

Tentative Outline

Special Issue for MINI-REVIEWS IN MEDICINAL CHEMISTRY

Guest Editor: Dr. Lei Yu

GREEN TECHNIQUES IN MEDICINAL CHEMISTRY

Aims & Scope:

Environment pollution is now a big problem all around the world. Therefore, in every field, scientists are doing great effort to achieve more environment friendly solutions. Within the past decade, a variety of new techniques to prepare medicine environment-friendly have been developed. This issue of the Mini Reviews in Medicinal Chemistry aims to focus on the Green Techniques in Medicinal Chemistry.

Key words:

Green chemistry; medicinal chemistry; catalysis; environment-friendly; atom economic.

Subtopics:

Green catalyst in the drug synthesis

Reactions taken in environment-friendly solvent in the course of drug synthesis

Novel environment friendly and high atom economical methodologies in the synthesis of pharmacal intermediates

Other techniques that could obviously protect environment in medicinal chemistry.

Schedule:

Manuscript submission deadline:	May 2012
Peer Review Due:	June 2012
Revision Due:	July 2012
Notification of acceptance by the Guest Editor:	August 2012
Final manuscripts due:	August 2012