



PathBio Final Meeting

Thursday, December 2nd, 2021

Auditorium CEINGE

via Gaetano Salvatore 486, Naples

12.00 – 13.00 Registration and Lunch

13.00 – 13.10 Welcome to the participants

L. d'Angelo, P. de Girolamo, UNINA & P. Forestieri CEINGE

13.10 – 13.30 Vision and Overall Achievements of PATHBIO. The path forward

J. Ruberte, UAB

13.30 – 13.45 WP1 and WP7 – Project Management and Quality Assurance

G. Gràcia, UAB

13.45 – 14.00 WP2 – Identification of Specific Needs and Previous Resources

P. Schofield, UCAM

14.00 – 14.15 WP3 – Virtual Learning Environment

P. Schofield, UCAM

14.15 – 14.25 WP4.1 – Atlas for the Identification of Mouse Lymphatics

J. Ruberte, UAB

- 14.25 – 14.35** WP4.2 – X-Ray Annotation Mouse Atlas
J. Ruberte, UAB
- 14.35 – 14.45** WP4.3 – Deconstructing a Mouse Embryo
M. Mark, CERBM-ICS
- 14.45 – 14.55** WP4.4 – Tutorial on 3D Image Analysis of the IMPC Resource to Link Genes to Development
A.M. Mallon, UKRI
- 14.55 – 15.05** WP4.5 – Mouse Craniofacial Development and Teeth Tutorial
J. Prochazka, IMG
- 15.05 – 15.15** WP4.6 – Webinar on Mouse Skin Phenotyping
C. Brakebusch, UCPH
- 15.15 – 15.25** WP4.7 – Unit on the Application of Formal Semantic Descriptions to Capture and Analyse the Phenotype
P. Schofield, UCAM
- 15.25 – 15.40** WP5 – Summary and Impact of the “Anatomy, Embryology, Histology, and the Anatomical Basis of Imaging” Summer Courses [Module I]
J. Ruberte, UAB
- 15.40 – 15.55** WP5 – Summary and Impact of the “Imaging” Summer Courses [Module II]
E. Bedu, CERBM-ICS
- 15.55 – 16.10** WP5 – Summary and Impact of the “Pathology, Ontology, Genetics, and Informatics” Summer Courses [Module III]
C. Brakebush, UCPH

16.10 – 16.30 Coffee Break

- 16.30 – 16.45** WP6 – MorphoPHEN Master Design
J. Ruberte, UAB
- 16.45 – 17.00** WP8 – Dissemination of the Results
L. Mendes-Jorge, FMV-ULisboa
- 17.00 – 17.20** Special talk: Life and Legacy of Vincenzo Diamare
D. Santucci, ISS
- 17.20 – 17.30** Meeting wrap up and closing
J. Ruberte & P. de Girolamo, UAB & UNINA

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SATELLITE MEETING
Reproducibility and Translatability in Research: the Path forward

Friday, December 3rd, 2021
Aula Magna "Gaetano Salvatore"
Via Pansini 5, Naples

9.30 – 10.00 Welcome
J. Ruberte & P. de Girolamo, UAB & UNINA

10.00 – 11.00 There are still surprises derived from genetic manipulation of the mouse
M. Capecchi, UU – United States

11.00 – 11.30 Coffee-break

11.30 – 12.00 From patchwork mouse to patchwork data: how integrity issues plague preclinical research
E. Bucci, TU – United States

12.00 – 12.30 Key words to improve results reproducibility using animal models for neurological diseases: study design, endpoints, readouts, quality control
L. Calzà, UNIBO; Fondazione IRET – Italy

12.30 – 13.00 From the mouse to human and back: how to safeguard data translatability
G. Cirino, UNINA – Italy

13.00 – 14.00 Light lunch/Coffee-break (?)

14.00 – 14.30 Preclinical imaging modalities in translational research
M. Mancini, CNR – Italy

14.30 – 15.00 The DNA damage response in the old mouse brain
A. Merighi, UNITO – Italy

15.00 – 15.30 Beyond standardized phenotyping pipeline: the path towards preclinical development
R. Sedlacek, IMG – Czech Republic

15.30 – 16.00 Probing the pathophysiology of the dark genome: the power of mouse genetics
S. Brown, UKRI – United Kingdom

16.00 – 16.30 Closing remarks
J. Ruberte, L. d'Angelo & P. de Girolamo, UAB & UNINA

20.00 Gala Dinner

List of Institutions

CERBM-ICS Centre Européen de Recherche en Biologie et en Médecine– Institut Clinique de la Souris

CHARLES RIVER Charles River Laboratories

CNR National Research Council, Italy

FELASA Federation of European Laboratory Animal Science Associations

FF-SS Fujifilm Visualsonics-Sonosite

FMV-Ulisboa Faculdade de Medicina Veterinária da Universidade de Lisboa

HMGU Helmholtz Zentrum München

ICLAS International Council for Laboratory Animal Science

ISS Istituto Superiore di Sanità

IMG Institute of Molecular Genetics

INFRAFRONTIER INFRAFRONTIER GmbH

JAX The Jackson Laboratory

KMPC Korean Mouse Phenotyping Center

PA Phenomics Australia

TAU Tel-Aviv University

TCP The Centre for Phenogenomics Inc.

TU Temple University of Philadelphia

UAB Universitat Autònoma de Barcelona

UATE Institut Pasteur de Montevideo

UCAM University of Cambridge

UCPH University of Copenhagen

UKRI United Kingdom Research and Innovation

UNIBO Alma mater studiorum - Università di Bologna

UNINA Università degli Studi di Napoli

UNITO Università degli Studi di Torino

USFD University of Sheffield

UU University of Utah

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