

Call for Papers of “International Symposium on Innovation of Natural Product Resources of Traditional Chinese Medicine in the Asia-Pacific Region”

1. Background

Traditional Chinese Medicine (TCM) is an important part of Chinese traditional culture and has played a crucial role in the COVID-19 epidemic prevention and control. In 2019, the State Council issued *Opinions on Facilitating the Inheritance, Innovation and Development of Traditional Chinese Medicine*, which has incorporated TCM into a building a community of shared future for mankind and the international cooperation of Belt and Road Initiative, promoting the inheritance and innovation of TCM as well as the high-quality development of TCM industry. At present, highly attentions have been paid to the technological innovation of TCM resources globally. Artemisinin, ginsenoside, and other functional compositions of TCM were successfully synthesized by synthetic biotechnology which provided new technical routes for TCM resources mining and the sustainable growth of TCM industry.

Supported by the China-APEC Cooperation Fund Project, which is launched by the Ministry of Finance of the People's Republic of China in 2010 to support organizations of China for multilateral science, technology and innovation cooperation under the framework of APEC, Tianjin Institute of Industrial Biotechnology (TIB), Chinese Academy of Sciences is going to organize a conference named “International Symposium on Innovation of Natural Product Resources of Traditional Chinese Medicine in the Asia-Pacific Region” during December, 2022 in Tianjin, China. The symposium will focus on the development and application of TCM resources in the Asia-Pacific region under the epidemic situation, and invite international and domestic experts and scholars in related fields to introduce the latest research progress and discuss the new trends, to accelerate the communication and cooperation in the filed and play an active role in promoting to build a community of

common health for mankind.

2. Essential information

Theme: Innovation of Natural Product Resources of Traditional Chinese Medicine

Time: December 16-18th, 2022 (Provisional)

Address: Tianjin Binhai, China

3. Organizers

Organizer: Tianjin Institute of Industrial Biotechnology, CAS

Co-organizers: National Center of Technology Innovation for Synthetic Biology

HaiHe Laboratory of Synthetic Biology

CAS Innovation Cooperation Center (Bangkok)

Institute of Subtropical Agriculture, Chinese Academy of Sciences

The Industrial Committee of TCM and Agriculture of WFCMS

The International Institute of Functional Agriculture Science &

Technology

4. Contents

Well-known experts and scholars, entrepreneurs and outstanding young scholars from around the world in the related fields will be invited to give speeches mainly on the following topics:

- a. Synthetic biotechnology and innovation of natural product Resources
- b. Synthetic biotechnology and synthesis of active substances of natural products
- c. Physiological and pharmacological activities of natural products of traditional Chinese medicine
- d. Application of natural products of traditional Chinese medicine

5. Call for papers

Welcome experts and scholars to submit the detailed abstracts according to topics listed in Article 4 (including but not limited to). The format is shown in the attachment. Potential contributors should be submitted to the following email address:

wuxin@tib.cas.cn, and copied to: **fengyy@tib.cas.cn** before **November 10th, 2022**

(a word document as the attachment, and the subject of the email should be named in the form of "**Symposium + Name + Title**"). The Academic Committee will select outstanding abstracts and invite the authors to participate in the symposium to make a presentation. In addition, The symposium will cooperate with related journals such as *Antioxidants*, *Frontiers in Microbiology*, and the excellent articles will be recommended to be published in special issue collection. All the contents of the abstract are regarded as non-confidential. Please complete the confidential examination by the author's unit before submission.

6. Contact information

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