

Food Science Frontier Research Forum

**International University Consortium of Food
Science and Nutrition**

(First Announcement)



INTERNATIONAL UNIVERSITY CONSORTIUM
FOOD SCIENCE AND NUTRITION
食品科学与营养国际大学联盟

Zhejiang Gongshang University, Hangzhou, China

18-19 October 2019

The need to challenge the global issues in agricultural production of food raw materials and the global issues of the increasing health burdens associated with the rise in diet-related chronic diseases remain. How can we produce more food, more efficiently whilst reducing environmental problems and at the same time providing food security, enhanced health outcomes and quality of life for all?

With this background, four leading Food Science Schools, from the University of Leeds (UK), Massey University (New Zealand), Wageningen University (the Netherlands), and Zhejiang Gongshang University (China) established in 2016 a Consortium of Food Science and Nutrition, with three new members joining in 2018 (Kyoto University (Japan), Guelph University (Canada), and University of Massachusetts (USA)). The International University Consortium on Food Science and Nutrition was set up to discuss issues and develop programmes of collaborative research addressing the global challenges. The Consortium aims to bring together world experts and resources for a joint effort to deal with hot topics in food science and nutrition and to assist the food industry to solve major technical challenges. After three previous successful meetings (the inaugural conference in 2016, the industrial form in 2017, and the young scientists forum in 2018), a 4th meeting is to be held in Hangzhou, China, particularly aimed at the current issues of food provision concerned by consumers, industries, and governments and at the frontier researches of food science and nutrition around the world.

The scientific themes to be covered specifically are described below, and are focused on certain areas where it is believed that there are major gaps in knowledge, major technological hurdles to be overcome, or where new ideas need to be tested. How can we change consumer behavior with specific reference to food choice? Can an understanding of the links between food structure and digestion enhance health outcomes? Is it possible to develop novel (bio)processing procedures for food that is both more efficient yet delivers health benefits? How can increased understanding of food oral processing deliver novel food products and enhanced quality of life?

The Forum will include representatives and senior delegates from universities and leading food companies. We aim to bring the latest developments in specific areas of food science and nutrition research and to provide a unique opportunity for closer interactions between academics and industrial researchers, established and early stage researchers, at both domestic and international levels. You are sincerely invited to take part in this exciting event to share your experiences and views about the future of food science and nutrition research.



The inaugural conference of the University Consortium of Food Science and Nutrition, 12-13 November 2016, Hangzhou, China.



Food Industry Forum by the University Consortium of Food Science and Nutrition, 17-18 November 2017, Hangzhou, China.



Young Scientist Forum by the University Consortium of Food Science and Nutrition,
3-5 November 2018, Hangzhou, China.

Aims and objectives of the 2019 Forum:

- To showcase the latest research developments and ideas in selected areas of food science and nutrition (see below)
- To promote closer links, formal and informal, between the Consortium and the food industry
- To further establish the identity and scope of the Consortium and its members

Themes and topics:

- Novel (bio)processing towards food with enhanced health properties
- Oral food processing, food quality and quality of life
- Food structure, digestion and health outcome
- Changing consumer behaviour in food consumption

Date of the forum: 18-19 October 2019

Location of the forum: Hangzhou, China

Hangzhou is served by an international airport and can be reached directly from Europe with KLM, from Japan with ANA, from America with UA, from Canada with ACE, etc. Alternatively, Hangzhou is only 1 hour by train from Shanghai Hongqiaou Rail Station.

Organisers:

The University of Leeds (UK)
Massey University (New Zealand)
Wageningen University (the Netherlands)
Zhejiang Gongshang University (China)

Scientific committee:

Prof. Jianshe Chen (Zhejiang Gongshang University)
Prof. Kees de Graaf (Wageningen University)
Prof. Jianzhong Han (Zhejiang Gongshang University)
Prof. Mike Morgan (The University of Leeds)
Prof. Alan Mackie (The University of Leeds)
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