



# *Reducing the reliance on animal experiments in basic and applied research*

08/05/2018, Auditorium Brouwer, VUB - Brussels Health Campus, Jette

09:00 Registration and Welcome Coffee

**09:30** Welcome, *Prof. Peter in't Veld, Dean of the faculty of Medicine and Pharmacy, VUB*

**09:40** IC-3Rs update and future directions, *em. Prof. Dr. Vera Rogiers, IVTD, VUB*

## WELFARE OF ANIMALS IN SCIENTIFIC RESEARCH

**09:50** Reflections on EU Directive 63/2010/EC for the protection of animal used for scientific purposes, *Dr. Susanna Louhimies, DG Environment, European Commission*

**10:25** The EU reference laboratory for alternatives to animal testing, *Prof. Dr. Maurice Whelan, Francqui Chair holder 2017-2018, Joint Research Centre (JRC), European Commission*

11:00 Coffee Break

## INNOVATIVE THINKING IN BASIC AND APPLIED RESEARCH

**11:30** A new paradigm for Alzheimer's research, *Dr. Francesca Pistollato, Joint Research Centre (JRC), European Commission*

**11:50** Directed protein evolution in the preclinical development of a novel gene-based therapy for hereditary tyrosinemia type 1, *Prof. Dr. Joery De Kock, IVTD, VUB*

**12:10** Generation of functional iPSC-derived hepatocytes through the combination of genome and nutrient engineering, *Dr. Ruben Boon, Stem Cell Biology and Embryology, KUL*

12:30 Walking Lunch

## PUTTING ALTERNATIVE METHODS INTO PRACTICE

**13:30** Liver stem cells – based therapeutics application for liver defects, *Dr. Mustapha Najimi, PEDI, UCLouvain*

**13:50** Development of iPSC-derived proximal tubular cells and podocytes for nephrotoxicity screening, *Dr. Anja Wilmes, Vrije Universiteit Amsterdam*

**14:10** Re-PLACE Project: joint initiative Flanders and Brussels Regions, *Dr. Birgit Mertens, Sciensano*

**14:30** Interactive audience discussion session: Factors influencing the uptake of alternative methods in basic and applied research, *Prof. Dr. Maurice Whelan, Francqui Chair holder 2017-2018, Joint Research Centre (JRC), European Commission*

**15:30** Closing comments, *Mrs Bianca Debaets, Brussels State Secretary*

15:45 Networking Reception



Francqui  
Foundation  
Chair

Free of charge but registration is mandatory: [www.IC-3Rs.org](http://www.IC-3Rs.org)  
Certificates of attendance available at event