

Tentative Outline

Special Thematic Issue for Current Dugs Metabolism

Title of the thematic issue: New methods and technology in drugs metabolism and pharmacokinetics

Guest Editors: *Wei Cai*¹, *Jiayu Zhang*²

¹ School of Pharmaceutical Sciences, Hunan University of Medicine, Huaihua, 41800, China

² School of Pharmacy, BIN ZHOU Medical University, Yantai, 260040, China

Aims & Scope:

Drug metabolism and pharmacokinetics are curial to new drug development, and also very helpful to understanding the effective material basis and drug disposition. In the recent decade, LC-MS has become a powerful technique in the drugs metabolism and pharmacokinetics. However, numerous data acquired by LC-MS has become a challenge. Meanwhile, to fully understand the drugs metabolism and pharmacokinetics, new methods and technologies especially in data mining is of great importance.

This special issue collects the original researches and reviews that help understand the metabolism and pharmacokinetics of various kinds of drugs including traditional Chinese medicines.

6-8 Keywords:

drug metabolism, pharmacokinetics, LC-MS, metabolite, traditional Chinese medicine, data-mining

Subtopics:

The subtopics to be covered within this issue are listed below:

1. New analytical strategy or method for the detection and identification of drug metabolites, including metabolites originated from traditional Chinese medicines.
2. The pharmacokinetics of drug, including traditional Chinese medicines.
3. Cell metabolism and pharmacokinetics
4. New methods for sample preparation in drugs metabolism and pharmacokinetics.
5. Data-mining in LC-MS data process.

Schedule:

- ✧ Manuscript submission deadline: March 15, 2020
- ✧ Peer Review Due: April 15, 2020
- ✧ Revision Due: May 15, 2020
- ✧ Announcement of acceptance by the Guest Editors: May 20, 2020
- ✧ Final manuscripts due: June 15, 2020

Contacts:

Guest Editor Wei Cai

Affiliation: School of Pharmaceutical Sciences, Hunan University of Medicine, Huaihua, 41800, China

Email: 20120941161@bucm.edu.cn

Guest Editor Jiayu Zhang

Affiliation: School of Pharmacy, BIN ZHOU Medical University, Yantai, 260040, China

Email: zhangjiayu0615@163.com