



Selection Day – 28.02.2023

**Block I
(N25, Room H8)**

8:30 – 10:00 Session I:
Chair: Prof. Dr. Stefan Kochanek

Ms. Nadja Abele, Germany

The influence of early life stress on cellular energy metabolism.
PhD-student of Prof. Dr. Peter Radermacher

Mr. Hannes Schmietendorf

Deciphering differences in virulence, pathogenicity, and inhibitor susceptibility of influenza virus A/Jena/5258-HA-222D/G variants in two human lung epithelial cell lines and M1 macrophages.
PhD-student of Dr. Lea Krutzke

Ms. Badrieh Fazeli, Iran

Development of an ultrasensitive microfluidic assay for the analysis of Glial fibrillary acidic protein (GFAP) in blood.
PhD-student of Prof. Dr. Hayrettin Tumanli

Mr. Jona Röscheise, Germany

Enhancing the efficiency of CRISPR/Cas9-mediated HiBiT-tag knockins for PROTAC-mediated protein degradation.
PhD-student of Prof. Dr. Stefan Kochanek

10:00 – 10:30 Coffee Break

10:20 – 11:50 Session II
Chair: Prof. Dr. Holger Barth

Ms. Sara Francesca Greco, Italy

Function of Tp53rk during the early embryogenesis of *Xenopus laevis*.
PhD-student of Prof. Dr. Lisa Wiesmüller

Ms. Irina König, Germany

Flow cytometric analyses and genetic screen prework for the enterohemorrhagic *Escherichia coli* Subtilase and Shiga toxin.
PhD-Student of Prof. Dr. Holger Barth



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Ms. Anja Werberger, Germany

Potential Prdm15 target genes during early neural embryogenesis of *Xenopus laevis*.

PhD-student of Prof. Dr. Pamela Fischer-Posovszky

Ms. Katharina Kaiser, Germany

Model system establishment: Co-inhibitory immune checkpoint targeted agonistic antibody testing in autoimmune diseases.

PhD-student of Dr. Mike-Andrew Westhoff

End of Block I



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**Block II
(N25/Room H9)**

8:30 – 10:00 Session III:
Chair: Prof. Dr. Barbara Spellerberg

Ms. Lara Bejatovic, Germany

Phospholipase D as a virulence factor in *Corynebacterium silvaticum* and related species.

PhD-student of Prof. Dr. Steffen Just

Ms. Tugba Demir, Turkey

Human motoneuron-based molecule screening for the treatment of pathologic phenotypes shared across ALS cases.

PhD-student of Prof. Dr. Franz Oswald

Ms. Nourice Jaber, Libanon

The functional role of *Drosophila melanogaster* Ten eleven translocation protein dTet on humoral Immunity.

PhD-student of Prof. Dr. Barbara Spellerberg

Ms. Sarah Wirth, Germany

Astrocytic uptake of pyroglutamylated amyloid- β leads to lysosomal dysfunction and Apolipoprotein E-dependent neuroinflammation.

PhD-student of Prof. Dr. Tobias Böckers

10:00 – 10:20 Coffee Break

10:20 – 11:50 Session IV
Chair: Prof. Dr. Jan Tuckermann

Ms. Sandra Dieterich, Germany

Torpor induction via short-term fasting in long photoperiod-acclimated Djungarian hamsters (*Phodopus sungorus*): physiological and hypothalamus-anatomical profiles of energy availability.

PhD-student of PD Dr. Melanie Haffner-Luntzer

Ms. Ann-Kathrin Eiers, Germany

The impact of attenuated glucocorticoid receptor dimerization in stromal cells in rheumatoid arthritis.

PhD-student of Prof. Dr. Jan Tuckermann



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Ms. Alicia Goreth, Germany

Effects of a new inhibitor RS-35025 on ferroptosis activity in a pig liver transplantation model.

PhD-student of Prof. Dr. Karin Danzer

Ms. Chenge Xin, China

Discovering the role of VEGF signaling pathway in mesendodermal induction of human embryonic stem cells.

PhD-student of PD Dr. Marcin Lyszkiewicz

End of block II