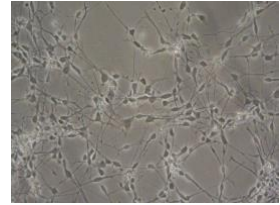


# Completed MSc theses in the specialization Neuro- / Developmental Biology



## 2022

- **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 involvement 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, pathogenicity 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. Prof. 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
- **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 regulatory mechanisms.
- **Olivia Michels.** 19.03.2013. Prof. D. Schümperli  
SMN deficiency alters the splicing pattern of Ankyrin2 mRNA.
- **David Manuel Stucki.** 16.03.2013. Prof. S. Saxena  
Identifying pre-symptomatic markers of 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.