

3RCC Executive Board

Institute of Laboratory Animal
Science

Chair

Dr vet. med. Philippe Bugnon, dipl. SVLAS
**Head of the education at the Institute of Laboratory
Animal Science, University of Zurich**

Philippe Bugnon studied veterinary medicine and obtained a doctorate at the University Bern on the topic of rabies vaccination evaluation and eradication of rabies in Switzerland. He worked in different academics positions performing research and animal experimentation in skin wound healing and liver regeneration and was responsible for rodent facilities at the Swiss Federal Institute of Technology Zurich. Since 2010 he is the head of the education in laboratory animal science at the Institute for Laboratory Animal Science at the University of Zurich. Additionally he is involved in several associations and foundations in the laboratory animal science field. He is also the current president of the Federal Committee on Animal Testing EKTU-CFEA.

University of Zurich



Co-Chair

Dr sc. nat. Paulin Jirkof, MAS MTEC ETH
**3R coordinator, Animal Welfare Department,
University of Zurich**

Paulin Jirkof studied biology in Göttingen, Germany. She obtained her PhD in Neuroscience at the University of Zurich and her Master's in Management, Technology, and Economics at the ETH Zurich. She has worked as a junior group leader at the Division for Surgical Research, University Hospital Zurich. Her scientific field of interest lies in the evaluation of severity assessment tools and the reliable assessment and treatment of pain and distress in laboratory rodents. She is lecturing on pain assessment, analgesia, surgery, and the 3Rs at the University of Zurich and at RWTH, Aachen, Germany. She is Deputy Editor of the Journal Laboratory Animals. Since 2018 she is 3R coordinator of the University of Zurich.

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Swiss 3RCC



Dr Eng. Chantra Eskes
3RCC Executive Director

Chantra Eskes obtained an Engineering and an MsC degree in food sciences followed by a PhD in *in vitro* neurotoxicity at the University of Lausanne. She today counts over 20 years of experience in the development, optimization, validation, peer-review and regulatory acceptance of alternative methods to animal testing conducted in Switzerland, Europe and abroad. Chantra Eskes acts as the chairwoman of the EURL-ECVAM Scientific Advisory Committee (ESAC), and as a Swiss Nominated Expert for the Organisation for Economic Co-operation and Development (OECD). In the past, she acted as President of the European Society of Toxicology *In Vitro* and as Executive Secretary of the Animal Cell Technology Industrial Platform on the production of biopharmaceuticals (ACTIP).

Animal Welfare Officer Network



Dr sc. nat. med. vet Gieri Camenisch
Local AWO and Head of Laboratory Animal Facility at the Department of Biosystems Science and Engineering (D-BSSE), ETH Zurich

Gieri Camenisch studied biology and veterinary medicine and graduated with a PhD from the University of Zurich. After holding several postdoctoral and group leader positions in the pharmaceutical industry and academia, he joined the D-BSSE in spring 2015 as head of the D-BSSE animal facility and local animal welfare officer.

Dr Isabelle Barde
Deputy Head of the Center of Genomenomics at the Ecole polytechnique fédérale de Lausanne (EPFL)

After a master degree at the European School of Biotechnology, Strasbourg Isabelle Barde studied lentiviral vectors and their use for hematopoietic stem cells gene therapy at the Gentehon Institute, Evry France. She obtained the doctorate from Paris Diderot University in molecular and cell biology. Since 2016, Isabelle Barde is the deputy Head of the Center of Genomenomics, at the Ecole polytechnique fédérale de Lausanne (EPFL), which is specialized in animal experimentation.

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ETH Zurich



Dr Elena Dolgodilina
3R Project Coordinator at the ETH Zurich

After studying Biotechnology and obtaining Master Degree in Biochemistry at Belarussian State University in Minsk (Belarus), Elena Dolgodilina completed her doctoral studies in Integrative Molecular Medicine at the University Zurich. She continued her research career as a postdoctoral fellow at Institute of Physiology, UZH, and in 2019 joined ETH Zurich as 3R project coordinator.

FHNW



Prof. Dr Laura Suter-Dick
Professor at Applied Sciences University
Northwestern Switzerland (FHNW)

Laura Suter-Dick is a European Registered Toxicologist (ERT) and holds a PhD in biology. She acquired more than 20 years of research experience in the pharmaceutical industry before moving to academia in 2012. Her research focus on molecular toxicology, toxicity biomarkers and advanced cell culture systems such as microphysiological systems. Her teaching activities focus on *in vitro* pharmacology and toxicology. She is president of biotechnet and an active member of ESTIV, the Swiss Society of Toxicology and SCAHT. She has always been strongly involved in supporting the 3Rs and promoting alternatives to animal experimentation.

Réseau des animaleries lémaniques

Dr Fabienne Chabaud-Barandun
Coordination, Réseau des animaleries lémaniques

Being a biologist and after a PhD in physiology, Fabienne became scientific collaborator, involved in transgenesis work and lab management, before becoming an animal facility manager, working for the faculty of sciences in Geneva. Fabienne Chabaud-Barandun is currently scientific collaborator and coordinator of the lemanic animal facilities network. Since 2013 she is in charge of organizing courses and continuous education courses for all the academic institution of lemanic region.

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Swiss Animal Facilities Network

Dr Anne Planche Roduit
Coordinator of the Swiss Animal Facility Network (SAFN)

Since September 2018 Anne Planche is the coordinator of the Swiss Animal Facilities Network (SAFN), a network of universities with animal facilities. SAFN deals with issues related to animal experimentation, animal husbandry and animal welfare. It supports universities' communication in animal experimentation, it takes position on legislation and regulation concerning animal experimentation, and it is a partner of the Federal Food Safety and Veterinary Office (FSVO) and the cantonal authorities. SAFN will provide the Executive Board of the 3RCC with its expertise in animal husbandry and wishes to contribute in particular to the strategy for reduction.

Università della Svizzera italiana

Dr Santiago F. Gonzalez
Head of the Infection and Immunity Laboratory,
Institute for Research in Biomedicine (IRB),
Università della Svizzera italiana

Santiago González graduated from the University of Santiago de Compostela (Spain) in the specialty of Marine Biology. He holds two PhD degrees, one in immunology from the University of Copenhagen (Denmark) and one in microbiology from the University of Santiago de Compostela. He continued his postdoctoral research in the Harvard Medical School, in Boston (USA) studying the immune response to vaccines. During this period, he was awarded the most prestigious European and Swiss grant (Marie Curie, Ambizione). In 2013 he joined the Institute for Research in Biomedicine in Bellinzona as a group leader studying pathogen-host interaction.

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University of Basel



Dr med. vet. Anke Rohlfs
Coordinator 3R, Animal Facilities, University of Basel

Anke Rohlfs holds a veterinary and PhD degree from the Veterinary School Hanover, Germany. Following two postdocs in neuropharmacology at the Battelle Institute, Geneva, and Novartis Pharma, Basel, Anke has gained over 20 years of experience in animal experimentation in the pharmaceutical industry, with six years as study director and 20 years as animal welfare officer, regionally and globally. Her special expertise is in international regulations and standards for animal welfare in animal-based research; establishment, and promotion of AW & 3R programmes; ensuring compliance and risk management. Anke Rohlfs joined the Animal Facilities & Welfare team of the University Basel in October 2017. Since 2018 she is the Coordinator 3R at the university.

University of Bern



Prof. Dr Hanno Würbel
Professor for Animal Welfare, Veterinary Public Health Institute, Vetsuisse Faculty, University of Bern

Hanno Würbel studied biology at the University of Bern in Switzerland and graduated with a PhD from the ETH Zurich. He continued research as a postdoc at Bristol University, ETH Zurich, and University of Zurich before being appointed Professor of Animal Welfare and Ethology at the University of Giessen in Germany in 2002. In 2011, Hanno Würbel moved back to his alma mater to take up to the new Chair for Animal Welfare at the University of Bern. His research focuses on the plasticity of the brain and behavior and its implications for the welfare of animals in captivity and for the scientific validity of animal research. For his research on refinement of animal experiments he obtained several research awards and funding from the European Research Council.

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University of Fribourg

Dr med. vet. Andrina Zbinden
Animal Welfare Officer at University of Fribourg

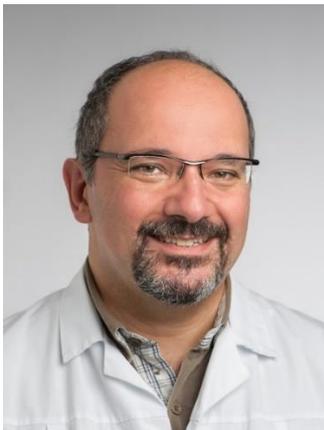
Andrina Zbinden is a veterinarian and did her doctoral thesis in the Division of Animal Housing and Welfare at the Vetsuisse Faculty in Bern, she promoted in behaviour and housing of golden hamsters. After a PostDoc position in the same Division she left the dedicated animal welfare area. In 2011 she started as Animal Welfare Officer at the University of Fribourg. Since 2017 she is member of the SGV Board, Schweizer Gesellschaft für Versuchstierkunde.

University of Geneva

Dr. med. vet. Marjolaine Philit
Directrice de l'expérimentation animale

Marjolaine Philit studied veterinary medicine at the University of Lyon in France and graduated in 2007. After working in a diabetes research group at the University of British Columbia in Canada, she joined the Faculty of Medicine of Geneva as local veterinarian. Since 2013 she is the director of animal experimentation for the University of Geneva and the Geneva University Hospitals. Acting as animal welfare officer, she can act also as the representative of the University of Geneva regarding animal experimentation at a national and international level under the Rectorate delegation. She is in charge of implementing a 3R strategy within the University of Geneva.

University of Lausanne



Prof. Dr med. Piergiorgio Tozzi
Associated Professor and Assistant physician at the CHUV Cardiac Surgery

After his training in general surgery at the University of Milan Piergiorgio Tozzi received his medical education both in cardiac surgery and vascular surgery, focusing his academic interests on the technology transfer in cardiovascular disease. Tozzi holds several medical patents and was Co-Director of the heart transplant programme at the university hospital CHUV in Lausanne. As an expert on the surgical treatment of thoracic aorta disease Tozzi is committed to the development of new circulatory assist devices and the treatment of mitral valve insufficiency. He became an Associate Professor at the University of Lausanne in 2015.

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ZHAW



Prof. Dr Michael Raghunath
Director of the Competence Center for Tissue Engineering (TEDD) at the Zurich University of Applied Sciences (ZHAW)

Michael Raghunath studied medicine in Mainz, Germany. He received training in immunology at the University of Heidelberg, Germany, and as a postdoc in matrix biology and wound healing at the University of Zurich, Switzerland. In 1997, he received his habilitation in Physiological Chemistry and Pathobiochemistry at the University of Münster, Germany, and did a clinical residency in dermatology there. After a stint in industry as R&D director, he became an Associate Professor of Biomedical Engineering and Biochemistry in 2003 at the National University of Singapore. He was member of IACUC there for several years. In 2016, he joined ZHAW as Professor and Head, Center of Cell Biology & Tissue Engineering; he is member of the EU Council for TERMIS and in the editorial board of Current Opinion in Biomedical Engineering, Journal of Tissue Engineering and Regenerative Medicine, and International Journal of Bioprinting. As Director of the Competence Center for Tissue Engineering (TEDD) he has a strong interest in 3D tissue models to replace animal experimentation.
