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## **| Organized by**

China National Center for Biotechnology Development (CNCBD)  
Tianjin Municipal Science and Technology Commission



# 2013 International Conference for Bioeconomy **INNOVATION DRIVES DEVELOPMENT**

## **The First Round Announcement**

**June 25 – 26, 2013  
Tianjin · China**

# **BIOECONOMY 2013**

## **Innovation Drives Development**

**June 25 – 26, 2013, Tianjin, China**

**(1<sup>st</sup> Round Announcement)**

To provide an international platform for accelerating the technology transfer and commercialization of biotechnological innovations and promoting development of the emerging biotech industry , BIOECONOMY 2013 - the 2013 International Conference of Bioeconomy, hosted by the Ministry of Science and Technology, P. R. China and Tianjin Municipal People's Government, will be held in Tianjin, P. R. China, on June 25-26, 2013.

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–TBD–

European Union (EU) –TBD–

## **Organized by**

China National Center for Biotechnology Development (CNCBD)

Tianjin Municipal Science and Technology Commission

## **Organization**

The conference and the organizing committee will be chaired by leaders of Ministry of Science and Technology of the People's Republic of China and Tianjin Municipal People's Government.

The Scientific Board of the conference will be chaired by the outstanding scientists from China and abroad.

The Secretary General and Deputy Secretary General will be chaired by leaders of Department of Social Development Science and Technology, Ministry of Science and Technology, China National Center for Biotechnology Development and Tianjin Municipal Science and Technology Commission.

## Agenda

Date	Morning	Afternoon
Tuesday, June25	Opening Ceremony, Keynote Speeches	Academic Sessions, Exhibition
Wednesday, June26	Academic Sessions, Exhibition	Exhibition

## Keynote Speeches

2-3 outstanding scientists from China and abroad will be invited to deliver the keynote speeches on the conference.

## Sessions

Session I: Frontiers of Life Science

Theme: Exploring the mysteries of life and the frontiers of life science

Topics: This session will focus on genomics, proteomics, metabonomics, glycobiology, brain and cognitive science, synthetic biology, systems biology, translational medicine, computational biology, stem cell gene regulation and reprogramming technology, human reproduction and development. The session will cover the basics, the current advancement and trends relating to life science development.

## Session II: R&D in Drug Innovation

Theme: Trends in domestic and international research and development in the area of drug innovation.

Topics: Aiming to accelerate the development of drug innovation in China, this session will highlight the latest progress and trends in domestic and international new drugs related R&D. Discussion topics include the latest cutting-edge technology of the small molecule antibody drug conjugates, stem cell therapy, vaccine and adjuvant, novel drug delivery system, new drug target discovery and validation, synthetic biology, interdisciplinary innovation and internationalization of Traditional Chinese Medicine, the future development strategy and key points of pharmaceutical technology innovation in China.

## Session III: Food Safety Forum

Theme: Safety issues and technological exchange related to food, food additives and food-related products

Topics: This session provides the forum of scientific discussion on safety issues related to food, food additives and food-related products (e.g. food contacted materials), focused on key technological exchange on risk assessment, food standard, test methodologies, inspection and control. Main topics include technology requirements for food safety risk assessment, scientific evaluations of food

additives and ingredients, test methods for food ingredients in Food Chemical Codex, food contaminants and the national standard on food safety, and developments regarding food safety test reagents and equipment.

#### Session IV: Development of Medical Devices

Theme: Innovation and development of Biomedical Engineering & Medical Devices (BME)

Topics: The session will discuss the current situation and development trends regarding BME, R&D priorities and direction, and opportunities and challenges for industry development. Presentations will involve innovation points concerning design, evaluation and test of medical devices, and the frontiers and hotspots of relevant fields of medical devices: biomechanics, biomaterials, medical imaging, biosensor, rehabilitation medical engineering, medical neural engineering, healthcare engineering and telecom medical devices.

#### Session V: Entrepreneurship and Investment

Theme: Biotechnology investment and financing, promotion of the growth of pharmaceutical industry and the advancement of core competency of pharmaceutical companies.

Topics: This session covers the megatrend of biotechnology

investment and financing in China and the world, as well as the integration of research, enterprises, capital and science parks to promote the growth of pharmaceutical industry and the advancement of core competency of pharmaceutical companies. Special focus is on the explorations by Chinese biopharmaceutical parks in building a practical business model in project transformation to capture immense biotechnology business opportunities in the next decade.

#### Session VI: Talents in Biotechnology

Theme: Enhancing the environment for innovation and talent development.

Topics: This session will focus on China's national strategies for innovation and talent-driven development. How to accelerate reform in talent policy concerning the recruitment of high-level and overseas talents to support the current rapid industrial progress? How to advocate the connection between basic research and industrial development and integrate the talent resource from universities, research institutions and industry, and how to encourage their communication and exchange of knowledge? Purpose of the discussion is to find the trend and explore better ways to enhance the environment for innovation and talent development and to recruit more talents.

## **Exhibition**

The exhibition focuses on scientific innovation and on the demand for the social and economical development, and in particular innovative scientific achievements in biomedicine. The exposition provides an international platform for research organizations, medical institutions, scientists and entrepreneurs from China and abroad to exhibit technology and products. The exposition involves innovation drugs, medical devices, health food, health equipment, specialized medical institutions, scientific instruments, etc. The exhibition organizer is Tianjin Hengxin Exhibition Co., Ltd..

## **Languages**

English and Chinese (Simultaneous Interpretation will be provided in the Opening Ceremony.)

## **Registration**

Please register online at the website of the BIOECONOMY 2013 Organizing Committee: ([www.bioeco.net.cn](http://www.bioeco.net.cn)) before June 10th, 2013.



## **Contact Information for conference Secretariat**

### **Beijing Secretariat Contact Information:**

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