



FS 2024 Seminar at the Institute of Anatomy

Lecture 3348

**Tuesdays 16.30 to 17.30h, University of Zurich,
Campus Irchel (Y), Building: 27, Floor: H, Room: 35/36**

★ **Application as continuing education for operators involved in animal experiments, and study directors is submitted.**

- 27.02.2024**
guest lecture
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"Dissecting mechanisms of immune checkpoint therapy resistance in a mouse model of clear cell renal cell carcinoma"
Prof. Ian Frew, PhD; Clinic of Internal Medicine I, Haematology, Oncology and Stem Cell Transplantation University Clinic Freiburg; BIOS Centre for Biological Signalling Studies, Albert-Ludwigs-Universität Freiburg, Freiburg, Germany
(Hosted by Prof. Johannes Loffing, MD)
- 05.03.2024**
guest lecture
"Disorder and self-organization in hippocampal representations of the real world"
Prof. Alessandro Treves, PhD; SISSA - Scuola Internazionale Superiore di Studi Avanzati, Trieste, Italy
(Hosted by Lutz Slomianka, PhD; Research associate, Group of Prof. David P. Wolfer)
- 12.03.2024**
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"Histological characterization of the cellular heterogeneity of the mouse thick ascending limb"
Christian Keller; PhD candidate, Group of Prof. Johannes Loffing
"The role of hypoxia-inducible factors in innate lymphoid cells"
Eric Nelius; Teaching and research assistant, Group of Prof. Christian Stockmann
(Hosted by Prof. Christian Stockmann, MD)
- 19.03.2024**
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"Refining the role of ribosomal accuracy in aging and age-related diseases: Translation fidelity measured in vivo declines over life time"
Dimitri Scherbakov, PhD; Research associate, Group of Prof. David P. Wolfer
"Investigating cyst formation in a Xenopus model for autosomal dominant polycystic kidney disease (ADPKD)"
Taiyo Yamamoto; PhD candidate, Group of Prof. Soeren Lienkamp
(Hosted by Prof. Soeren Lienkamp, MD)
- 26.03.2024**
guest lecture
★
"Electrophysiological recordings in zero gravity on Xenopus laevis oocytes overexpressing PIEZO1"
Simon Wüest, PhD; School of Engineering and Architecture, Institute of Medical Engineering, Lucerne University of Applied Sciences and Arts, Hergiswil, Switzerland
(Hosted by Prof. Soeren Lienkamp, MD)
- 02.04.2024**
Easter Break
- 09.04.2024**
guest lecture
"Single-cell approaches for monitoring stem cells in clonal expansion, aging and cancer"
Prof. Ataman Sendoel, MD; Institute for Regenerative Medicine (IREM), University of Zurich, Schlieren, Switzerland
(Hosted by Inseon Kim, PhD; Postdoc, Group of Prof. Lukas Sommer)

- 16.04.2024**
guest lecture
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"Human pluripotent stem cell-based models of development, cellular maturation and cancer"
Prof. Arianna Baggiolini, PhD; Institute of Oncology Research (IOR), BIOS+, Bellinzona, Switzerland; Faculty of Biomedical Sciences, Università della Svizzera Italiana, Lugano, Switzerland
(Hosted by Julien Debbache, PhD; Postdoc, Group of Prof. Lukas Sommer)
- 23.04.2024**
guest lecture
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"Oxygen, metabolites, and tumor immunotherapy"
Prof. Randall S. Johnson, PhD; Department of Physiology, Development & Neuroscience, University of Cambridge, Cambridge, United Kingdom; Department of Cell and Molecular Biology, Karolinska Institutet, Stockholm, Sweden
(Hosted by Prof. Christian Stockmann, MD)
- 30.04.2024**
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"Unraveling the role of primary cilia in glia-derived tumors"
Whitney Jordaan; PhD candidate, Group of Prof. Lukas Sommer
"In vivo functional mapping of endo-lysosomal pH gradients in the kidney proximal tubule"
Monika Kaminska, PhD; Postdoc, Group of Prof. Andrew Hall
(Hosted by Prof. Christian Stockmann, MD)
- 07.05.2024**
guest lecture
"Flexing the potential of muscle stem cells in basic research and regenerative medicine"
Prof. Ori Bar-Nur, PhD; Laboratory of Regenerative and Movement Biology, Department of Health Sciences and Technology, ETH Zurich, Schwerzenbach, Switzerland
(Hosted by Prof. Soeren Lienkamp, MD)
- 14.05.2024**
guest lecture
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"Tissue oxygen sensing by hydroxylases"
Prof. Joachim Fandrey, MD; Institute of Physiology, University Hospital Essen, University of Duisburg-Essen, Essen, Germany
(Hosted by Prof. Christian Stockmann, MD)
- 21.05.2024**
mixed lecture
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"In silico design and in vivo assessment of ultrasound-mediated hyperthermia for targeted cancer therapy"
Manuel Vidal Vielma Blanco, PhD; E-PISTEME.TECH SL, Salamanca, Spain, and Scientia-Education Sàrl, Geneva, Switzerland
Reyhaneh Hooshmandabbasi, DVM PhD; Teaching and research assistant, Group of Prof. Caroline Maake
(Hosted by Prof. Caroline Maake, MD)
- 28.05.2024**
guest lecture
"Function and regulation of megalin in the kidney proximal tubule"
Prof. Kathrin Weyer, PhD; Department of Biomedicine, Faculty of Health Sciences, Aarhus University, Aarhus, Denmark
(Hosted by Prof. Andrew Hall, MD)

Seminar