EPIC-3R SYMPOSIUM
CONTRIBUTION OF IMAGING TO ANIMAL WELFARE

24 Feb 2022 13:00-15:30 pm CET, Microsoft Teams (Link)

13:00  Introduction
Philipp Boehm-Sturm, EPIC-3R speaker, Dpt. of experimental Neurology and Center for Stroke Research, Charité – Universitätsmedizin, Berlin, Germany
Nicola Beindorff, Berlin Experimental Radionuclide Imaging Center, Charité
Daniel Messroghli, Preclinical MRI Center, Charité

13:10  Are we good? Thoughts about compliance of animal imaging with the 3R principle
Lydia Wachsmuth, Translational Research Imaging Center, Dpt. of Clinical Radiology, University Hospital Münster, Germany

13:30  Functional ultrasound imaging: recent developments towards improved translational research
Alan Urban, Department of Neuroscience, Leuven Brain Institute KU Leuven and VIB Neuroelectronics Research and imec, Leuven, Belgium

13:50  Break

14:00  In vivo imaging as indispensable tool for precise translational medicine, at the dusk of the omics and bioinformatics era (“Goetterdaemmerung of Omics”?)
Domokos Mathé, In Vivo Imaging Advanced Core Facility, Hungarian Center of Excellence for Molecular Medicine, Szeged, Hungary

14:20  PET imaging for in vivo diagnostics and therapy monitoring in Alzheimer mouse models
Yvonne Bouter, Dpt. of Psychiatry, Division of Molecular Psychiatry, University Medicine Goettingen, Germany

14:40  Break

14:50  Value of MRI for the ethical use of animals in translational stroke research
Marlène Wiart, IRIS team, CarMeN Laboratory, INSA Lyon, France

15:10  The anesthetized mouse as a model for human brain functions: open data & reproducibility in translational fMRI
Henning Reimann, Berlin Ultrahighfield Facility (B.U.F.F.), Max-Delbrück Center for Molecular Medicine, Berlin, Germany

15:30  Adjourn