



Newsletter

Berlin-Brandenburg research platform BB3R – Issue 4

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BB3R introduces: Refinement and Education

The Institute of Animal Welfare, Animal Behavior and Laboratory Animal Science (Head: Prof. Dr. Christa Thöne-Reineke) is part of the Department Panel „Veterinary Public Health“ at the Faculty of Veterinary Medicine, Freie Universität Berlin. Our main areas of scientific interest are Animal Welfare Indicators in laboratory as well as farm animals



which assess well-being of animals in a scientific and animal-centered manner. In the framework of BB3R, we performed a study on “Severity assessment of repeated anesthesia in laboratory rodents”. In our function as Animal Welfare Officers, we ensure the implementation and continuous development of the 3R principle at the Freie Universität and Humboldt-Universität Berlin. A further focus is education of both undergraduates and postgraduates, since the best way to protect animals is to create a culture of care and impart a high level of knowledge on ethology, animal welfare, ethics and legislation as well as laboratory animal science. We support veterinarians on their way in becoming specialists in these areas or even to qualify as animal welfare officers. The Webinar “3R and Alternative Approaches to Animal Testing”, which was awarded by the State of Berlin in 2015, allows the participants from all over the world to gain an insight into latest developments in the field of the 3R and discuss current issues with international experts. We follow the aim to arise awareness of animal welfare issues and the 3R. Our research activities and education programs intend to make a huge contribution to the application of the 3R, particularly Refinement.

Upcoming Event

- 2018, April 9th -13th : IV. BB3R Spring School: Alternatives to Animal Testing

New publications

- Lemfack MC, Gohlke BO, Toguem SMT, Preissner S, Piechulla B, Preissner R. mVOC 2.0: a database of microbial volatiles. Nucleic Acids Res. 2017 Nov 2. PMID: 29106611 [Link](#)
- Bock S, Said A, Müller G, Schäfer-Korting M, Zoschke C, Weindl G. Characterization of reconstructed human skin containing Langerhans cells to monitor molecular events in skin sensitization. Toxicol In Vitro (2017) 46:77-85 [Epub ahead of print] [Link](#)

Nominations

Dr. Priyanka Banerjee (working group of PD Dr. Robert Preissner, Charité), was nominated for ‘The Lush Prize 2017’ under category of young researcher across the world.

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