



Inspired by **patients**.
Driven by **science**.

BMIC meets Industry:

Imaging hallmarks of disease progression & treatment response

- 13h15 – 13h25** Introduction
- 13h25 – 14h 05** Karel Deblaere (UGent)
“MRI in follow up of disease progression and treatment”
- 14h05 – 14h45** Paul Maguire (UCB) and Koen Van Laere (UZ Leuven & KU Leuven)
“Optimizing patient clinical trial dosing for an investigational anti-epileptic medicine using SV2A PET”
- 14h45-15h15** Pitches “Imaging in Disease Models”
- Melissa Crabbé (KU Leuven)
“Increased P2X7 receptor binding is associated with neuroinflammation in acute but not chronic rodent models for Parkinson’s disease”
 - Aneta J. Keliris (UA)
“Brain drain- ‘efficacy of glymphatic system clearance’ as a new emerging biomarker of CNS disorders”
 - Kim Braeckman (UGent)
“Longitudinal DTI changes following cognitive training therapy in a mild traumatic brain injury rat model”
 - Christine Bastin (ULg)
“In vivo imaging of synaptic loss in Alzheimer’s disease with [18F]UCB-H Positron Emission Tomography”
 - Kaat Dekoster (KU Leuven)
“Longitudinal in vivo micro-CT for high-power preclinical screening of anti-fibrotic compounds in mouse model of lung fibrosis”

- 15h15-15h35** Break
- 15h35-16h15** Céline Vermeiren (UCB)
“Tau PET tracers (AV-1451, THK5351) and their MAO off target”
- 16h15-16h55** Frauke Alves (Max-Planck-Institute for Experimental Medicine & University Medicine Center Göttingen, Germany)
“Preclinical evaluation of therapeutic concepts and response by multimodal imaging”
- 16h55-17h25** Pitches “Novel Tools and Imaging Markers”
- Peter Verstraelen (UA)
“Microscopy-based profiling of neuronal network connectivity and glial complexity”
 - Jessica Bridoux (VUB)
“Site-specifically radiolabelled Human PD-L1 Nanobody: a new tool for PET imaging”
 - Eduardo Ruivo (UA)
“Development Of A Novel Antibody-Tetrazine Conjugate For Bioorthogonal Pretargeted Imaging”
 - Rita Garcia Ribeiro (VUB)
“Development of nanobodies targeting DPP6, a novel beta-cell biomarker”
 - Jan Detrez (UA)
“3D Microscopic profiling of pathological tau spreading in optically cleared brains”
- 17h25-18h30** Reception with speed dating industry & academia