

Tentative Outline

Special Issues for CURRENT TRADITIONAL MEDICINE

TITLE OF THE THEMATIC ISSUE: Naturally available Fused Heterocyclics: Prospective Lead molecules in medicinal chemistry

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Special thematic issues covering 5-6 articles in each.

Aims & Scope:

Natural products are rich source of biological active compounds. The biological activities of these compounds are primarily because of the chemical constituents. Many of these chemical possess heterocyclic moieties like pyrrole, furan, quinoline, Isoquinoline etc. Furthermore, some of the chemical constituents also possess certain chemical constituents with fused heterocyclics like acridine, indolizinoquinoline etc. Since the beginning of 20th century, heterocyclics and their derivatives were widely synthesized in order to find a suitable lead molecule which could be exploited in order to synthesize drugs for treatment of different diseases. Fused heterocyclics although are well known for their biological effectiveness but very few reviews are available that could describe their true potential. The idea of this special issue is to gather all biologically important fused heterocyclics with variety of therapeutic effectiveness in a single issue.

Keywords:

Fused Heterocyclic, Lead molecule, Natural, Plant extract

Subtopics:

Considering the theme of the issue regarding "*Naturally available Fused Heterocyclics*" the following subtopics can be covered within this issue. Some of the subtopics are listed below:

1. Prospective lead molecules of marine origin.
2. Prospective lead molecules of animal origin.
3. Prospective lead molecules of plant origin.
4. Prospective lead molecules of microbial origin.
5. Prospective lead molecules with biological potential like against cancer, malaria, microbes and other diseases.
6. Mechanistic insights of prospective lead molecules against different diseases.
7. Naturally available fused heterocyclics like pyrimidines, furan, pyrrole, pyridine, quinoline, lactone etc as prospective lead molecules.
8. Traditional uses of naturally available fused heterocyclics.
9. Naturally available nitrogen containing fused heterocyclics.

10. Naturally available sulphur containing fused heterocyclics.
11. Naturally available oxygen containing fused heterocyclics.

Schedule:

- ❖ Manuscript submission deadline: 30th Nov. 2018
- ❖ Peer Review Due: 30th Dec. 2018
- ❖ Revision Due: 30th Jan. 2019
- ❖ Announcement of acceptance by the Guest Editors: 15th Feb. 2019.
- ❖ Final manuscripts due: 28th Feb. 2019.

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