

Tentative Outline

Special Thematic Issue for Combinatorial Chemistry & High Throughput Screening

Contemporary Issues On Pharmaceutical Researches

Guest Editors: Prof. Dr. Bengi Uslu, Dr. Sevinc Kurbanoglu, Cem Erkmen

Aims & Scope:

The main aim of the issue will be reviewing innovative and contemporary issues on pharmaceutical researches based on not only on drug or drug compounds analysis but also pharmaceutical technology, biotechnology, bioassays, medicinal chemistry, forensic chemistry, microbiology, pharmaceutical chemistry, pharmacology, clinical pharmacy, biochemistry, natural, food and herbal products, drug toxicity research and so on.

This special issue will contribute to the field of chemistry since the recent developments about multidisciplinary issues are important and continuous. This special issue in "Combinatorial Chemistry & High Throughput Screening" will combine not only all different pharmaceutical topics together, to support the prosperity of multidisciplinary works, but also development of new combined researches to support the importance of pharmaceutical studies.

In the evaluation of the studies, firstly, the contribution of the study to science and its originality will be examined. In the selection of the studies to be published, the studies which has novel methods, and completely new in the application, will be preferred. Multidisciplinary studies will be chosen in this special issue and in this way, we believe that this special issue will gain a lot of citations and attraction among all other authors.

Moreover, we expect that research and development centers operating in the pharmaceutical industry will be interested in this platform. We will invite worldwide authors to contribute this special issue and when we think scope of this platform, we believe that it will appeal to a large number of readers and there will be a lot of request for this special issue.

Keywords: Biotechnology, Bioassays, Medicinal Chemistry, Pharmacognosy, Pharmacology, Biomarkers, Combinatorial Chemistry, Analytical Chemistry.

Subtopics:

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

1. Combinatorial and high-throughput screening of materials: Materiomics
2. Biotechnology, Bioassays, Medicinal Chemistry and Natural Products Research
3. Assay design, development, miniaturization and comparison of analytical and biotechnological methods
4. Label-free detection technologies and their applications
5. Combinatorial chemistry of peptides, nucleic acids and enzymes
6. Chemo/bio-informatics, data mining
7. Pharmacognosy, Pharmacology and molecular pharmacology
8. Laboratory automation, robotics, microfluidics, signal detection technologies
9. Combinatorial Pharmaceutical Chemistry
10. Alternative assay and identification methods,
11. Stem cell technologies
12. Biomarkers and biosensors
13. Proteomics, genomics and metabolomics
14. Chemometric and computer aided analysis methods
15. Solid materials (nanoparticles or polymers etc.) in pharmaceutical researches
16. Pharmacokinetics and drug activity

Schedule:

- ✧ Manuscript submission deadline: December 15, 2019
- ✧ Peer Review Due: January 15, 2020
- ✧ Revision Due: January 30, 2020
- ✧ Announcement of acceptance by the Guest Editors: February 28, 2020
- ✧ Final manuscripts due: March 30, 2020

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