

## Tentative Outline

Special Issue for Current Bioactive Compounds

### **Title: Fused heterocyclics in medicinal chemistry**

**Guest Editors:** Mr. Vikas Sharma

#### **Aims & Scope:**

Fused heterocyclic compounds are well known for their biological action. In nature, many isolated compounds relates with this scaffold like camptothecin, vincristine, beta lactam antibiotics etc. The importance of these fused heterocyclics is increasing gradually. Furthermore, many of these also act as lead compounds against variety of diseases. A single thematic issue on fused heterocyclics is still to come which could present the true potential of such scaffolds in medicinal chemistry. In view of these, review and research articles are invited for the submission to this thematic issue.

#### **Subtopics:**

1. Naturally available (marine/plant/microbial origin) fused heterocyclics
2. Camptothecin and its derivatives.
3. Fused heterocyclics of medicinal importance like benzopyrrole, indolizinoquinoline, Indoloquinolines, benzothiazoles etc
4. Fused heterocyclics like camptothecin, pyridoacridines as lead molecules.
5. Fused heterocyclics as anticancer agents.
6. Fused heterocyclics as antimicrobial agents.
7. Fused heterocyclics as antimalarial agents.
8. Role of fused heterocyclics in orphan diseases.

#### **Approximate Schedule:**

- Manuscript submission deadline: **30<sup>th</sup> September 2019.**
- Peer Review Due: **10<sup>th</sup> November 2019.**
- Revision Due: **20<sup>th</sup> January 2020.**
- Announcement of acceptance by the Guest Editors: **25<sup>th</sup> January 2020.**
- Final manuscripts due: **7<sup>th</sup> March 2020.**