

# Invitation for International Training Course on Industrial Synthetic Biotechnology

October 14-November 2, 2019, Tianjin, China

## Background

Synthetic biology is widely regarded as a forward-looking and disruptive technology. The industrial application of synthetic biology is expected to provide new solutions to the major challenges on resources, health and environment faced by human beings.

The Tianjin Institute of Industrial Biotechnology (TIB), Chinese Academy of Science (CAS) is a leading institute in the field of synthetic biology and green bio-manufacturing, well equipped with state-of-the-art facilities, playing an important role in serving the national socio-economic sustainable development.

To encourage more young scientists from the Belt and Road countries and the developing countries to extend their career to Synthetic Biology, TIB will organize the International Training Course on Industrial Synthetic Biotechnology this year.

## General Information

- Number of trainees: ~20
- Duration: 20 days, October 14 to November 2, 2019
- Organizer: TIB, CAS
- Sponsor: CAS
- Keynote speakers: Prof. Sang Yup Lee from Korea Advanced Institute of Science and Technology (KAIST) and some other international scientists, Prof. Jibin Sun, Prof. Qinhong Wang, Prof. Xueli Zhang, Prof. Chaoguang Tian and many other professors from TIB and other research organization of China.
- Main Venue: TIB

- Language: English

### **Contents of the course**

The training course will focus on the theory, practice and application of the Industrial Synthetic Biotechnology. The course consists of:

- Technical courses: basic theory, methodology, technological progresses and applications of synthetic biotechnology in various fields such as health products, materials, chemicals, fuels, food and feed additives
- Experimental courses: series of well-designed experiments in synthetic biology to strengthen the technical skills
- MES 2019: attendance to the Metabolic Engineering Summit (MES 2019, October 20-22, Tianjin). More details could be found at: <http://www.chinabiocap.cn/mes2019/index.aspx>
- Site visit: the core facilities of TIB, the national professional maker space for biotechnology, leading biotech companies carefully selected

### **Financial Support**

- Round-trip ticket (economy class)
- Local hospitality, including accommodation, meals and relevant local transportation
- Inclusive training fee

### **Eligibility Criteria**

- Age limit: 40 (in principal)
- Academic background: industrial biotechnology, microbiology, molecular biology, synthetic biology, bioinformatics, metabolic engineering, biocatalytic engineering, fermentation engineering and etc.
- Self-motivated young scientists/engineers entitled with PhD degree from well-known universities, having research experience in related areas or affiliated with the Centre of

Excellence of COMSATS are in priority.

- Language requirements: good communication skill in English
- Be in good health

### **Application Documents**

- Cover letter
- Application Form (attached)
- C.V.
- Photo (preferably 3.5\*4.5cm)
- E-copy of the passport and previous Chinese visa if available

### **Key Date**

- Deadline for Application: 25<sup>th</sup> June 2019. The application documents should be submitted to the e-mail address: [chai\\_qq@tib.cas.cn](mailto:chai_qq@tib.cas.cn).
- Notice of Acceptance: 10<sup>th</sup> July 2019 by email

### **Contact Information**

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