

### Organizing Committee

Jan-Bas Prins - Fondazione Guido Bernardini  
Daniela Salvatori - LUMC, Leiden, NL

### Scientific Committee

Harm HogenEsch - Purdue University, West Lafayette, Indiana, US  
John Sundberg - The Jackson Laboratory, Bar Harbor, Maine, US  
Piper Treuting - University of Washington, Seattle, Washington, US  
Jerrold M. Ward - Global VetPathology, Montgomery Village, Maryland, US

### Secretarial Support

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

### Faculty

Craig Franklin - University of Missouri, Columbia, Missouri, US  
Harm HogenEsch - Purdue University, West Lafayette, Indiana, US  
Raoul Kuiper - Karolinska Institute, Stockholm, Sweden  
Stephanie Muller, IDEXX, Ludwigsburg, Germany  
Alexander Nikitin - Cornell University, Ithaca, NY, US  
Enrico Radaelli - KU Leuven, Belgium  
Jan-Bas Prins - Leiden University Medical Center, Leiden, the Netherlands  
Camilla Recordati - Fondazione Filarete, Milano, Italy  
Susanne Rittinghausen - Fraunhofer ITEM, Germany  
Daniela Salvatori - Leiden University Medical Center, Leiden, the Netherlands  
John Sundberg - The Jackson Laboratory, Bar Harbor, Maine, US  
Piper Treuting - University of Washington, Seattle, Washington, US  
J. Sjeff Verbeek - Leiden University Medical Center, Leiden, the Netherlands  
Jerrold M. Ward - Global VetPathology, Montgomery Village, Maryland, US

### Seminar Venue

Detailed venue information will be provided in your registration confirmation

### Hotel Information

Recommended hotels are located near the conference center; information will be available contacting FGB secretary. All requests will be honoured based upon availability at the chosen hotel and upon receipt of registration. There will be a complimentary shuttle bus from/to the hotels and the Conference Centre.



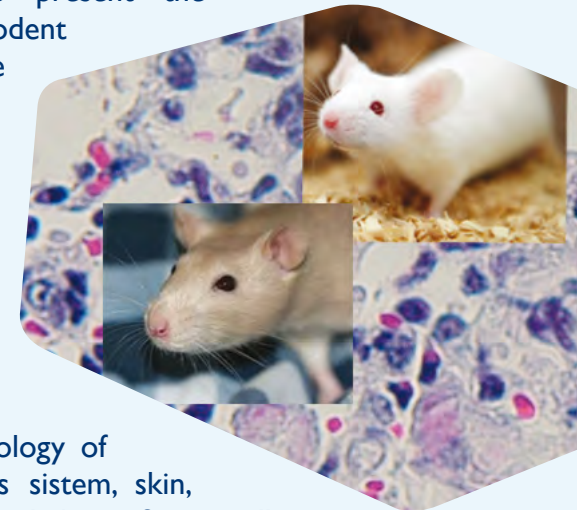
## FONDAZIONE GUIDO BERNARDINI

### INTERNATIONAL WORKSHOP

CPD credits by:  , Swiss Veterinarian Association and Royal Society of Biology are pending

# Pathology of the Mouse and Rat in Biomedical Research

The Fondazione Guido Bernardini (FGB) and Leiden University Medical Center (LUMC) are proud to present the international workshop on rodent experimental and comparative pathology in biomedical research. The workshop is primarily addressed to veterinary and medical pathologists, PhDs and laboratory animal veterinarians. Scientists aiming to obtain a broader and deeper knowledge of rodent pathology will benefit from the workshop.



The programme will cover pathology of selected tissues including nervous system, skin, hematopoietic/lymphoid system and liver. Stem cell research, aging, tumors and infectious diseases will be covered too. The participants will be able to present and discuss macroscopic and histopathological cases with renewed pathologists from leading research institutions.

23-26 May 2016 - Fondazione Guido Bernardini Conference Centre Varese, Italy

## 23th of May

Registration .....	12:00 - 13:45
<b>Welcoming address</b> .....	13:45 - 14:00
Use of mice and rats in biomedical research in Italy and Europe .....	14:00 - 14:30
Jan-Bas Prins	
Genetics of mice and rats:	
Genome engineering today: the sky is the limit ? .....	14:30 - 15:15
J. Sijf Verbeek	
Coffee Break.....	15:15 - 15:45
Analysis of mammalian gene function through broad-based mouse phenotypic screens across a consortium of European mouse clinics (EUMODIC).....	15:45 - 16:15
Stephanie Muller	
Diseases of mice: diagnostics, common and emerging diseases .....	16:15 - 17:15
Craig Franklin	

## 24th of May

Rodent pathology: general considerations .....	09:00 - 11:30
Piper Treuting	
Part 1- Knowing normal	
Part 2- Common findings in laboratory rodents	
Part 3- Basic phenotyping: the ideal and the reality	
Coffee Break.....	11:30 - 12:00
The lymphoid tissues in genetically engineered mice.....	12:00 - 12:40
Harm HogenEsch	
Immunophenotype and quantification of leukocytes in mouse models of inflammation and cancer.....	12:40 - 13:00
Camilla Recordati	
Lunch .....	13:00 - 14:00
Diseases of rats: diagnostics, common and emerging diseases .....	14:00 - 15:00
Craig Franklin	
International nomenclature for rodent pathology .....	15:00 - 16:00
Susanne Rittinghausen	
Pathology of the respiratory tract .....	16:00 - 17:00
Susanne Rittinghausen	
Coffee Break.....	17:00 - 17:30
Pathology of the liver.....	17:30 - 18:30
Jerrold M. Ward	
Gala Dinner.....	19:30

## 25th of May

Genodermatoses .....	09:00 - 10:00
John Sundberg	
Approaches to investigating complex genetic traits in a large scale inbred mouse aging study.....	10:00 - 11:00
John Sundberg	
Coffee Break.....	11:00 - 11:30
Issues in rodent pathology: Preneoplastic/precancerous lesions and grading/scoring .....	11:30 - 12:30
Jerrold M. Ward	
Mouse melanoma models.....	12:30 - 13:10
Enrico Radaelli	
Lunch .....	13:10 - 14:10
Stem cells: basic principles.....	14:10 - 14:55
Alexander Nikitin	
Stem cells in cancer.....	14:55 - 15:40
Alexander Nikitin	
Coffee Break.....	15:40 - 16:10
Testing pluripotency of stem cells: <i>in vivo</i> studies.....	16:10 - 16:40
Daniela Salvatori	
The role of intestinal microbiota in health and disease.....	16:40 - 17:40
Craig Franklin	
Dinner at the venue.....	18:15 - 19:45
Evening case presentations (virtual slides).....	19:45 until we get tired

## 26th of May

Selected diseases of the immune system .....	09:00 - 09:45
Harm HogenEsch	
Pathology of the nervous system .....	09:45 - 10:25
Enrico Radaelli	
Coffee Break.....	10:25 - 10:55
Pathology of aging.....	10:55 - 11:55
Piper Treuting	
(Semi)quantitative analysis of age-related lesions in mice: biological versus chronological age.....	11:55 - 12:15
Raoul Kuiper	
Closing remarks .....	12:15 - 12:45
Lunch .....	12:45 - 13:45

# Pathology of the mouse and rat in biomedical research - REGISTRATION FORM

Last Name

First Name

Degree (please indicate your degree(s))

Organization/Company

Exec & Corp. Management  
VP Research  
Lab Director  
Group Leader  
Principle Investigator  
Department Chair  
Core Facility Manager

Professor  
Research Fellow  
Research Associate  
Postdoc  
Graduate Student  
Clinical Researcher (MD/PhD)  
Other

Biotechnology Co.  
Pharmaceutical/Biopharm Co.  
University/ Academic  
Government  
Private Research Institute  
Clinical Research(Hospital/Medical School)  
Contract Research Organization

City

State

Phone

Fax

Mobile

E-mail address

We would like to circulate a list of participants (name and e-mail address) at the course, please tick here if you wish to be included on this list.

**Invoice Details; Please provide all the information requested to avoid delays in processing the application**

Organization/Company

Administration Manager E-mail

Address

City

State

Postcode

VAT Registration Number (if you are an individual please provide the National Identification Number)

**Registration Fee** 650,00 euro + 22% VAT      40,00 euro Gala Dinner on May 24th

The Registration Fee includes participation in the scientific programme, lunch, coffee breaks, and shuttle buses (hotel/venue/hotel)

## Policy on Cancellation

The workshop confirmation will be accompanied by the Order Acknowledgement with payment details. The invoice will be issued within 10 days after the confirmation and cannot be changed, so please make sure you have provided us with the correct information (to be checked on the Order Acknowledgement). Only digital version of invoices will be sent to participants. Payment of the fee is due before the workshop commencement. Cancellation policy: All cancellations must be made by writing (email or fax) to the secretary. Payment of the balance of the seminar is due, in full, for cancellation received after invoice raising. Registrants who fail to attend without advance notice are liable for the entire course fee.

Please save or print this form and send me by email: [secretary@fondazioneguidobernardini.org](mailto:secretary@fondazioneguidobernardini.org) or fax: +39 02 45 07 02 12