



FONDAZIONE GUIDO BERNARDINI
BETTER EDUCATION FOR BETTER SCIENCE

I N T E R N A T I O N A L W O R K S H O P

The emerging field of microbiota and effects on animal models

The collective term of the microorganisms that typically inhabit a bodily organ or part is Microbiota. This workshop focusses on the microbiota of the mammalian gastrointestinal tract and to a lesser extent that of the lung.

Recent studies have shown that the gut microbiota of laboratory rodents, including that of genetically altered rodents, displays a huge variety in composition. It is involved in numerous aspects of normal animal physiology and can also contribute to the development of many diseases.

What are effects on the phenotype of animal models?

What is the impact on animal health?

The FGB workshop aims at answering these questions and at describe the most recent advances.

Target audience: veterinarians, heads of animal facilities, those responsible for and advising on health monitoring and testing of laboratory animals.



21 - 22 November 2013

Fondazione Guido Bernardini
Conference Centre

F I R S T A N N O U N C E M E N T

Thursday November 21st

Transfer from Hotels to the Conference Centre	08:30
Welcome and introduction	09:00 - 09:15
<i>Axel Komerup Hansen - Jan-Bas Prins</i>	
General introduction: history and biology of the microbiota	09:15 - 10:00
<i>Tore Midtvedt</i>	
Methods for microbiota characterisation and identification	10:00 - 10:30
<i>Lukasz Krych</i>	
How to process and interpret data?	10:30 - 11:00
<i>Lukasz Krych</i>	
Coffee / Tea	11:00 - 11:30
Impact on animal models 1: general mechanisms	11:30 - 12:15
<i>Axel Komerup Hansen - Jan-Bas Prins</i>	
Impact on animal models 2:	12:15 - 13:00
• Examples	
<i>Axel Komerup Hansen</i>	
• Respiratory microbiota	
<i>Jan-Bas Prins</i>	

Lunch

13:00 - 14:00

The revised FELASA guidelines on health monitoring of rodents: Why and what?

Examples on the impact of bacteria on research

14:00 - 15:30

Ricardo Feinstein

Coffee / Tea

15:30 - 16:00

The impact of pathogens compared to the impact of symbionts on research in 2013

16:00 - 16:45

Axel Komerup Hansen

Wrap up

16:45 - 17:00

Transfer from Conference Centre to Hotels.

17:00

Friday November, 22th

Transfer from Hotels to the Conference Centre

08:30

Translational aspects and examples from human medicine

09:00 - 10:00

Tore Midtvedt

Comparative aspects of microbiota in mice and men

10:00 - 10:20

Lukasz Krych

How to incorporate microbiota in animal experimentation

 • **Germ free techniques**

10:20 - 10:40

Tore Midtvedt

 • **New production techniques**

10:40 - 11:00

Axel Komerup Hansen

Coffee / Tea

11:00 - 11:30

 • **Incorporation in research data**

11:30 - 11:50

Lukasz Krych

General discussion

11:50 - 12:45

How do we incorporate the new world of microbiota in animal experimentation?

Do we need new guidelines for bacterial monitoring of laboratory animals?

Do we need to change the way of producing laboratory animals?

Ending up and goodbye

12:45 - 13:00

Lunch

13:00 - 14:00

Transfer from Conference Centre to the Hotels or Milano Malpensa Airport.

14:00

Scientific Committee

Axel Komerup Hansen - University of Copenhagen, Denmark
Jan-Bas Prins - Fondazione Guido Bernardini, Italy

Faculty

Axel Komerup Hansen - University of Copenhagen, Denmark
Jan-Bas Prins - Leiden University Medical Center, the Netherlands
Lukasz Krych - University of Copenhagen, Denmark
Ricardo Feinstein - National Veterinary Institute, Sweden
Tore Midtvedt - Karolinska Institute, Sweden

Secretarial Support

Laura De Francesco - Fondazione Guido Bernardini, secretary@fondazioneguidobernardini.org

Workshop Venue

Detailed venue information will be provided in your registration confirmation

Hotel Information

Recommended hotels are located near the conference center; the rates are from 60 € to 125 € per night with breakfast.

Information for the registrants will be available contacting the FGB secretary.

For registrations received by October 1st, we are able to confirm room reservations.

All requests will be honoured based upon availability at the chosen hotel upon receipt of registration.

There will be a complimentary shuttle bus organized from/to the hotel and the conference centre.

THE EMERGING FIELD OF MICROBIOTA AND THE EFFECTS ON ANIMAL MODELS

Last Name

First Name

Organization/Company

Address

City

State

Zip

Phone

Fax

Mobile

eMail

Invoice Details

Organization/Company

VAT registration number

City

State

Zip

Registration Fee

Registration fee: **400 euro VAT included.**

Gala dinner: **25 euro.**

The registration fee in Euro should be paid by bank transfer without any charge to the beneficiary.

Upon receipt of the registration for, FGB will issue an Order Acknowledgment.

Payment of the fee is due before workshop commencement.

The invoice will be provided after full payment has been received and in any case by October, 24.

No refund will be given for cancellation received after invoice raising.

This fee includes 2 lunches and coffees for the working days of the event.