Tentative Outline

Special Issues for CURRENT TRADITIONAL MEDICINE

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

Guest Editors:
Mr. Vikas Sharma
Affiliation: ASSISTANT PROFESSOR, UNIVERSITY INSTITUTE OF PHARMA SCIENCES, CHANDIGARH UNIVERSITY, National Highway 95, Chandigarh-Ludhiana Highway, Mohali, Punjab 140413, India
Email: *vikaspharma26@gmail.com*
Co-Guest Editors:
Mr. Atul Sharma
Affiliation: ASSISTANT PROFESSOR, SCHOOL OF PHARAMCEUTICAL SCIENCES, MVN UNIVERSITY PALWAL-HARYANA, INDIA, 74th KM Stone, NH-2, Delhi-Agra Highway, Palwal, Haryana 121105
Email: *a2Lpharm@gmail.com*

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 Dec 2019**
- **Peer Review Due: 10th Feb 2020**
- **Revision Due: 30th Mar 2020**
- **Announcement of acceptance by the Guest Editors: 15th May 2020**
- **Final manuscripts due: 28th May 2020**

Contacts:

Guest Editors :

Mr. Vikas Sharma

Affiliation: ASSISTANT PROFESSOR, PHARMACEUTICAL CHEMSITRY, UNIVERSITY INSTITUTE OF PHARMA SCIENCES, CHANDIGARH UNIVERSITY, National Highway 95, Chandigarh-Ludhiana Highway, Mohali, Punjab 140413, India

Email: *vikaspharma26@gmail.com*

Biography of Guest Editor Here

Mr. Vikas Sharma is presently working as Assistant Professor at UIPS, Chandigarh University, Gharuan, Mohali, Punjab. He is the recipient of prestigious AICTE, National Doctoral Fellowship for his doctoral studies. He has around 19 national and international publications in different journals of repute. After completing his M. Pharmacy (Pharmaceutical Chemistry; 2008) he has joined a CSIR project as Senior Research Fellow at Department of Biophysics, Post Graduate Institute of Medical Education & Research, Chandigarh, India. Later on, he worked as Assistant Professor at Institute of Pharmaceutical Sciences, Kurukshetra University, Kurukshetra, Haryana, India and Department of Pharmacy, Central University of Rajasthan, Bandarsindri, Ajmer, Rajasthan.

Co-Guest Editor :

Mr. Atul Sharma

Affiliation: ASSISTANT PROFESSOR, SCHOOL OF PHARAMCEUTICAL SCIENCES, MVN UNIVERSITY PALWAL-HARYANA, INDIA, 74th KM Stone, NH-2, Delhi-Agra Highway, Palwal, Haryana 121105

Email: *a2Lpharm@gmail.com*

Biography of Co-Guest Editor Here

Mr. Atul Sharma is presently working as Assistant Professor at SPS, MVN University, Palwal, Haryana, India. He is the recipient of prestigious ERASMUS MUNDUS Doctoral Fellowship from EUPHRATES Grant for his doctoral studies. He has around 12+ national and international publications in various journals relate to the Pharmacy and Analytical Chemistry and presented his work in various national and international conferences. After completion of his M. Pharmacy (Pharmaceutical Chemistry; 2011), he joined in academia as Assistant Professor and worked in Pharmacy Institutions at Karnal (Shri Ram College of Pharmacy) and Dehradun (Siddhartha Institute of Pharmacy), India. Later on, he joined BITS Pilani University for his Doctoral Studies and Research at BITS Pilani KK Birla Goa Campus.