

## Tentative Outline

Special Issue for Current Medicinal Chemistry

Guest Editor: Dr. DH Li

### **Bioactive molecules from marine resource.**

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

In the past 50 years, over tens of thousands of molecules have been discovered from marine resource. With the development of chemical synthesis and biosynthesis, over 10 marine derived drugs have been approved by FDA and EMEA. In this theme issue, we would focus on the bioactive molecules from marine animals, plants, microorganisms, etc. The topic will include but be not limited to the latest development in small molecule discovery and structural elucidation, chemical synthesis and biosynthesis, biochemical and pharmacological study, etc. Views on current advances in marine microbiology and marine pharmacognosy are also favoured.

#### **Topics to be covered (main bioactive component):**

- (1) Natural products discovery from marine derived plants, animals, microorganisms, etc.
- (2) Chemical synthesis of marine derived natural products.
- (3) Biosynthesis of marine natural products.
- (4) Biological and pharmacological study of marine natural products.

(5) New technology and methods for disclose bioactive molecules from marine resource.

**Keywords:**

Bioactive molecules, Marine, Pharmacognosy, marine resource, biosynthesis, chemical synthesis.

**Schedule:** The final articles will be delivered by May 1<sup>st</sup> 2019.