

## TENTATIVE OUTLINE

### SPECIAL ISSUE FOR CURRENT ORGANIC CHEMISTRY

#### New Efficient Strategies in Modern Synthesis

GUEST EDITORS: *Lei Yu*

#### AIMS & SCOPE:

In the past ten years, many new efficient strategies have been applied in organic synthesis, including the multi-component reactions, the highly activated building blocks, the highly efficient catalysts and the smart conversions of functional groups. These strategies helped us to synthesize the useful molecules in shorter, cheaper, simpler and cleaner way. This special issue aims to discuss on the topics of new efficient strategies in organic synthesis, which differ much from the traditional method and helped people to solve the environment problems and reduce the waste of natural resources.

#### KEYWORDS:

Synthetic strategy; atom-economic; eco-friendly; multi-component reaction; building block.

#### SUBTOPICS (Tentative):

- (1) Ag@copper film: a highly efficient and environment-friendly heterogeneous catalyst for intramolecular allylic amination.
- (2) The recent advance in asymmetric vinylogous reactions.
- (3) Construction of heterocycles through C-H activations.
- (4) Heterocycle synthesis from methylenecyclopropanes.
- (5) Green synthesis of selenium contained compounds.
- (6) Green synthesis of phosphorus contained compounds.
- (7) An Efficient and Recyclable Catalytic System for Suzuki Coupling of Aryl Chlorides
- (8) Recent Advances in Haloarene-Based Transition-Metal-Free Couplings of Carbon-Carbon and Carbon-Heteroatom Bonds.

#### APPROXIMATE SCHEDULE:

Manuscript Submission Deadline: **March' 30' 2014**

Peer Review Due: **May' 30' 2014**

Revision Due: **July'30'2014**

Notification of Acceptance by the Guest Editor: **August'30'2014**

Final Manuscript Due: **August' 30'2014**