

The 7th International Yakult Symposium

The Intestinal Microbiota and Probiotics: Exploiting Their Influence on Health



22nd to 23rd April 2013
The Queen Elizabeth II Conference Centre
London, UK

Introduction

The vast numbers of diverse microorganisms that live in the human gut comprise a dynamic, open ecosystem or 'microbiome'. The numbers of both these microbial cells and their genes far exceed our own. Recent advances in research into this complex 'forgotten organ' are further revealing the crucial role of the gut microbiome, as a whole or as its individual members, for the function and metabolism of the digestive system, the immune system and even the nervous system.

The gut microbiota is the focus of the 7th International Yakult Symposium, with international experts presenting the latest findings on the microbiota's genomics and physiology, as well as the dynamic, metabolic and immunological aspects of its interaction with the host in the context of health and disease. Related to this, the potential influence of probiotics in beneficially influencing the composition and function of the microbiota will also be discussed. As always, this symposium will provide a platform for both young investigators and established scientists to present their latest basic and clinical findings on the gut microbiota and probiotics. This will be a unique opportunity to engage in an international and high level scientific debate on this exciting field of research, and to exchange opinions on current knowledge.

Scientific Committee

Prof Glenn Gibson

University of Reading, UK

Prof Lorenzo Morelli

Catholic University of the Sacred Heart, Piacenza, Italy

Prof Stella C. Knight

Imperial College London, UK

Prof Herbert Lochs

Innsbruck Medical University, Austria

Dr Tomoyuki Sako

Yakult Europe B.V., The Netherlands

Conference Delegates

The following are invited:

- Researchers in the field of nutrition, medicine, cancer, immunology and microbiology
- Medical and healthcare professionals and students
- Personnel in health authorities, government agencies, regulatory bodies, associations, industry
- Scientific and medical journalists

Symposium Language

The language of the symposium is English

Conference Venue

The Queen Elizabeth II Conference Centre

Mountbatten Room and Mountbatten Lounge (5th and 6th floors)
Broad Sanctuary, Westminster, London SW1P 3EE, UK

Contact and Information

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Organizer

Yakult Europe B.V.

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The Netherlands

Website

www.yakultsymposium.com

Scientific Programme

Monday 22nd April

- 10:00 **Registration and Poster Assembly**
11:30 **Lunch**
12:30 **Opening**
Dr Tomoyuki Sako, Head of European Science, Yakult Europe B.V.
- 12:40 **Session 1**
Chair: Prof Glenn Gibson, University of Reading, UK
- 12:45 **Keynote lecture I**
Gut microbiota for health: lessons of a metagenomic scan
Prof Joël Doré, INRA, France
- 13:35 **Influence of the maternal intestinal microbiota on the development of the neonatal microbiota**
Dr Kenji Oishi, Yakult Honsha European Research Center, Ghent, Belgium
- 14:05 **Diet-microbiota-health correlations in older persons – the ELDERMET study**
Prof Paul W. O'Toole, University College Cork, Ireland
- 14:35 **Tea & coffee break / Poster viewing**
- 15:35 **Session 2**
Chair: Prof Lorenzo Morelli, Catholic University of the Sacred Heart, Piacenza, Italy
- 15:40 **The role of Reg3 proteins in intestinal homeostasis**
Prof Jerry Wells, Wageningen University, The Netherlands
- 16:10 **Gut barrier function – its role in gastrointestinal and hepatic diseases**
Prof Stephan C. Bischoff, Institute of Nutritional Medicine, University of Hohenheim, Germany
- 16:40 **Understanding the role of gut microbiota in coeliac disease**
Prof Yolanda Sanz, IATA-CSIC, Valencia, Spain
- 17:10 **Modulation of gut microbiota in IBD – the science and clinical reality**
Dr Ailsa Hart, St Mark's Hospital, London, UK
- 17:40 **End of sessions**
Poster viewing until 19:00 (tea & coffee available)
- 19:00 **Pre-dinner drinks** at Church House
- 20:00 **Dinner** at Church House
Welcome address: Mr Hiroshi Suzuki, Managing Director, Yakult Europe B.V.
Poster Prize

Tuesday 23rd April

- 08:45 **Session 3**
Chair: Prof Stella C. Knight, Imperial College London, UK
- 08:50 **Keynote lecture II**
The intestinal microbiota for mucosal decision of immunity and tolerance
Prof Hiroshi Kiyono, Institute of Medical Science, The University of Tokyo, Japan
- 09:40 **Bacteria handling by the immune system in the gut**
Prof Maria Rescigno, European Institute of Oncology, Milan, Italy
- 10:10 **Host defence mechanisms against pathogenic bacteria**
Prof Julia-Stefanie Frick, University of Tübingen, Germany
- 10:40 **Tea & coffee break / Poster viewing**

- 11:40 **Session 4**
Chair: Prof Herbert Lochs, Innsbruck Medical University, Austria
- 11:45 **How diet influences the metabolism and function of the human gut microbiota**
Prof Harry J. Flint, University of Aberdeen, UK
- 12:15 **Gut microbiota and metabolic disorders associated with obesity: specific focus on putative novel targets**
Prof Patrice D. Cani, Catholic University Louvain, Belgium
- 12:45 **Gut microbiota and diabetes – clinical and mechanistic insights**
Prof Fredrik Bäckhed, University of Gothenburg, Sweden
- 13:15 **Closing**
Mr Hiroyasu Matsubara, Managing Director, Yakult UK Limited
- 13:20 **Lunch**
- 14:20 **End of Yakult International Symposium**

Call for Posters

Participants are invited to submit abstracts for selection as poster presentations.

Instructions for abstract and poster preparation can be found on the symposium website (www.yakultsymposium.com).
 The deadline for abstract submission is Friday 1st March 2013.

Authors of abstracts selected for poster presentation will be notified by 15th March.

Abstracts should include a title, complete names of the authors, institution and address, and must be submitted electronically (Word format is preferred) as an e-mail attachment to ksuzuki@yakulteuropa.com.

Registration

Please visit the symposium website (www.yakultsymposium.com) to complete the online registration form.

	Until March 1, 2013	From March 2, 2013
Participants	€ 100	€ 150
Students (including PhD students)	€ 50	€ 75

*Rates include VAT.

Registration includes: participation in the full scientific programme, symposium booklet, refreshments and meals (lunch on both days and dinner on April 22nd).

The registration fee will be waived for one author of posters selected for presentation.

Method of payment: To confirm your online registration, you will receive both an e-mail and a letter from Yakult Europe B.V. with details for bank transfer payment.

For participants from outside The Netherlands: Yakult Europe B.V. will cover any bank charges that are incurred due to the need for international transaction. Please instruct your bank accordingly.

Cancellation policy: registration cancellation deadline is April 8th, 2013. Please cancel via e-mail to ksuzuki@yakulteuropa.com. There will be no refunds for cancellations notified after this deadline.