

# AGENDA

## AETIONOMY – Final Symposium and IMI Neurodegeneration Initiatives

### Day 1 – November 29<sup>th</sup>

Morning Session: AETIONOMY Outputs and Perspectives

**08:30**      **Registration and Welcome Coffee**

**09:15**      **Introduction**

*Dr. Phil Scordis, UCB Biopharma SPRL*

*Prof. Dr. Martin Hofmann-Apitius, Fraunhofer SCAI*

**09:30**      **The IMI Research Program in Neurodegeneration: Delivering on the Promise**

*Elisabetta Vaudano, Innovative Medicines Initiative*

### **AETIONOMY Presentations**

**10:00**      **Vision: Towards a Mechanism-based Taxonomy of Neurodegenerative Diseases**

*Prof. Dr. Martin Hofmann-Apitius, Fraunhofer SCAI*

**10:30**      **Knowledge: The AETIONOMY Knowledge Base**

*Dr. Reinhard Schneider, University of Luxembourg*

**10:45**      **Mechanisms: NeuroMMSig, the Mechanism-enrichment Server**

*Daniel Domingo Fernández, Fraunhofer SCAI*

**11:00**      **Coffee Break**

**11:45**      **Simulation: The Virtual Dementia Cohort**

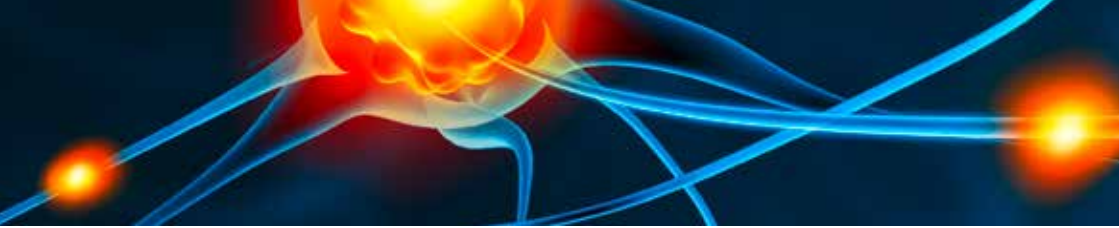
*Prof. Dr. Martin Hofmann-Apitius, Fraunhofer SCAI*

**12:00**      **Stratification: Mechanism-based Stratification of Patient-level Data**

*Dr. Holger Fröhlich, UCB Biosciences GmbH*

**12:15**      **Disease Progression Aspects: AD and PD Progression Models**

*Meemansa Sood, Fraunhofer SCAI*



- 12:30     **Classification:** The AETIONOMY PD Cohort and First Results of the Mechanism-based Classification  
*Prof. Jean-Christophe Corvol, ICM: Institut du Cerveau et de la Moelle épinière*
- 12:45     **Proteomics:** Validating Selected Candidate Mechanisms by High-throughput Proteomics  
*Prof. Per Svenningsson, Karolinska Institutet*
- 13:00     **Lunch**
- Afternoon Session: AETIONOMY and Beyond
- 14:00     **Keynote I:** Dementia – Big Problem; Big Data – Big Solution?  
*Prof. John Gallacher, University of Oxford, Dementias Platform UK*
- Related IMI Neurodegeneration Initiatives**
- 15:00     EMIF-AD – Identify Predictors of Alzheimer’s Disease in the Pre-clinical and Prodromal Phase  
*Dr. Pieter-Jelle Visser, VU University Medical Center*
- 15:15     **Coffee Break**
- 15:45     EPAD – European Prevention of Alzheimer’s Dementia Consortium  
*Prof. Craig Ritchie, University of Edinburgh*





- 16:00     **ADAPTED – Alzheimer’s Disease Apolipoprotein Pathology for Treatment Elucidation and Development**  
*M.D. Ph.D. Agustín Ruíz, Institut Català de Neurociències Aplicades (Fundació ACE)*
- 16:15     **PHAGO – Inflammation and AD: Modulating Microglia Function – Focussing on TREM2 and CD33**  
*Prof. Dr. Harald Neumann, University of Bonn*
- 16:30     **PRISM – Psychiatric Ratings Using Intermediate Stratified Markers: Providing Quantitative Biological Measures to Facilitate the Discovery and Development of New Treatments for Social and Cognitive Deficits in AD, SZ, and MD**  
*Prof. Dr. Martien Kas, University of Groningen*
- 17:00     **Coffee Break**
- 17:30     **RADAR-AD – Remote Assessment of Disease and Relapse in Alzheimer’s Disease**  
*Prof. Dag Aarsland, Kings College London*
- 17:45     **Special Invitation: Neurodegeneration Research from an Academic Perspective: JPND Strategies**  
*Prof. Dr. med. Thomas Gasser, University of Tübingen*
- 19:00     **Dinner**





## Day 2 – November 30<sup>th</sup>

### Morning Session: Translational Neuroscience – the Bigger Picture

09:00 **Welcome Coffee**

09:30 **Wrap-up Day 1**

*Dr. Phil Scordis and Prof. Dr. Martin Hofmann-Apitius*

09:45 **AETIONOMY Crosstalk to the Human Brain Project: Building Bridges Between Major Initiatives**

*Prof. Dr. Viktor Jirsa, Director CNRS and Institut de Neurosciences des Systèmes*

10:30 **Interdisciplinarity in Translational Neuroscience – Easier Said than Done**

*Prof. Dr. Rudi Balling, Luxembourg Centre for Systems Biomedicine*

11:00 **Coffee Break**

11:30 **Keynote II: Bridging the Translational Gap: an Integrative Systems Modeling Approach for Precision Brain Health**

*Dr. Magali Haas, CEO & President Cohen Veterans Bioscience*

12:30 **Lunch Break**

### Afternoon Session: Discussion on Data and Collaborations, and the Future of IMI

13:30 **Panel: Data Sharing and Collaboration between IMI Neurodegeneration Research Projects – Experiences and Suggestions for Improvements.**

*Panelists: IMI-project coordinators from industry and academia, Elisabetta Vaudano*

14:30 **Future Directions: After 10 Years of IMI**

*Dr. Pierre Meulien, Innovative Medicines Initiative*

15:30 **Summary and Conclusion**

*Dr. Phil Scordis and Prof. Dr. Martin Hofmann-Apitius*

16:00 **Closure**