

Programm Cost Training School 'Epigenetic studies in brain organoids'

Participants	30: postdocs, PhD & Master's students (15 travel and accommodation grants)		
Time	Wednesday, 13.02.2019	Thursday, 14.02.2019	Friday, 15.02.2019
Morning	Introduction whole genome epigenetic studies in cell cultures	Introduction to Epigenetic analysis of brain organoid experiments	Organoid drug discovery studies as substitution for animal studies
Afternoon	Neuronal readouts of brain organoids	Comprehensive DNA methylation analysis	Frontier science and future perspectives
Evening	Welcome dinner		

Wednesday, 13.02.2019

- 9:30-10:45 Whole genome epigenetics
Wet lab tools employed in cancer stem cell and microglia studies
Bozena Kaminska, Nencki Institute of Experimental Biology of the Polish Academy of Sciences, Warsaw
- 10:45-11:00 coffee
- 11:00-12:00 Attendee talks
- 12:00-13:00 lunchbreak
- 13:00-15:00 Neuronal readouts of brain organoids
Jeroen Pasterkamp, Renata B. Vieira de Sá, MSc, PhD student
Department of Translational Neuroscience, UMC Utrecht
- 15:00-15:15 tea
- 15:15-17:00 Tumor spheroids: a powerful tool in cancer research –
Vilma Petrikaite, Lithuanian University of Health Sciences
& Attendee talks

Thursday, 14.02.2019

- 9:30-10:45 Epigenetic analysis of brain organoid experiments
Marco Boks, Amber Berdenis van Berlekom, Vincent van der Sluis
- 10:45-11:00 coffee
- 11:00-12:00 Attendee talks
- 12:00-13:00 lunchbreak
- 13:00-15:00 Comprehensive DNA methylation analysis - Jon Turner, Luxembourg
- 15:00-15:15 tea
- 15:15-17:00 Dynamic epigenetic analysis of transcription - Eric O'Neill, Oxford

Friday, 15.02.2019

- 9:30-10:45 Organoid drug discovery studies as substitution for animal studies
Fraunhofer Institute for Molecular Biology and Applied Ecology IME Screening Port
Dr. Sheraz Hamburg, Germany
- 10:45-11:00 coffee
- 11:00-12:00 attendee talks
- 12:00-13:00 lunchbreak
- 13:00-15:00 Frontier science and future perspectives
Panel discussion and exploration of grant opportunities
- 15:00-15:15 tea
- 15:15-17:00 Attendee talks