

## Tentative Outline

### Special Thematic Issue for the journal

Title of the Thematic Issue: **Drug resistance and novel therapeutics**

Guest Editor: *Peng Zhan, Bin Yu*

• **Scope of the Thematic Issue:**

**Design strategies of novel bioactive agents to overcome drug resistance.**

**Keywords:** drug resistance; medicinal chemistry; drug design; organic synthesis.

#### Sub-topics:

The sub-topics to be covered within the issue should be provided:

- Design strategies of novel antiviral agents to overcome drug resistance
- Design strategies of novel anticancer agents to overcome drug resistance
- Design strategies of novel antibacterial agents to overcome drug resistance
- Design strategies of novel antifungal agents to overcome drug resistance
- Structural basis of multidrug resistance
- Novel mechanisms involved in multidrug resistance

#### Tentative titles of the articles and list of contributors:

Tentative titles of the articles and list of contributors with their names, designations, addresses and email addresses should be provided.

##### ***Under recruitment***

**(1) *Multidrug Resistance to LSD1 Inhibitors: Advances and Challenges*, Bin Yu, Zhengzhou University, E-mail: [zzuyubin@hotmail.com](mailto:zzuyubin@hotmail.com)**

**(2) *Design strategies of novel anti-HIV agents to overcome drug resistance*, Peng Zhan, Shandong University, E-mail: [zhanpeng1982@163.com](mailto:zhanpeng1982@163.com)**

**(3) *Mechanisms of resistance to EGFR tyrosine kinase inhibitors: An Update*, Xingrui He, Hangzhou Normal University, E-mail: [hexingrui163@163.com](mailto:hexingrui163@163.com)**

**(4) *Drug resistance mechanism of pathogenic fungi and the corresponding drug design strategy of anti drug-resistant fungi*, Bin Sun, Liaocheng University, E-mail: [goengoy@163.com](mailto:goengoy@163.com)**

#### Schedule:

- ✧ Thematic issue submission deadline:  
2022-06-01

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