

Tentative Outline

Special Thematic Issue for Current Drug Targets (CDT)

Herbal medicines on gut microbiota as novel drug target

Guest Editor: Dr. Xu You Hua

Aims & Scope:

With the recognition of the important role of gut microbiota on both health and disease progression, attempts to modulate its composition as well as its co-metabolism with the organism have attracted special attention. Abundant studies have demonstrated that dysfunction or imbalance of gut microbiota is closely with disease including endocrine diseases, neurodegenerative diseases, tumors, cardiovascular diseases, et al. Herbal medicines have been applied for preventing and treating disease worldwide for hundreds of years. Although the underlying mechanism seems to be complex, one of the important one is through modulating gut microbiota. Berberine, a component from *Coptis chinensis*, is one of the characteristics that has been well demonstrated to possess anti-diabetes effects via influencing composition of gut microbiota. In this Special Issue, both review and original research papers will be considered to help understanding herbal medicine on gut microbiota.

Sub-topics:

Articles for this special issue covers but not limited to the following research area

- Pharmacological research of herbal medicines on gut microbiota;
- Active components screening of herbal medicines on gut microbiota
- Clinical study of herbal medicines on gut microbiota
- Influence of herbal medicine on composition and/or metabolism of gut microbiota

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Schedule:

- ✧ Manuscript submission deadline: Sep 2020

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