

# PHENOMIN 3<sup>rd</sup> European Advanced School for Mouse Phenogenomics 2019 SCHEDULE

Monday, May 20

**Other:** Introduction

*Yann HERAULT (PHENOMIN-ICS)*

Introduction to the advanced school

**Course:** Mouse genetics

*Mohammed SELLOUM (PHENOMIN-ICS)*

European resources: general overview

**Course:** Mouse genetics

*Lluís MONTOLIU (CNB-CSIS)*

Laboratory Mouse Genetics : basic overview

**Lecture:** Mouse genetics

*Xavier MONTAGUTELLI (Pasteur)*

The genetic determinism of complex traits and mouse models of human pathologies

**Workshop:** Attendees' introduction (Part 1)

Tuesday, May 21

**Workshop:** Attendees' introduction (Part 2)

**Course:** Mutagenesis

*Marie Christine BIRLING (PHENOMIN-ICS)*

Mouse model generation and validation

**Course:** Mutagenesis

*Bernard MALISSEN (PHENOMIN-CIPHE)*

Mutagenesis to decipher the mouse immune system & the humanized mice

**Lecture:** Mouse model for cancer research

*Jos JONKERS (NKI)*

**Lecture:** Role of epigenetic in behavior studies

*Isabelle MANSUY (UZH)*

**Workshop:** CASE STUDY (Workgroup)

Choose and valid your model

Wednesday, May 22

**Course:** Functional tests and preclinical studies, and limits of the mouse model

*Ghina BOU ABOUT (PHENOMIN-ICS)*

*Hamid MEZIANE (PHENOMIN-ICS)*

*Tania SORG (PHENOMIN-ICS)*

*Laurent VASSEUR (PHENOMIN-ICS)*

*Olivia WENDLING (PHENOMIN-ICS)*

*Stephanie LERONDEL (PHENOMIN-TAAM)*

*Patrick REILLY (PHENOMIN-ICS)*

*Hugues JACOBS (PHENOMIN-ICS)*

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**Lecture:** Animal-based studies will be essential for precision medicine

*Jean-Louis MANDEL (IGBMC)*

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**Workshop:** CASE STUDY (Workgroup)

Phenotype your model

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## Social Event

Thursday, May 23

**Course:** Animal Science

*Abdel AYADI (PHENOMIN-ICS)*

Tips, tools and techniques to secure your mice projects and mouse colony management

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**Course:** Animal Science/ bioconfinement/ immunity

*Ana ZARUBICA (PHENOMIN-CIPHE)*

Health status and bioconfinement

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**Course:** Microbiota and experimental mouse models of human disease

*Guillaume PAVLOVIC (PHENOMIN-ICS)*

General impact of microbiota on health: impact on phenotyping

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**Lecture:** Microbiota and Immunity

*Stephanie GANAL-VONARBURG (University of Bern)*

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**Round Table:** Dirty mice and/or standardization ?

*Ana ZARUBICA (PHENOMIN-CIPHE)*

*Herve LUCHE (PHENOMIN-CIPHE)*

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**Lecture:** Microbiota and experimental mouse models of human disease

*Martin SCHWARZER (CAS)*

Microbiota-host cross-talk in the juvenile growth and food allergy: lessons from gnotobiotic mouse models

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**Course:** Microbiota and experimental mouse models of human disease

*Herve LUCHE (PHENOMIN-CIPHE)*

Immunophenotyping

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**Course:** Ethic and welfare assessment

*Isabelle GONCALVES (PHENOMIN-ICS)*

Welfare assessment of GEMs

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**Workshop:** CASE STUDY (Workgroup)

Ethic and welfare assessment

Friday, May 24

**Course:** Improving Bioscience Research Reporting

*Isabelle GONCALVES (PHENOMIN-ICS)*

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**Other:** Data integration

*Anne-Marie MALLON (MRC)*

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**Round Table:** 3 key emerging points

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**Other:** PHENOMIN-ICS phenotyping facility's tour- upon registration

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