

Food Biotechnology Training Courses for Developing Countries

Aims:

Fermented foods, especially traditional fermented foods, are very popular in developing countries. Recently, genomics and modern biotechnology approaches have been used in food research, generating enormous amount of new knowledge that will help to develop better foods with better quality and safety. This series of food biotechnology training courses aim to spread this relevant new knowledge to the developing world, to initiate and stimulate relevant research & development in these countries. The international renowned scientists with comprehensive food biotechnological knowledge will be invited to deliver lectures.

Themes:

A series of training courses will be held for three consecutive years.

- 2013: Classical Biotechnology (Fermentation) and Genomics for new and improved food products
- 2014: Modern Biotechnology (Genetic Engineering) and Synthetic Biology for new and improved food products
- 2015: New (Fermented) Food products based on Local Produce (Suitable Cultures, Suitable Substrates)

Target group:

These training courses are designed for established scientists from developing countries who have high affinity to food biotechnology.

Host organization:

CAS-TWAS Centre of Excellence for Biotechnology

Sponsoring organizations:

- CAS- Chinese Academy of Sciences
- TWAS- The World Academy of Sciences (TWAS)- for the advancement of science in developing countries

Dates and venue:

- The first training course (2013) will be held during November 29th-December 5th, 2013, in Beijing, China

Expenses:

Airfare and local accommodations for up to 30 foreign participants from developing countries will be borne by CAS-TWAS Centre of Excellence for Biotechnology (Host Organization).

Nominations by Academies/Government Agencies of Biotechnology in the Developing Countries (due by September 20th, 2013):

Each Academy may nominate up to three participants who have completed a Ph.D. in the biotechnological sciences or engineering. Professors and senior researchers (including assistant professors and associate professors) have relative priority under the same conditions. Space is limited and not all applicants are guaranteed acceptance.

The letter of nomination from the Academy should be accompanied by:

(1) a one page CV; (2) a list of recent publications; and (3) a statement by the candidate of up to one page demonstrating his or her particular interest in this training course and suitability for it.

Please direct nominations to:

Dr. Rui-Yan Wang
Programme Manager
CAS-TWAS Centre of Excellence for Biotechnology
Email: rywang07@gmail.com

Important Deadline:

Nominations due by September 20th, 2013

Introduction of the Host Organization:

CAS-TWAS Centre of Excellence for Biotechnology

CAS-TWAS Centre of Excellence for Biotechnology (CoEBio) is an open and integrative platform aiming to enhance the biotechnology development in developing countries, which is supported by Chinese Academy of Sciences (CAS) and the World Academy of Sciences (TWAS), and coordinated by the Institute of Microbiology, CAS. CoEBio strives to improve and reinforce biotechnology education, scientific communication, project cooperation and strategic intelligence analysis with the purpose of providing biotechnological solutions for addressing resources, energy, population, health and environment issues within developing countries.

The main missions of CoEBio include:

1. Assisting developing countries in advancing the education of students and scholars.
2. Organizing biotechnological training courses, conferences, symposia, and workshops in developing countries.
3. Coordinating biotechnology related scientific research and development (R&D) projects for developing countries.
4. Strategic intelligence analysis for biotechnology development in developing countries.

