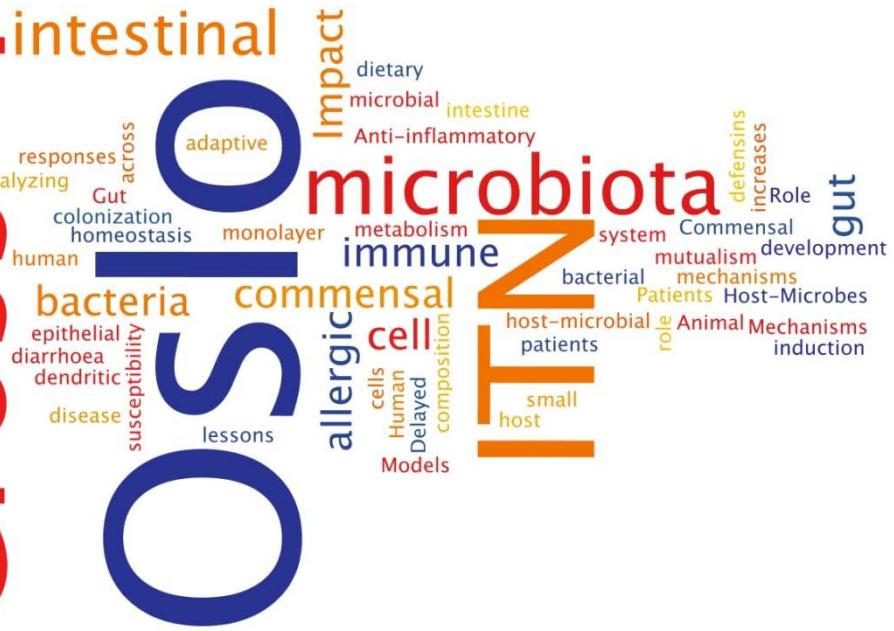


CROSS-TALK WORKSHOP

Cross-Talk



**HOST-MICROBES CROSS-TALK:
FROM ANIMAL MODELS TO HUMAN PATIENTS
12 & 13 APRIL, 2012
OSLO (NORWAY)**



AUDITORIUM 3

08.30 – 09.00 Registration

Chair session: Finn-Eirik JOHANSEN, University of Oslo, Norway09.00 – 09.30 **Valérie GABORIAU**, INSERM Paris, France*Impact of commensal microbiota on host adaptive immune system*09.30 - 10.00 **Markus GEUKING**, University of Bern, Switzerland*CD4 T cell homeostasis in intestinal host-microbial mutualism*10.00 – 10.30 **Nicolaas BOS**, University of Groningen, The Netherlands*Role of defensins in gut microbial composition and Th17 development*10.30 – 10.50 *Coffee break*10.50 – 12.30 **Ingrid OLSEN**, Oslo University Hospital, Norway*Frequency of E. coli and Mycobacteria reactive CD4 T-cells in intestinal biopsies of Crohn's disease patients***Oriana ROSSI** Wageningen University, The Netherlands*Anti-inflammatory mechanisms of Faecalibacterium prausnitzii and other commensal bacteria***Emelyne LECUYER**, INSERM Paris, France*Characteristics of SFB-induced host adaptive immune responses: lessons from mice monocolonized with SFB and E. coli MG1655***Stéphanie MORIN** INRA, France*Delayed bacterial colonization of the gut increases susceptibility of Balb/c mice to allergic sensitization***Martin SCHWARZER** Institute of Microbiology, Czech*Neonatal colonization by Bifidobacterium longum suppresses sensitization to Bet v 1 in mice model of birch pollen allergy***Hélène LENGLINE** INSERM Paris, France*Impact of the intestinal microbiota on induction of allergic diarrhoea in a murine model*12.30 – 14.00 Lunch with professors and **Poster session**

- Chair session:** **Eva RAJNAVOLGYI**, University of Debrecen, Hungary
- 14.00 – 14.30 **Max NIEUWDORP**, AMR Research Institute, The Netherlands *Gut microbiota and human metabolism: effects of fecal transplantation therapy vs antibiotics*
- 14.30 – 15.00 **Fredrik BÄCKHED**, Wallenberg Laboratory, Sweden
Microbial regulation of host physiology
- 15.00 – 15.30 *Coffee Break*
- 15.30 – 17.00 **Poster session**
- 19.00 Social dinner

AUDITORIUM 1**Chair session:** **Hervé BLOTTIERE**, INRA, France

- 09.00 – 09.30 **Jerry WELLS**, University of Wageningen, The Netherlands
The small intestine microbiota and the role of dietary lactobacilli in modulation of the small intestinal mucosa
- 09.30 – 10.00 **Paul O'TOOLE**, University College of Cork, Ireland
Diet-health-microbiota interactions in older persons - the ELDERMET study
- 10.00 – 10.30 **Dirk HALLER** Technical University of Munich, Germany
Functional analysis of microbe-host interactions under chronic inflammation
- 10.30 – 10.50 *Coffee break*
- 10.50 – 12. 15 **Gilles STORELLI** IBDMML Marseille, France
Mechanisms underlying host growth promotion upon Lactobacillus plantarum association
- Anja WELLEJUS** Chr Hansen, Denmark
Increased Glucagon-like peptide 1 (GLP-1) secretion by L. casei W8 in human and animal trials
- Sylvie MIQUEL** INRA, France
Analysis of anti-inflammatory effects of Faecalibacterium Prausnitzii using gnotobiotic mice
- Sofia FORSTEN** Dupont, Nutrition & Health, Active Nutrition, Finland *Development of an in vitro model of the human colon infected by Clostridium difficile*

Tineke VAN DEN HOORN TNO Microbiology & Systems Biology, The Netherlands

Intestinal stem cell derived organoids as a novel tool for analyzing food microbiota host intestinal tissue interactions

12.15 – 12.45 Culture in GS house: Konsert piano and Cello

12.45 – 13.30 Lunch with professors

Chair session: Maarten VAN DE GUCHTE, INRA, France

13.30 – 14.00 **Hervé BLOTTIERE**, INRA Jouy-en-Josas, France

Screening of metagenomic clones

14.00 – 14.30 **Sven PETTERSSON**, Karolinska Institute, Sweden

Gut microbiota and control of brain development and function

14.30 – 15.15 **Malgorzata NEPELSKA** INRA, France

Commensal bacteria and their crosstalk with Peroxisome proliferator-activated receptor-gamma (PPAR γ) in intestinal epithelial cells

Krzysztof REGULSKI INRA, France

*Evaluation of the capacity of peptidoglycan hydrolase (PGH)-negative mutants of *Lactobacillus casei* BL23 to stimulate monocyte-derived dendritic cells*

Marcela AZEVEDO INRA, France

*Invasive *Lactococcus lactis* can transfer DNA vaccines either directly to dendritic cells or across an epithelial cell monolayer*

15.15 Coffee break & Departure

The Workshop was organized with the support of our Sponsors. We are grateful to **Molecular Life Science (MLS) at University of Oslo, The Norwegian PSC Research Center (NoPSC), Oslo University Hospital and Centre for Immune Regulation (CIR), University of Oslo and Oslo University Hospital.**

MLSUiO

Molecular Life Science
- an multifaculty priority research area at UoO

