

Genetic Approaches in Biomedical Research

Fridays, 12.15 – 13.15 hr, Biozentrum

Date	Speaker	Title	Lecture room
21.2.2025	Dr. Pawel Pelczar University of Basel	Overview of Mouse Transgenic Techniques	U1.141
28.2.2025	PD Dr. Nicolau Beckmann Novartis Biomedical Research	Neuropathology through the lens of translational imaging: Opportunities for preclinical therapy assessment	U1.141
7.3.2025	Prof. Dr. Gennaro de Libero DBM University of Basel	MR1T cells patrol for the metabolic integrity of target cells	U1.141
14.3.2025	No lecture	Fasnacht	
21.3.2025	Dr. Fanny Decarpentrie Novartis Biomedical Research	Behind the Scenes: Exploring the Organizational Dynamics of Genetic Engineering and Rodent Model Development at Novartis	U1.141
28.3.2025	Dr. Urs Langen Hoffmann-La Roche, Basel	Beyond Antibody Delivery: Expanding the Cargo Space of the Brainshuttle™	U1.141
4.4.2025	Prof. Bence Gyorgy IOB Basel	Humanized mouse models for developing gene editing-based therapeutics	U1.141
11.4.2025	Prof. Dr. Petya Apostolova, DBM University of Basel	Metabolic regulation of anti-tumor immunity	U1.141
18.4.2025	No lecture	Easter	
25.4.2025	Prof Susan Treves DBM, Basel	Validation of therapeutic approaches targeting epigenetic enzymes in a pre-clinical model of congenital myopathies	U1.141
2.5.2025	No lecture		
9.5.2025	Prof. Dr. Fiona Doetsch Biozentrum	Diversity and regulation of adult neural stem cells	U1.141
16.5.2025	Dr. Andrés García-García, DBM, Basel	Human 3D organotypic culture systems towards tissue regeneration and disease modeling	U1.141
23.5.2025	Prof. Dr. Aya Takeoka RIKEN Center for Brain Science, Saitama, Japan	Spinal circuit plasticity for movement adaptation	Via Zoom
30.5.2025	No lecture	After "Auffahrt"	

Organizers:

Prof. Raija Lindberg (Raija.lindberg@unibas.ch)
 PD Dr. Birgit Ledermann (079 2644193)
 PD Dr. Nicolau Beckmann (079 6181865)
 Dr. Pawel Pelczar (061 2075135)

This lecture series has been recommended as a continuing education for the animal experimentation. Participation in 3, 6 and 9 lectures will be credited as ½, 1 and 1 ½ Day training.
 Further info: Raija.lindberg@unibas.ch

Zoom registration link to get your personal link to join the meeting on 23.5.2025:

<https://unibas.zoom.us/meeting/register/EtgizBJfTFm3lwHrVCqi7A>