

# Genetic Approaches in Biomedical Research

Fridays, **12.15 – 13.15 hr**, on Zoom

The registration is required to get the personal link to all lectures. After registration, save your personal link and use it to all lectures (**Register ONLY ONCE!**). For security reasons, don't share your personal link with anybody. By registration, the starting time is indicated as 12:00 h, but the lectures will start always **12:15 h!**

**Registration link:**

[https://unibas.zoom.us/join/8aaG2owmuAQ\\_Pfci3Y0](https://unibas.zoom.us/join/8aaG2owmuAQ_Pfci3Y0)

Date	Speaker	Title
24.9.2021	Dr. Pawel Pelczar University of Basel	Overview of the transgenic techniques
1.10.2021	Dr. Gleb Turchinovich DBM, Basel	How to genetically modify hematopoietic stem cells for immunology research
8.10.2021	Prof. Markus Stoffel, ETHZ, Zürich	A novel pathway linking fructose metabolism, inflammation and steatohepatitis
15.10.2021	Dr. Davide Seruggia, CCRI, Vienna	Targeting coding and non-coding elements to understand gene expression
22.10.2021	Dr. Lauriane Cabon Hoffmann-La Roche	De-risking early drug discovery with advanced in vitro cell culture systems
29.10.2021	Prof. Jean Pieters Biozentrum	Understanding T cell population homeostasis: What we learned from microbes, mice and men
5.11.2021	Prof. Volker Spindler DBM, Basel	Testing and targeting cell adhesion - from basic cell biology to disease
12.11.2021	Dr. Marc Dhenain CNRS Paris	Transmission of amyloid- $\beta$ and tau proteins in humans, rodents and non-human primates
19.11.2021	Dr. Sergio Valbuena FMI, Basel	Kainate receptors, forgotten modulators of synaptic plasticity
26.11.2021	Dies Academicus	No lecture
3.12.2021	Dr. Virginie Freytag Division of Molecular Neuroscience, University of Basel	Neurofunctional deconstruction of anxiety- and depression-related traits provides unbiased support for druggable molecular pathways
10.12.2021	Dr. Martina Konantz DBM, Basel	The optimal mouse model for mast cell research – utopia or reality?

Organizers:

Prof. Raija Lindberg

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PD Dr. Birgit Ledermann (061 3243474)

PD Dr. Nicolau Beckmann (079 6181865)

Dr. Pawel Pelczar (061 2075135)

This lecture series has been approved as a continuing education for the animal experimentation.

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