

# IMPC-INFRAFRONTIER Strasbourg Meeting

PHENOMIN-ICS / Strasbourg / France  
“Investigating mouse models for biomedical research”

April, 20<sup>th</sup>-22<sup>nd</sup>, 2016



Themes & Sessions	Wednesday April 20th
13:30-18:40	IMPC Activities & Progress
13:30-15:40	<b>Session 1: Adult and Embryo, future challenges, community outreach and IMPC Database</b> <i>Chair: Colin Fletcher</i>
13:30-14:00	Steve Brown: State of the enterprise
14:00-14:20	Steve Murray: Embryo Pipeline
14:20-14:40	Mark Moore: Future Challenges
14:40-14:55	Terry Meehan: Community Outreach & IMPC Database
14:55-15:40	MPI2 Analysis outcome (up to 3 presentations to be selected from the ongoing work)
15:40-16:10	Coffee and Tea Break
16:10-18:40	<b>Session 2: IPAD sponsored Genome Editing workshop</b> <i>Chair: Yann Herval</i>
16:10-16:25	Lauryl Nutter: the IMPC experience on large scale CrispR/Cas9
16:25-16:40	Marie-Christine Birling: CrispR-Chromosome Engineering
16:40-16:55	Xiang Gao: MARC's experience on CrispR
16:55-17:10	Jason Heaney: CrispR experience@BCM
17:10-17:40	Round table on the definition of the minimal set of Informations for CrispR Allele
17:40-17:55	Break
17:55-18:40	<b>Lecture</b> - Pierre Chambon : Shifting eating creates a misalignment of peripheral and central circadian clocks, and leads to a metabolic syndrome

Themes & Sessions	Thursday April 21st
<b>08:40-18:00</b>	<b>Mouse Models of Human Rare Disease</b>
<b>08:40-10:20</b>	<b>Session 3: Rares diseases</b>
	<i>Chair: Yann Herval</i>
08:40-09:10	Hélène Puccio: Friedreich Ataxia Mouse Models - promising advances
09:10-09:30	Binnaz Yalcin: Neuromorphological Phenotyping of IMPC lines
09:30-10:00	Jocelyn Laporte: Mouse models of myopathy
10:00-10:20	Alain Chedotal: Large scale 3D screening of axon-guidance disorders in mutant mice
10:20-10:50	Coffee and Tea Break
<b>10:50-12:30</b>	<b>Session 4: ID mouse models</b>
	<i>Chair: Shigeharu Wakana</i>
10:50-11:20	Hans Vanbokhoven: Intellectual disabilities and mouse models
11:20-11:40	Damian Smedley: Rare disease models at the IMPC
11:40-12:10	Jamel Chelly: Neurodevelopmental disorders
12:10-12:30	Lionel Reveret: Motion analysis in rodents
<b>12:30-14:00</b>	<b>Lunch</b>
<b>14:00-16:10</b>	<b>Session 5: Other Areas and future topics in phenotyping</b>
	<i>Chair: Steve Brown</i>
14:00-14:20	Ian Rozman: Metabolism paper
14:20-14:40	Arthur Beaudet: Metabolomic @BCM
14:40-15:00	Natasha Karp: Sexual dimorphism
15:00-15:20	Bernard Malissen: Immunophenotyping
15:20-15:40	Xavier Montagutelli : IMPC-CC
15:40-16:10	Coffee and Tea Break
<b>16:10-17:40</b>	<b>Session 6: Microbiote</b>
	<i>Chair: Bernard Malissen</i>
16:10-16:40	Bertrand Routy: Immunotherapy
16:40-17:10	Olivier Bouchez : methods to characterize the microbiota in the mouse tissues
17:10-17:40	Andrew MacPherson : Germ free and gnotobiotic mice in the study of host microbial mutation
	<b>End of the meeting</b>