



In vivo Research Facility Seminars: Harlan Symposium

Agenda

Monday, June 8th, 2015; 08:30 - 14:30
(Speaker bios follow)

- 08:30 - 09:00 Registration and Coffee
- 09:00 - 09:20 Welcome by **Björn Kolbe**, Account Executive North, Middle and Eastern Germany, Harlan Laboratories GmbH and **Prof. Dr. Branko Zevnik**, Head of CECAD *In Vivo* Research Facility
- 09:20 - 10:00 Molecular Aging Research in Cologne
Prof. Dr. Thomas Benzing, Chairman of the Department II of Internal Medicine, Director of the Centre for Molecular Medicine, University of Cologne
- 10:00 - 10:30 Coffee / Tea Break
- 10:30 - 11:15 (Re-)Emerging Fields of *In-vivo* Research Interest
Dr. Jan-Bas Prins, PhD, Head of Laboratory Animal Facility, Leiden University, and Chief Scientific Officer, BioXpert B.V.
- 11:15 - 12:00 Metabolic Labeling of Living Organisms with Stable Isotopes
Prof. Dr. Marcus Krüger, University Professor, University Cologne, Institute for Genetics, CECAD
- 12:00 - 13:00 Lunch (*sandwiches will be served*)
- 13:00 - 13:45 Reproductive Services, Colony Maintenance and Breeding of Genetically-Modified Animals
Dr. Philip Damiani, Global Head of Embryologic Sciences and Transgenic Support, Harlan Laboratories Europe
- 13:45 - 14:30 Using Humanized Mice to Evaluate Novel Approaches in HIV-1 Therapy
Prof. Dr. Florian Klein, University Professor, University of Cologne, Department of Internal Medicine I
- 14:30 Tour of the CECAD facilities (*please register upfront!*)

To register for this free-of-charge event, [click here](#). Be sure to indicate if you are joining us for lunch and the site tour!
Early registration is recommended as the maximum number of attendees is 90 persons.



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Speakers

Dr. Ir. Jan-Bas Prins, Ph.D.

Head of the Laboratory Animal Facility, Leiden University Medical Centre
Chief Scientific Officer, BioXpert B.V.

Jan-Bas Prins received his Master's Degree with Distinction from the Wageningen University in the Netherlands, majoring in genetics and immunology. He went on to earn his Ph.D. in Laboratory Animal Science with Prof. Dr. L. van Zutphen at the University of Utrecht. After a research period with the group of Dr. J. Todd at the University of Oxford, UK, studying the genetics of Type I diabetes, Dr. Prins went on to the Erasmus University, Rotterdam, The Netherlands, where he worked in the Department of Immunology and subsequently became the head of the pre-clinical division of the Department of Pulmonary Diseases. In 2002, he assumed his current position of Director of the Central Animal Facility of the Leiden University Medical Centre in the Netherlands. Together with Tineke Coenen, Dr. Prins started BioXpert in 2012. He is the Chief Scientific Officer of BioXpert B.V. and acts as its Laboratory Animal Welfare Officer. Dr. Prins is the current President of FELASA.

Dr. Philip Damiani

Global Head of Embryologic Sciences and Transgenic Support, Harlan Laboratories Europe

Philip Damiani joined Harlan in 2013 as Head of Global Embryological Services and Transgenic Support, responsible for coordinating scientific research and development within Harlan's embryology and contract breeding services departments. Dr. Damiani received his B.S. in Zoology from the State University of New York at Oswego and his Doctorate in Reproductive Physiology from the University of Massachusetts. Prior to joining Harlan, Dr. Damiani worked extensively in the field of assisted reproductive technology, including semen and embryo cryopreservation, *in vitro* fertilization, oocyte maturation, and nuclear transfer (cloning) for a wide variety of animal species, including laboratory animals, agriculture, companion animals and non-domestic/endangered species. He has worked in the field of assisted reproduction for an extended period of time, during which he has amassed a wide range of knowledge on the generation and cryopreservation of transgenic rodents. In addition, he spent time in South Africa working with other researchers to establish a bio-bank and assisted reproductive laboratory for endangered species. During his career, he has assisted many zoological parks and laboratory animal facilities in developing cryobanks and disaster plans for ensuring the safety of both living and cryopreserved material.



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Speakers

Prof. Dr. Thomas Benzing

Director of the Centre for Molecular Medicine, University of Cologne

Prof. Dr. Benzing attended medical school and finished his MD thesis in Physiology at the University of Freiburg. He performed his postdoctoral training (under Prof. Busse) at the Institute for Cardiovascular Physiology at the University Hospital of Frankfurt and was a Research Fellow in Nephrology at Harvard Medical School in Boston and in Nephrology (under Prof. Walz) at the University Hospital of Freiburg. He received his PhD thesis, Habilitation and Venia Legendi for Internal Medicine, and was called to be a Professor of Medicine (W3) at the University Hospital of Freiburg. Dr. Benzing now is a Professor of Medicine (W3) as well as the Director and Chairman of the Department of Internal Medicine II at the University of Cologne. In addition, he is the Co-Coordinator of the Cologne Cluster of Excellence on Cellular Stress Responses in Aging-Associated Diseases (CECAD) at the University of Cologne, the Director of the Center for Molecular Medicine Cologne, and an Elected Member of the National Academy of Sciences Leopoldina. Dr. Benzing has received several honors and awards and is a current and former member of the Editorial Board of the *Journal of the American Society in Nephrology*, *Kidney International*, *Science Signaling*, and *Nature Reviews Nephrology*.

Prof. Dr. Marcus Krüger

University Professor, University Cologne, Institute for Genetics, CECAD

Prof. Dr. Krüger received his Ph.D. thesis at the Institute of Physiological Chemistry at the Martin-Luther University of Halle-Wittenberg and went on to serve as Postdoctoral Scientist there. He performed further postdoctoral research at the Syddansk University Odense at the Department of Biochemistry and Molecular Biology, Denmark and at the Max-Planck-Institute of Biochemistry in the Department of Proteomics and Signal Transduction in Martinsried, Germany. Prof. Krüger was then Group Leader at the Institute for Heart and Lung Research in Bad Nauheim, Germany, and since June 2014, he is University Professor at the University Cologne at the Institute for Genetics, CECAD.



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Prof. Dr. Florian Klein

University Professor, University of Cologne, Department of Internal Medicine I

Prof. Dr. Klein performed his Medical Doctorate studies at the University of Cologne, the University of Zürich, the University of Bologna, and Harvard Medical School. He then was Postdoctoral Associate/Postdoctoral Fellow in the Laboratory of Molecular Immunology and then Assistant Professor of Clinical Investigation in the Laboratory of Molecular Immunology at the Rockefeller University. Since April 2015, he has owned a W3 Heisenberg Professorship at the University of Cologne.