

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

1. Background

Natural product and traditional medicine have played a crucial role in the disease prevention and control. In 2019, the State Council of China issued *Opinions on Facilitating the Inheritance, Innovation and Development of Traditional Chinese Medicine* (TCM), in which the TCM has been incorporated into one of the main components of building a community of shared future for mankind and the international cooperation of Belt and Road Initiative, to promote 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 traditional medicine resources globally. Artemisinin, ginsenoside, and other functional compositions were successfully synthesized by synthetic biotechnology which provided new technical routes for natural product resources of traditional medicine mining and the sustainable growth.

Supported by the China-APEC Cooperation Fund Project, which is launched by the Ministry of Finance of the People's Republic of China in 2020 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 (CAS) is going to organize a conference named “International Symposium on Innovation of Natural Product Resources of Traditional Medicine in the Asia-Pacific Region” during August, 2023 in Tianjin, China.

The symposium will focus on the development and application of natural product and traditional medicine resources in the Asia-Pacific region, 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 field 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 Medicine

Time: August 26-28th, 2023 (Provisional)

Venue: Tianjin, China

3. Organizers

Supporters: Department of International Cooperation, Ministry of Science and Technology, PRC

China Science and Technology Exchange Center

Tianjin Municipal Science and Technology Bureau

Alliance of International Science Organizations (ANSO)

The Industrial Committee of TCM and Agriculture of WFCMS

Organizer: Tianjin Institute of Industrial Biotechnology (TIB), Chinese Academy of Sciences (CAS)

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

COMSATS Joint Center for Industrial Biotechnology (CCIB)

HaiHe Laboratory of Synthetic Biology

University of Macau

CAS-TWAS Center of Excellence for Biotechnology

CAS Innovation Cooperation Center (Bangkok)

Institute of Subtropical Agriculture, Chinese Academy of Sciences

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. Utilization and separation and extraction of natural products
- c. Physiological and pharmacological activities of natural products of traditional medicine
- d. Application of natural products of traditional medicine

5. Call for papers

Welcome experts and scholars to submit 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 **July 10th, 2023** (a word document as the attachment, and the subject of the email should be named in the form of "**Symposium + Name + Title**"). The authors of the selected abstracts will be invited to give an oral presentation. In addition, the abstracts will be recommended to be published as a special issue collection in the cooperated journals such as *Antioxidants*, *Frontiers in Microbiology*, *Frontiers in Immunology*. All the contents of the abstract will be regarded as non-confidential.

6. Contact information

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