

## Genetic Approaches in Biomedical Research

### Fridays, 12.15 – 13.15 hr, Biozentrum

Date	Speaker	Title	Lecture room
27.9.2024	Dr. Pawel Pelczar University of Basel	Impact of complex GMOs and CRISPR/Cas9 on animal numbers and animal euthanasia	U1.141
04.10.2024	Dr. Aikaterini Lampada DBM Basel	Notch signalling as master regulator of adult neurogenesis	U1.141
11.10.2024	Dr. Amandine Grimm DBM Basel	Brain aging and neurodegeneration from a mitochondrial point of view	U1.141
18.10.2024	Dr. Derya Shimshek Novartis Pharma AG	The choice of amyloidosis mouse model dictates the effect of Trem2 microglia activation by cell surface stabilization	U1.141
25.10.2024	Dr. Maria Rafeeva DBM Basel	The extracellular matrix: an active player in the metastatic process	U1.141
01.11.2024	Dr. Kevin Arnke, University Hospital Zürich	Cell-Derived Extracellular Matrix as a Promising Tool in Regenerative Medicine	U1.141
08.11.2024	Dr. Anna Leoni Swart Biozentrum, Basel	<i>P. aeruginosa</i> and its infection of <i>in vitro</i> lung epithelia	U1.141
15.11.2024	Dr. Elisa Monz 3Brain, Pfäffikon, Switzerland	Revealing the pathophysiology of neuronal and cardiac diseases using intelligent plates	U1.141
22.11.2024	Dr. Ivana Jaric Vetsuisse Faculty University of Bern	The importance of neglected factors for the practical implementation of the Sex as a Biological Variable (SABV) initiative in mouse research	Pharmazentrum HS2
29.11.2024	No lecture	<i>Dies Academicus</i>	
06.12.2024	Dr. Zeynep Okur King's College London	Keeping the Balance: How Bone Morphogenetic Proteins Control Cortical Excitation and Inhibition	<b>via Zoom</b>
13.12.2024	Prof. Ori Bar-Nur ETH Zurich	Generation of iPSC-derived muscle stem cells in interspecies rat-mouse chimeras for the treatment of muscular dystrophy	U1.141

## 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 6.12.2024:

<https://unibas.zoom.us/meeting/register/u5Moc-CvqTwrGN2erD0AvKWpWSXc4FpJh1YM>