Animal Science and Ethics Day
Thursday, 10th October 2019  University of Bern

Talks

Animal Welfare
Basic Concepts of Statistics
Alternative Methods to Animal Experiments
Research and Society

with Dr. Alessandra Bergadano, Dr. Paulin Jirkof, Gilles Kratzer, Prof. Dr. Alex Dommann, Dr. Barbara Drasler and Bettina Zimmermann

Workshops

Science and Society
Ethics and Animal Experimentation
Reproducibility of Animal Experiments
Statistics Hand-on

with Jonas Wittwer, Lara Gafner, Dr. Pierre-Luc Germain, Servan Grüninger and Gilles Kratzer

Key-Note Lecture

Harm-Benefit Analysis in Animal Research:
Scientific, Ethical and Practical Challenges

Prof. Dr. Hanno Würbel, University of Bern

1 Day Continuous Education in Animal Experimentation

Mandatory registration at http://biomedicalsciences.ch/abs-animal-science-and-ethic-day-2019/ until 03.10.2019

Fees:
30 CHF for Alumni BMS and reatch members
40 CHF for non members

Contact: alumni@biomedicalsciences.ch
Program

Kinderklinik EG, Kursraum 1  181

8:00  Registration

Animal Welfare:
8:30  25 caring steps to welfare and success for my in vivo research
Dr. Alessandra Bergadano, University of Bern
9:00  Pain assessment and pain treatment for laboratory rodents
Dr. Paulin Jirkof, University of Zurich

Statistics:
9:30  Study design, power analyse and sample size calculation
Gilles Kratzer, MSc, University of Zurich

10:00 Coffee Break

Alternative methods to animal experiments:
10:30 How to improve in vitro models
Prof. Dr. Alex Dommann, EMPA
11:00 Predictive 3D epithelial tissue models – opportunities and limitation
Dr. Barbara Drasler, University of Fribourg

Research and Society:
11:30 Genetics in the public discourse
Bettina Zimmermann, MSc, University of Basel /reatch

12:00 Lunch Break

Murtenstrasse 35, F-floor

Workshops:
13:20 Science and society
Jonas Wittwer and Lara Gafner, BSc, University of Zurich / reatch
Ethics and animal experimentation
Dr. Pierre-Luc Germain, ETH Zurich / reatch
Reproducibility of animal experiments
Servan Grüninger, MSc, University of Zurich / reatch
Statistics Hands-on
Gilles Kratzer, MSc, University of Zurich

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15:40 Coffee Break

16:00 Key-Note Lecture
Harm-Benefit analysis in animal research: scientific, ethical and practical challenges
Prof. Dr. Hanno Würbel, University of Bern

17:00 Apéro