



The Belgian R&D Ecosystem

## AGENDA HEALTH

### FIRST SESSION – 10 am

UNIVERSITY	NAME	EMAIL	SUBJECT
KU Leuven	Bart Landuyt	bart.landuyt@kuleuven.be	Immuno-oncology in vitro assays
KU Leuven	Véronique Daniels	veronique.daniels@kuleuven.be	Pre-clinical models for Parkinson's disease drug discovery
KU Leuven	Thomas De Cooman	Thomas.DeCooman@esat.kuleuven.be	SeizelT: a wearable discrete and personalized system for epilepsy monitoring
KU Leuven	Annelii Ny	annelii.ny@kuleuven.be	Zebrafish platform for toxicity assessment and neuroactive drug discovery
UAntwerpen	Fons Demey	fons.demey@uantwerpen.be	Low cost pose estimation for rehabilitation evaluation
ELIDOT	Christine Deom	deom.c@synhera.be	ELIDOT Platform: The alliance between Immunodot and ELISA technologies.
UGent	Daisy Flamez	daisy.flamez@ugent.be	TRinCE: Photoporation platform technology allowing delivery of macromolecules into any cell with enhanced efficiency and unprecedented accuracy.
UHasselt	An Voets	an.voets@uhasselt.be	Monitor immune status (changes) in function of therapy response and disease development
ULB	Arnaud Quintens	arnaud.quintens@ulb.ac.be	Rapid diagnostic for bacterial infections
			Compositions and methods for treating mycobacterial infections
UGent	Daisy Flamez	daisy.flamez@ugent.be	A reference standard (rEV) bringing extracellular vesicle analysis to the next level.



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## SECOND SESSION – 11.30 am

UNIVERSITY	NAME	EMAIL	SUBJECT
Uliège	Hélène Sabatel	h.sabatel@uliege.be	Thermoforming apparatus for continuous production of solid oral dosage forms
UNamur	Jonathan Douxfils	jonathan.douxfils@unamur.be	Unamur Thrombosis & Hemostasis Center (NTCH)
VUB	Ruani Fernando	rufernan@vub.ac.be	Stem cell technology to predict drug safety and model liver disease
UCLouvain	Tom Leysens	tom.leysens@uclouvain.be	Pharmaceutical solid forms from screening to development
KU Leuven	Bart Landuyt	bart.landuyt@kuleuven.be	Antibiotic mode of action
KU Leuven	Frauke Christ	frauke.christ@kuleuven.be	Organoids as an alternative model of human disease
UHasselt	An Voets	an.voets@uhasselt.be	Immune biomarkers for diagnosis and therapy response in rheumatoid arthritis
ULB Umons	Ludovic Urgeghe	Ludovic.Urgeghe@umons.ac.be	Blood Flow Simulating Device
Unamur	Jean-Michel Vandeweerd	jean-michel.vandeweerd@unamur.be	OASIS: large animal models for fundamental and preclinical research
VUB	Valery Ann Jacobs	Valery.Ann.Jacobs@vub.be	Innovative surgical luminaire reduces post-operative infections
VUB	Filip Legein	filip.legein@gmail.com	Flow Cell



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### THIRD SESSION – 2 pm

UNIVERSITY	NAME	EMAIL	SUBJECT
KU Leuven	Bart Landuyt	bart.landuyt@kuleuven.be	GPCR signaling dissection
KU Leuven	Veronique Daniëls	veronique.daniels@kuleuven.be	MIRaCle: Molecular Imaging Research and Clinic Leuven
KU Leuven	Nick Geukens	nick.geukens@pharmabs.org	Microfluidic-based single B-cell mining platform for generation of human monoclonal antibodies
			DNA-based antibody therapeutics
UAntwerpen	Tom Bosschaerts	tom.bosschaerts@uantwerpen.be	MinTR: a platform for mining T cell receptor patterns for biomedical insights
UGent	Koen Tyberghein	koen.tyberghein@ugent.be	VersaTile Platform: addressing the current limitations in the combinatorial design of biomolecules
UHasselt	An Voets	an.voets@uhasselt.be	Fast and label-free detection of human exposure to carbonaceous particles
ULB	Fabien Dalmas	Fabien.Dalmas@ulb.ac.be	BRIGHTcore
			CMMI: Integrated preclinical Imaging Facility
			Flow cytometry
			Transgenic mice and gene invalidation
			Human functional neuroimaging platform
ULiège	Hélène Sabatel	H.Sabatel@uliege.be	The CIRM "Drug Discovery" Platform
Unamur	Eric Cornelis	eric.cornelis@unamur.be	Virtual Belgium in Health

### FOURTH SESSION – 3.30 pm

UNIVERSITY	NAME	EMAIL	SUBJECT
ULiège	Annick Houbrechts	a.houbrechts@uliege.be	GMP facilities for cell therapy research and development
VUB	Karine Hellemans	Karine.Hellemans@vub.be	BetaSCREEN: a unique in vitro platform for drug screening in diabetes
UCLouvain	Michaël Deghelt	michael.deghelt@uclouvain.be	Increased protein production yield by improved bacterial strains selection
KU Leuven	Bart Landuyt	bart.landuyt@kuleuven.be	A therapy for sepsis
KU Leuven	Nick Geukens	nick.geukens@pharmabs.org	An anti-ADAMTS13 antibody to rescue VWF function to prevent bleeding in patients with a left ventricular assist device
UAntwerp	Wouter Van Putte	wouter.vanputte@uantwerpen.be	EGAMI: a multi-modal neuro-imaging platform for MRI, PET, fluorescence and electron microscopy. Case study I: The potential of whole-brain microscopic imaging to visualize neurodegeneration. Case study II: a novel method to monitoring awake and interacting animals using PET.
UHasselt	Kathleen Smolders	kathleen.smolders@uhasselt.be	Carcinogenic screening with planarian stem cells
VUB	Leo van Grunsven	lvgrunsv@vub.be	In vitro 3D organoid model for liver disease testing
UAntwerpen	Wouter Van Putte	wouter.vanputte@uantwerpen.be	Flexray: a highly flexible and modular multi-resolution 3D X-ray Computed tomography scanner that can be used to obtain 3D information of the exterior and interior of an object.
VUB	Heidi Ottevaere	Heidi.ottevaere@vub.be	Miniature photonics spectrometer for real-time cancer diagnosis