

## DAY 1 THURSDAY MARCH 24<sup>TH</sup>, 2022

### 12:00 PM - 01:00 PM REGISTRATION

### 01:00 PM - 01:55 PM OPENING CEREMONY / WELCOME ADDRESS

Chairs: Soumeya BEKRI & Abdellah TEBANI, Rouen University Hospital, Rouen, FRANCE

### SESSION 1 THE PROMISE OF PRECISION MEDICINE

Moderators: Stéphane MARRET - Stéphane ALLOUCHE

#### 02:00 PM - 02:30 PM Precision Healthcare. Beyond Medical Data

Jan SCHILDMANN, Institute for History and Ethics of Medicine, Halle/Saale, GERMANY

#### 02:35 PM - 03:05 PM Ethical Shifts in the Digital Medicine Era

Alessandro BLASIMME, Eidgenössische Technische Hochschule (ETH), Zürich, SWITZERLAND

### 03:10 PM - 04:10 PM SATELLITE EVENT | TAKEDA

**The promises of diagnostic approaches & futures therapeutics in lysosomal diseases**

#### 03:10 PM - 03:40 PM Launch of LysoDiag platforms in France for the diagnosis of lysosomal diseases

Soumeya BEKRI, Rouen University Hospital, Rouen, FRANCE

#### 03:40 PM - 04:10 PM New approaches for diagnosis & therapeutics in lysosomal disorders

Jérôme AUSSEIL, Toulouse University Hospital, Toulouse, FRANCE

### 04:15 PM - 04:55 PM COFFEE BREAK

### 05:00 PM - 05:45 PM PLENARY KEYNOTE

Moderator: Abdellah TEBANI

#### 05:00 PM - 05:45 PM The End of Medicine as we Know it

Harald SCHMIDT, Maastricht University, Maastricht, NETHERLANDS



## DAY 2 FRIDAY MARCH 25<sup>TH</sup>, 2022

### 08:00AM - 08:40 AM REGISTRATION

### SESSION 1 TOWARDS QUANTIFIED MEDICINE

Moderators: Claude HOUDAYER - Olivier GUILLIN

#### 08:45 AM - 09:15 AM Advances Towards Precision Psychiatry

Michael Eriksen BENROS, Copenhagen University Hospital, Copenhagen, DENEMARK

#### 09:20 AM - 09:50 AM Risk Prediction in Alzheimer Disease

Gaël NICOLAS, Rouen University Hospital, Rouen, FRANCE

#### 09:55 AM - 10:25 AM The Role of Systems Biology in the Treatment of Liver Diseases

Adil MARDINOGLU, King's College London / Royal Institute of Technology (KTH), Stockholm, UK/SWEDEN

### 10:30 AM - 11:00 AM COFFEE BREAK

### 11:05 AM - 12:05 PM SATELLITE EVENT | PERKINELMER

**From Newborn Screening to Metabolomics**

#### 11:05 AM - 11:35 AM A two-tier approach to the neonatal screening of Lysosomal Storage Disorders (LSD)

#### 11:40 AM - 12:05 PM The use of a Lipid Metabolomics approach to identify new and novel markers for the screening of Peroxisomal Disorders (PSD)

Enzo RANIERI, Women's and Children's Hospital, Adelaide, AUSTRALIA



### 12:10 PM - 01:25 PM LUNCH BREAK

### SESSION 1 TOWARDS QUANTIFIED MEDICINE

Moderators: Saeed SHOAIIE - Rodolphe ANTY

#### 01:30 PM - 02:00 PM Population Variation of Microbiota

Nele BRUSSELAERS, Universiteit Antwerpen, Antwerpen / Karolinska Institutet, Stockholm, BELGIUM/SWEDEN

#### 02:05 PM - 02:35 PM Genome-scale Metabolic Modeling of the Human Microbiome in the Era of Personalized Medicine

Almut-Katrin HEINKEN, University of Lorraine, Nancy, FRANCE

### 02:40 PM - 03:10 PM COFFEE BREAK

### SESSION 2 ENGINEERING THE MEDICAL ENTREPRISE

Moderators: Vianney GILARD - Eric VIBERT

#### 03:15 PM - 03:45 PM Tissue Engineering and 3D Printing for Regenerative Therapy

Shrike ZHANG, Harvard Medical School, Cambridge, USA

#### 03:50 AM - 04:20 PM Precision Surgery Coming of Age

Ronan CAHILL, Mater Misericordiae University Hospital, Dublin, IRELAND

### SESSION 3 CHALLENGES AND PERSPECTIVES: FILLING THE GAPS

Moderators: Frédéric BARBEY - François LABARTHE

#### 04:25 PM - 04:55 PM Population Health and the Precision Medicine Ecosystem

Kenneth MANDL, Harvard Medical School, Boston, USA

### 05:00 PM - 05:10 PM CONCLUDING REMARKS

Soumeya BEKRI & Abdellah TEBANI, Rouen University Hospital, Rouen, FRANCE