

## SATELLITE MEETING

Tuesday, March 19<sup>th</sup>



### THE GREAT VALUE OF MOUSE MODELS IN THE STUDY OF HUMAN DISEASES

#### Transparency, Legislation and Animal Welfare

- 9.00 – 9.10** Welcome and Setting the Stage  
*Jesús Ruberte, UAB and Lluís Montoliu, CNB-CSIC*
- 9.10 – 9.30** Transparency in Animal Experimentation  
*Lluís Montoliu, CNB-CSIC*
- 9.30 – 9.50** The Legal Approach to Animal Experimentation  
*Marita Candela, ICALP*
- 9.50 – 10.10** The 3Rs in the Investigation with Mouse Models  
*Patrocinio Vergara, ICLAS*

#### International Platforms Delivering Mouse Human Disease Models

- 10.10 – 10.30** INFRAFRONTIER – *The European Infrastructure for Phenotyping and Archiving of Model Mammalian Genomes*  
*Michael Hagn, HMGU*
- 10.30 – 10.50** IMPC – *The International Mouse Phenotyping Consortium*  
*Tertius Hough, UKRI*

**10.50 – 11.20** Coffee Break

#### Examples of mouse Models used for the Study and Treatment of Human Diseases

- 11.20 – 11.40** Mouse Phenotyping: the Role of Pathology in Discovering the Genetic Causes of Human Diseases  
*Peter Vogel, St. Jude Children's Research Hospital*
- 11.40 – 12.00** Mouse Models to Study Pathologies Associated to Cellular Senescence  
*Manuel Serrano, IRBB*
- 12.00 – 12.20** Genetically Modified Mouse Models for the Study of the *Lafora Disease*  
*Joan Guinovart, IRBB*
- 12.20 – 12.40** Histopathology of Mouse Models used in Drug Discovery Studies  
*Alys Bradley, CHARLES RIVER*

- 12.40 – 13.00** **The Cinderella Effect: Matching Mouse Models to Specific Human Diseases**  
*John Sundberg, JAX*
- 13.00 – 13.20** **Complementarity of Mouse and On-a-chip Models: the Case of the Liver Diseases and Toxicology**  
*Jordi Gracia-Sancho, Idibaps*
- 13.20 – 13.45** **Panel Discussion – Are We Ready to Completely Substitute Mouse Models in Experimentation?**  
Chair: *Lluís Montoliu, CNB-CSIC*  
Panellists: *Colin McKerlie, TCP, Yann Herval, CERBM-ICS, Belén Pintado, FELASA, Jesús Ruberte, UAB and Jordi Gracia-Sancho, Idibaps*

## THE VENUE

**La Reial Acadèmia de Medicina de Catalunya** [<http://ramc.cat/>]

Located in Barcelona, in the charming old town of Barcelona. Close to Plaça Catalunya, Las Ramblas, el Raval and many other beautiful and wonderful spots of the city. Both, the Kick-Off Meeting and the Satellite Meeting will be held in the Anatomy Amphitheatre, the place where Ramon y Cajal used to teach as a Full Professor.



## List of Institutions

- APN** Australian Phenomics Network
- CERBM-ICS** Centre Européen de Recherche en Biologie et en Médecine– Institut Clinique de la Souris
- Charles River** Charles River Laboratories
- CNB-CSIC** Centro Nacional de Biotecnología – Consejo Superior de Investigaciones Científicas
- CNR** Consiglio Nazionale delle Ricerche
- EACEA** Education, Audiovisual and Culture Executive Agency
- FELASA** Federation for Laboratory Animal Science Associations
- FMV-ULisboa** Faculdade de Medicina Veterinária da Universidade de Lisboa
- FUJIFILM** Fujifilm Visualsonics | Sonosite
- HMGU** Helmholtz Zentrum München
- HUVH** Hospital Universitari Vall d'Hebron
- ICALP** International Center for Animal Law and Policy
- ICLAS** International Council for Laboratory Animal Science
- Idibaps** Institut d'Investigacions Biomèdiques August Pi i Sunyer
- IMG** Institute of Molecular Genetics of Prague
- IPM** Institut Pasteur de Montevideo
- IRBB** Institute for Research in Biomedicine of Barcelona
- JAX** The Jackson Laboratory
- KMPC** Korean Mouse Phenotyping Center
- SJCRH** Saint Jude Children's Research Hospital
- TAU** Tel-Aviv University
- TCP** Toronto Center for Phenogenomics Inc.
- UAB** Universitat Autònoma de Barcelona
- UCAM** University of Cambridge
- UCPH** University of Copenhagen
- UCT** University of Cape Town
- UKRI** United Kingdom Research and Innovation
- UniNa** Università degli Studi di Napoli - Federico II
- UniRoma2** Università degli Studi di Roma "Tor Vergata"
- USFD** University of Sheffield
- UVMV** University of Veterinary Medicine Vienna

## List of Participants

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