



HS 2023 Seminar at the Institute of Anatomy

Lecture 3609

Tuesdays 16.30 to 17.30h, University of Zurich,
Campus Irchel (Y), Building: 23, Floor: G, Room: 4

★ Seminars were approved as continuing education for operators involved in animal experiments, and study directors by the FSVO.

26.09.2023
guest lecture

Multiciliated cells use filopodia to probe tissue mechanics during *Xenopus* mucociliary epithelial development
Prof. Jakub Sedzinski, PhD; The Novo Nordisk Foundation Center for Stem Cell Medicine (reNEW), University of Copenhagen, Copenhagen, Denmark
(Hosted by Prof. Soeren Lienkamp, MD)



07.11.2023
guest lecture

Adipogenic memory of obesity
Prof. Ferdinand von Meyenn, PhD; Laboratory of Nutrition and Metabolic Epigenetics, Institute for Food, Nutrition and Health, Department of Health Sciences and Technology, ETH Zurich, Zurich, Switzerland
(Hosted by Prof. Christian Stockmann, MD)



03.10.2023
guest lecture

How do type A intercalated cells protect the organism against Western diet?
Gilles Crambert, PhD; Laboratoire de Physiologie Rénale et Tubulopathies, Centre de Recherche des Cordeliers, INSERM, Sorbonne Université, Université Paris Cité, Paris, France
(Hosted by Imene Sakhi, PhD; Postdoc, Group of Prof. Hall)

14.11.2023
guest lecture

Fueling anti-tumor T lymphocytes: CARs and more
Prof. Naomie Taylor, MD PhD; Pediatric Oncology Branch, National Cancer Institute (NCI), Center for Cancer Research (CCR), National Institutes of Health (NIH), Bethesda, USA
(Hosted by Prof. Christian Stockmann, MD)



10.10.2023
guest lecture
ZOOM

Neural codes for natural behaviors in the hippocampal formation of flying bats
Prof. Nachum Ulanovsky, PhD; Center for Learning, Memory & Cognition; Weizmann Institute of Science, Rehovot, Israel
(Hosted by Jovana Malinković; Research associate, Group of Prof. Wolfer)



21.11.2023

Analysis of direct mechanical force transduction into nuclear structures by knockdown of LINC complex proteins
Célia Metry; Master student, Group of Prof. Ullrich
Investigating tubulo-interstitial cross-talk in chronic kidney disease
Andreja Figurek, MD PhD; Teaching and research assistant, Group of Prof. Hall
(Hosted by Prof. Soeren Lienkamp, MD)



17.10.2023

How to motivate lazy mice: Positive reinforcement learning in the IntelliCage system
PD Irmgard Amrein, PhD; Research associate, Group of Prof. Wolfer
Germ cell gene editing: A dual approach
Julia Traversari, DVM; Teaching and research assistant, Group of Prof. Lienkamp
(Hosted by Prof. Christian Stockmann, MD)



28.11.2023
guest lecture

Renal intercalated cells: Plasticity and function
Nicolas Picard, PhD; Laboratory of Tissue Biology and Therapeutic Engineering, UMR 5305 CNRS, University Lyon 1, Lyon, France
(Hosted by Ganesh Pathare, PhD; Senior research assistant, Group of Prof. Loffing)



24.10.2023
guest lecture

Functional anatomy, independent living and "The fixity of the internal environment"
Prof. Eling D. de Bruin, PhD; Department of Health Sciences and Technology, Institute of Human Movement Sciences and Sport, ETH Zurich, Zurich, Switzerland; Division of Physiotherapy | Department of Neurobiology, Care Sciences and Society, Karolinska Institutet, Sweden
(Hosted by Jaap Swanenburg, PhD; Research associate, Group of Prof. Ullrich)

05.12.2023

Unraveling the role of primary cilia in glia-derived tumors
Whitney Jordaan; PhD candidate, Group of Prof. Sommer
The role of hypoxia-inducible factors in innate lymphoid cells
Eric Nelius; Teaching and research assistant, Group of Prof. Sommer
(Hosted by Prof. Christian Stockmann, MD)



12.12.2023
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 Julia Lehmann, PhD; Postdoc, Group of Prof. Sommer)

19.12.2023
mixed lecture

In silico design and in vivo assessment of ultrasound-mediated hyperthermia for targeted cancer therapy
Manuel Vidal Vielma Blanco, PhD; I+D+I+TECH SL, Salamanca, Spain and Scientia-Edur, St. Gallen, Switzerland
Reyhaneh Hossaini Jabbasi, DVM PhD; Teaching and research assistant, Group of Prof. Maake
(Hosted by Prof. Caroline Maake, MD)



seminar

postponed to FS 2024

postponed to FS 2024