

「腸内共生菌と食の機能」

平成 20 年 11 月 20 日 (木) ~ 21 日 (金) 東京大学 安田講堂

トップページ

Information

HP : <http://bifidus-fund.jp/fimf/index.html>

Date : November 20-21, 2008

Venue : Yasuda Auditorium, The University of Tokyo

Organizing Committee: Shuichi Kaminogawa President
 Kikuji Itoh Secretary
 Shizunobu igimi
 Takashi Sasaki
 Makoto Shimizu
 Toshiaki Takano
 Satoshi Hachimura
 Atsushi Yokota

Registration and payment :
 Before October 3 : 8,000 Yen (Student: 4,000 Yen)
 After October 4 : 10,000 Yen (Student: 5,000 Yen)

Sponsored by: Japan Bifidus Foundation
 Japan Society for Lactic Acid bacteria
 Japanese Association for Food Immunology
 Japanese Association for Animal Cell Technology
 Society for Biotechnology, Japan
 (Section for lactic acid bacteria and intestinal microbiota)

Support: Japan Science and Technology Agency
 Japan Bioindustry Association
 Japan Society for Bioscience, Biotechnology, and Agrochemistry
 The Pharmaceutical Society of Japan
 The Japanese Society of Veterinary Science
 Japanese Society of Bacteriology
 Japanese Society of Animal Science

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Program:

November 21

9:30 – 10:20

Special lecture: Toll-like receptor and mucosal immunity

S. Akira (Osaka University)

November 20

Session 1: Recent trends in research on function of intestinal microbiota and food.

9:20 – 10:10

Food and intestinal microbiota

S. Kaminogawa (Nihon University, Japan)

10:10 – 11:00

Research for the 21st century: Can we draw a blueprint of the bowel ecosystem?

G. Tannock (University of Otago, New Zealand)

11:00 – 11:50

Interactomics in the intestine

E. Zoetendal (Wageningen University, The Netherlands)

Session 2: Cell signaling

13:00 – 13:50

Bacteria-epithelium cross-talk

N. N. Nanthakumar (Harvard Med. School, USA)

13:50 – 14:40

Community structure and immune function of gut microflora in infancy

J. Nakayama (Kyushu University, Japan)

Session 3: Metagenomic analysis of intestinal microbiota

15:00 – 15:50

Metagenomics of the human gut microbiome: a new frontier of human biology

M. Hattori (The University of Tokyo, Japan)

15:50 – 16:40

MetaHIT, The European project on metagenomics of the human intestinal tract

D. Ehrlich (INRA, France)

16:40 – 17:30

What have been revealed after whole genome analysis of Bifidobacterium and Lactobacillus?

R. D. Pridmore (Nestle, Switzerland)

November 21

Session 4: Mucosal immunity

10:20 – 11:10

Intestinal microbiota and allergy

B. Bjorksten (Karolinska Institutet, Sweden)

11:10 – 12:00

Mechanisms of Host Defense with the Microbiota

C. O. Elson (University of Alabama at Birmingham, USA)

Session 5: Metabolism of intestinal microbiota

13:00 – 13:50

Analysis of bifidobacterial glycosidases involved in metabolism of oligosaccharides

K. Yamamoto (Kyoto University, Japan)

13:50 – 14:40

Role of short-chain fatty acid receptors, GPR41 and GPR43 on colonic function

A. Kuwahara (University of Shizuoka, Japan)

14:40 – 15:30

Analysis of carbohydrate fermentation by intestinal microbiota using TIM-2.

K. Venema (TNO, The Netherlands)

Panel Discussion

: Research on function of intestinal microbiota and food—where should Japanese research go from here?

15:50 – 16:50

Chairperson

: T. Miyata (Nikkei Business Publications, Inc., Japan)