



IRN 2024

The 2024 International Workshop on In Vivo Animal Imaging - PET Radiotracer Development and Validation

at
Faculty of Science, Mahidol University (MUSC-CAF)

Organized by
Molecular Probes for Imaging Research Network, Chulalongkorn University

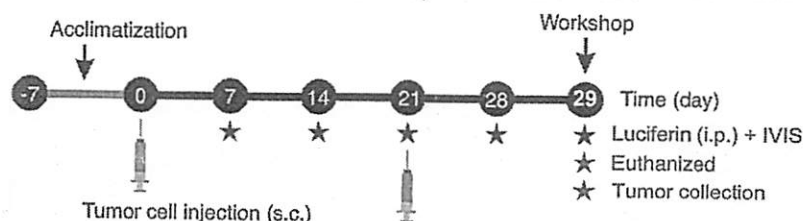
and
Department of Physiology and Central Animal Facility, Faculty of Science, Mahidol University

Thursday, February 22, 2024

- 9:00 - 09:45** Application of MicroPET in Preclinical Evaluations: Enhancing Quantitative Analysis in Small Animal PET Imaging In vivo
Takuya Toyonaga, MD, Ph.D
Department of Radiology and Biomedical Imaging
Yale PET Center, Yale University, Connecticut, USA
- 9:45 - 10:30** In vivo Glioblastoma Imaging - PET Radiotracer Development and Validation (Data Analysis & Result Interpretation in MicroPET)
Mathias Kranz, PhD
PET Imaging Center, University Hospital of North Norway
UiT The Arctic University of Tromsø (UiT), Tromsø, Norway
- 10:30 - 11:15** Application of MicroPET in Preclinical Evaluations: Setup and Calibration of MicroPET
Pierluca Pitacco, Ph.D.
Pre-Clinical Application, MiLab, Houten, The Netherlands
- 11:15 - 12:00** Application of MicroPET in Preclinical Evaluations: Radiometabolites
Daniel Gündel, Ph.D.
Preclinical radiotracer evaluation (PET), Institute of Radiopharmaceutical Cancer Research, Helmholtz-Zentrum Dresden-Rossendorf (HZDR), Germany
- 12:00 - 13:30** Lunch
- 13:30 - 16:30** Lab Session 1: Basic Skill - In vivo Imaging

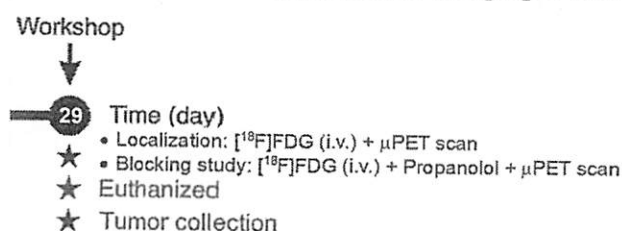
Friday, February 23, 2024

9:00 Lab Session 2: Bioluminescence Imaging of Tumor (IVIS Spectrum In Vivo Imaging System)



12:00 - 13:00 Lunch

13:00 Lab Session 3: MicroPET Imaging (Tumor imaging & Blocking Assay)



16:00 - 16:30 Wrap Up Session: Discussion and Q&A