

Workshop on Mouse Pathobiology



Monday, October 14th

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| 9.00 - 10.00 | A Pathologist's Approach to Phenotyping Mutant Mice
J. Sundberg |
| 10.00 - 11.00 | Approaches to histopathologic scoring in discovery and toxicologic pathology
P. Treuting |
| 11.00 - 11:30 | Coffee break |
| 11.30 - 12.30 | Using Model Organism Phenotype Data to Find New Models of Human Disease: Strategies, Tools and Resources
P. Schofield |
| 12.30 - 13.30 | Mining the Genotype-Phenotype Relationship in Down Syndrome: How Far Can We Go with Mouse Models?
Y. Herval |
| 13:30 - 14:30 | Lunch break |
| 14.30 - 15.30 | Mouse Models to Investigate Genetic Susceptibility to Viral Infections
X. Montagutelli |
| 15.30 - 16.30 | Histopathology of Mouse Models to Study Renal Diseases
P. da Silva-Buttkus |
| 16.30 - 17.30 | Histopathology of Mouse Models to Study Pulmonary Diseases
N. Prats |
| 17.30 - 18.30 | Imaging Cell Lineage-specific and Temporally-regulatable Mouse Models of Vascular Malformation Diseases
R. Wong |



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Tuesday, October 15th











- 9.00 - 10.00 Mouse Genetic Nomenclature: The Underpinning of Mouse Genetics
[J. Sundberg](#)
- 10.00 - 11.00 All in a Name; The Use of Ontological Terminologies for Mouse and Human Phenotypes and Anatomy
[P. Schofield](#)
- 11:00 - 11:30 Coffee break
- 11.30 - 12.30 Histopathology of Mouse Models to Study Colitis and Colorectal Cancer
[P. Treuting](#)
- 12.30 - 13.30 Histology of Thymus and Spleen: Pathological Findings of the Lymphoid and Hematopoietic System
[P. da Silva-Buttkus](#)
- 13:30 - 14:30 Lunch break
- 14:30 - 15:30 Mouse Models to Study Tooth Diseases
[J. Prochazka](#)
- 15:30 - 16:30 The Notch ligand Dll4 as Therapeutic Target for the Regulation of Tumour Angiogenesis
[A. Duarte](#)
- 16:30 - 17:30 Mouse Necropsy
[J. Sundberg](#) and [J. Ruberte](#)






Wednesday, October 16th

- 9.00 - 10.00 Insights from Mouse Models for Understanding Diabetic Retinopathy
[J. Ruberte](#)
- 10.00 - 11.00 Paving the Way to Light: Gene-edited Mouse Models and Human Retinal Organoids to Study Genetic Vision Disease
[G. Marfany](#)
- 11:00 - 11:30 Coffee break
- 11.30 - 12.30 Patient-derived In Vitro Models to Study Rare Diseases
[Reetta Hinttala](#)
- 12.30 - 13.30 Correction of the Cerebellar Pathology in Mouse Models of Megaloencephalic Leukoencephalopathy with Subcortical Cysts (MLC)
[A. Bosch](#)
- 13.30 - 14.30 Lunch break

- 14.30 - 15.30 Vitamin D/VDR Axis on Preventing Weight Gain and Diabetes on High-Fat-Fed Mice
A. Casellas
- 15.30 - 16.30 Insights from Mouse Models for Understanding Hearing Loss
S. Murillo
- 16.30 - 17.30 Mouse Models to Study Skin Diseases
J. Sundberg

List of speakers

Speaker	Institution
Bosch, Assumpció	
Casellas, Alba	
Da Silva-Buttkus, Patricia	
Duarte, Antonio	
Herault, Yann	
Hinttala, Reetta	
Marfany, Gemma	
Montagutelli, Xavier	
Murillo, Silvia	
Pampalona, Judit	
Prats, Neus	
Prochazka, Jan	 <small>hosted by the Institute of Molecular Genetics of the ASCS, v.v.i.</small>

Ruberte, Jesús	 UAB Universitat Autònoma de Barcelona
Treuting, Piper	
Schofield, Paul	
Sundberg, John	 The Jackson Laboratory  VANDERBILT UNIVERSITY
Wong, Rong	 UCSF University of California San Francisco

Attendance at this workshop is free but prior subscription is required:

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