

Comparative Pathology Course (...)
19.10. – 22.10.2020

Program

Location: Parkterrasse 14, 3012 Bern

Monday, October 19, 2020

08.15 – 08.45 h	Registration of participants	Christine Göpfert
08.45 – 09.00 h	Welcome	Christine Göpfert Institute of Animal Pathology, Vetsuisse, University of Bern
09.00 – 10.00 h	Comprehensive design of animal experiments	Thorsten Buch Institute of Laboratory Animal Science, University of Zürich
10.00 – 10.30 h	<i>Coffee break</i>	
10.30 – 11.45 h	Laboratory animal management	Thorsten Buch Institute of Laboratory Animal Science, University of Zürich
11.45 – 13.00 h	<i>Lunch break</i>	
13.00 – 14.00 h	Animal husbandry & welfare	Hanno Würbel Veterinary Public Health Institute, Vetsuisse, University of Bern
14.00 – 15.00 h	Anatomy of mice & rats	Simone de Brot Institute of Animal Pathology, Vetsuisse, University of Bern
15.00 – 15.30 h	<i>Coffee break</i>	
15.45 – 17.30 h	Anatomy of mice & rats (hands-on session, Institute of Animal Pathology)	Christine Göpfert & Simone de Brot Institute of Animal Pathology, Vetsuisse, University of Bern

Tuesday, October 20, 2020

08.30 – 9.45 h	Genetic engineering of mice	Sven Rottenberg Institute of Animal Pathology, Vetsuisse, University of Bern
09.45 – 10.15 h	<i>Coffee break</i>	
10.15 – 11.15 h	Histologic processing of organ samples	Jessica Sordet-Dessimoz EPFL, Lausanne
11.15 – 12.15 h	Immunohistochemistry and related techniques	Jessica Sordet-Dessimoz EPFL, Lausanne
12.15 – 13.00 h	<i>Lunch break</i>	
13.00 – 14.30 h	Electron microscopy	Michael Stoffel Institute of Anatomy, Vetsuisse, University of Bern
14.30 – 15.00 h	<i>Coffee break</i>	
15.00 – 16.30 h	Macroscopic and histologic pathology / Common lesions in mice & rats	Christine Göpfert Institute of Animal Pathology, Vetsuisse, University of Bern

Wednesday, October 21, 2020

08.30 – 09.30 h	Digital Pathology	Inti Zlobec Institute of Pathology, University of Bern
09.30 – 10.00 h	<i>Coffee break</i>	
10.15 – 12.15 h	Guided Tour through the Translational Research Laboratory (TRU, Institute of Pathology)	Inti Zlobec Institute of Pathology, University of Bern
12.15 – 13.30 h	<i>Lunch break</i>	
13.30 – 15.00 h	Prostate cancer research – pressing questions and animal models to address them	Mark Rubin Department for Biomedical Research, Medical Faculty, University of Bern Simone de Brot Institute of Animal Pathology, Vetsuisse, University of Bern
15.00 – 15.30 h	<i>Coffee break</i>	
15.30 – 17.00 h	Precision medicine and what it is about?!	Mark Rubin Department for Biomedical Research, Medical Faculty, University of Bern

Thursday, October 22, 2020

09.00 – 12.00 h	Group work Preparation of 3 presentations by the participants (journal club format)	Sven Rottenberg, Christine Göpfert, Simone de Brot Institute of Animal Pathology, Vetsuisse, University of Bern
12.00 – 13.00 h	<i>Lunch break</i>	
13.00 – 14.30 h	Group work Presentation of publications by the participants (focus on experimental design, data generation and evaluation)	Sven Rottenberg, Christine Göpfert, Simone de Brot Institute of Animal Pathology, Vetsuisse, University of Bern
14.30 – 15.00 h	Conclusions and evaluation	Sven Rottenberg Institute of Animal Pathology, Vetsuisse, University of Bern

Additional Information:

- Limitation: max. 20 participants
- Application until 15.09.2020 by e-mail: christine.herzig@vetsuisse.unibe.ch (you will receive an email confirming your participation)
- Course fee: 800 CHF
- **1.5 ECTS credits** (requires participation of course and passed final exam)
- Examination (written format) will take place on Monday, 02.11.2020 / 09.00 h at the Vetsuisse Faculty, Bern (detailed information will follow)
- Coffee breaks are included, lunch is at the expense of participants