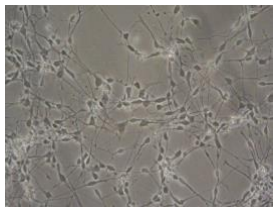
Completed MSc theses in the specialization Neuro- / Developmental Biology



2024

- **Marta Fernandez Freire.** 09.02.2024. Prof. P. Escher
  Characterization of a new mouse model of enhanced S-cone sensitivity syndrome (ESCS).

2023

- **Ekapaksi Wisnumurti.** 01.12.2023. Prof. M. Osterwalder
  Identification of the Hand2 enhancer landscape required for endocardial function.
- **Fenja von der Höden.** 30.11.2023. PD Dr. S. Kleinlogel
  Optogenetically harnessing microglia to light-modulate inflammation in a disease model of retinitis pigmentosa.
- **Virginie Perrenoud.** 05.09.2023. Prof. V. Enzmann
  Effect of modulating the extracellular matrix (ECM) in a model of laser-induced retinal degeneration.
- **Alessandra Blanco Hernandez**. 24.05.2023. Prof. S. Leib
  Effects of JWH-133 adjuvant treatment in experimental pneumococcal meningitis.

2022

- **Talayeh Sadat Arabi Zanjani**. 23.12.2022. PD Dr. S. Kleinlogel
  Identification of ipRGCs.
- **Marel Steinfort**. 26.01.2022. Prof. S. Leib
  Effect of maraviroc in experimental pneumococcal meningitis.

2021

- **Niveditha Varma**. 07.07.2021. Prof. V. Enzmann
  Characterization of the involment of complement system in retinal degeneration in vitro.
- **Irina Oertig**. 31.05.2021. Prof. S. Saxena
  The mechanism associated with toxic dipeptide repeat proteins (DPRs) aggregation, pathogenecity and spreading in C9orf72-linked ALS.
- **Jasmin Steudler.** 07.03.2021. Prof. B. Engelhardt
  Oxidative stress in oligodendrocyte mitochondria during neuroinflammation.

2020

- **Matti Zbinden.** 16.09.2020. PD Dr. S. Kleinlogel
  Behavioural Assessment of Vision Restoration after Optogenetic Gene Therapy in Mice.
- **Jelena Murar.** 10.09.2020. Prof. P. Escher
  Nr2e3-dependent photoreceptor development

Last update on April 14, 2025

- **Carlotta Palaferri.** 15.04.2020. Prof. S. Leib
  Assessment of a novel gamma-secretase inhibitor to regenerate inner ear hair cells.

2019

- **Ryter Quiowa.** 01.02.2019. PD. Dr. V. Enzmann
  Characterization and modulation of Müller cell and microglia interactions in vitro.

2018

- **Bolaji Nafisat Isiaka.** 07.09.2018. Prof. P. Meister
  In vivo Topology Determination in C. elegans.
- **Soghra Kargaran.** 30.06.2018. Prof. B. Engelhardt
  The role of PSGL-1 in the pathogenesis of ischemic stroke.

2017

- **Michelle Buri.** 11.08.2017. Prof. S. Leib
  Evaluation of novel adjuvant therapies in experimental bacterial meningitis.

2015

- **Simon Grüter.** 01.04.2015. Prof. B. Suter
  From *in vitro* to *in vivo*: Construction of a novel biosensor to measure Casein Kinase 1 activity in living cells.
- **Manuela Isenschmid.** 19.03.2015. Prof. S. Saxena
  Investigating mitochondrial dysfunction in spinocerebellar ataxia type 1 (SCA1).
- **Silke Schleiss.** 16.03.2015. Prof. E. Moreno
  Proteins interacting with Flower.

2014

- **Michel Albert.** 10.12.2014. PD. Dr. V. Enzmann
  Differentiation potential of adult mammalian Müller cells in vitro.
- **Silvio Steiner.** 02.04.2014. Prof. S. Saxena
  Investigating the proteome of distinct cell populations in spinocerebellar ataxia type 1 (SCA1).
- **Florian Schmutz.** 18.03.2014. Prof. E. Moreno
  The molecular mechanisms of cell competition in human cancer.
- **Stefano Andrea Roberti.** 17.03.2014. PD V. Enzmann
  Cell death pathways in sodium iodate-induced retinal degeneration *in vitro.*
- **Patrick Stähli.** 14.03.2014. Prof. E. Nagoshi
  Investigation of UNF transcriptional activity in *Drosophila melanogaster*.

2013

- **Bettina Gnägi.** 18.07.2013. Prof. E. Nagoshi
  The role of Fer2 in neurodegeneration in a Drosophila model of Parkinson's disease.
- **Damian Dalcher.** 19.03.2013. Prof. D. Schümperli
  Histone mRNA 3' end formation: Insight into two regulaory mechanisms.
- **Olivia Michels.** 19.03.2013. Prof. D. Schümperli
  SMN deficiency alters the splicing patern of Ankyrin2 mRNA.
- **David Manuel Stucki.** 16.03.2013. Prof. S. Saxena
  Identifying pre-symptomatic markersof disease in a mouse model of SCA1.

2011

- **Fabiola Cortinas Elizondo.** 04.07.2011. Prof. B. Suter
  Sosie, a novel gene involved in Drosophila epithelial morphogenesis and cytoskeletal maintenance.