

Tentative Outline
Special Issue for Current Organic Chemistry
Guest Editor(s): Sanghoon Ko

TITLE: Current status in engineering, applications, and mode of action of bioactive natural products

Aims & Scope:

The thematic issue entitled in ‘Current status in engineering, applications, and mode of action of bioactive natural products’ aims to provide the current state of knowledge in the fields of natural product chemistry. This thematic issue provides in-depth reviews on the current progress in the structure of natural bioactives and their properties and functions. In addition, engineering and applications of the natural bioactives in the fields of food and agriculture are covered. This thematic issue promotes communication between organic chemists who wish to acquire recent knowledge of researches and developments in the fields of natural product chemistry.

Subtopics:

- Solubilization of poorly water-soluble bioactive natural products
- Engineering, applications, and mode of action of chitosan and its derivatives as antimicrobial agents
- Bovine lactoferrin: Production, structural and functional properties, and applications
- Oxidized chemical compounds of tea polyphenols
- Current status on natural high intensity sweeteners
- Nanocarriers for the delivery of nutraceuticals: Food application

Approximate Schedule:

- Manuscript Submission Deadline: 01/31/2016
- Peer Review Due: 02/14/2016
- Revision Due: 02/28/2016
- Notification of Acceptance by the Guest Editor: 03/07/2016
- Final Manuscript Due: 03/31/2016