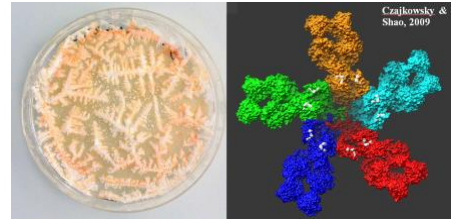


Completed MSc theses in the specialization Microbiology / Immunology



2022

- **Ivanina Mutisheva.** 31.03.2022. Prof. M. Schenk
Highly multiplex, spatially resolved immunophenotyping of pancreatic cancer for biomarker discovery and identification of therapeutic targets.
- **Jill Neuenschwander.** 03.03.2022. Prof. V. Perreten
Characterization of the γ -haemolysin genes *hlgC* and *hlgB* of *Micrococcus canis* and the δ -toxin gene *hld* of *Micrococcus brunensis* and other *Micrococcus* species.
- **Jarno Meili.** 25.02.2022. Prof. M. Hilty
Staphylococcus aureus antibiotic persistence in cystic fibrosis is affected by inducible phages.
- **Silvio Eugster.** 18.02.2022. Prof. P. Krebs
The differential role of IL-33 in colorectal cancer development.
- **Sara Lisa Nyffeler.** 17.02.2022. Prof. A. Eggel
Functional characterization of different anti-IgE biologics.
- **Joëlle Schläfli.** 18.02.2022. PD Dr. S. Freigang
Cell type-specific regulation of IL-1Ra in systemic *Candida albicans* infection.
- **Timothy Ecott.** 25.01.2022. Prof. B. Engelhardt / Dr. G. Locatelli
Oxidative Damage to Oligodendrocytes Mitochondria during Autoimmune Neuroinflammation.

2021

- **Lisa Brandenburg.** 16.09.2021. Prof. S. Hapfelmeier
Deciphering the role of gut microbiota in arsenic metabolism.
- **Minela Colakovic.** 23.08.2021. PD Dr. C. Ros
Transcytosis of parvovirus B19 in a polarized epithelial cell model.
- **Kirill Lotonin.** 12.08.2021. Prof. C. Benarafa
Expression and identification of structural antigenic targets of the humoral immune response against African swine fever virus.
- **Mazarine Coeudevez.** 17.05.2021. PD Dr. M. Fux
Basophils in health and allergy – how different are they?
- **Kai Hänggeli.** 10.05.2021. Prof. A. Hemphill
Verification and characterization of SAG1 knockouts in *Toxoplasma gondii*.
- **Sara Crausaz.** 30.04.2021. Prof. S. Hapfelmeier
Effects of plant benzoxazinoids metabolites on the mammalian organism and microbiota.
- **Jessica Ramseier.** 27.04.2021. Prof. A. Hemphill
Artemisinin and decoquinone derivatives for the treatment of *Toxoplasma gondii* and *Neospora caninum* infections.
- **Amelia Tavangar.** 19.04.2021. Prof. V. Heussler
Investigation of the localization of the human proteins VAC14, TSG101 and VPS28 in *P. falciparum* infected red blood cells.

- **Antonia Correa Castro Ferreira.** 12.04.2021. Prof. Ch. Müller
Regulator of G-protein signalling 1 expression in monocytes and macrophages during homeostasis and inflammation.
- **Anais Yerly.** 11.03.2021. Prof. R. Rieben
Local immunosuppression using self-assembled hydrogel drug delivery system in vascularized composite allotransplantation and its effect on rejection in a swine model.
- **Peymanehsadat Zahiroddini.** (11.08.2020). Prof. T. Kaufmann
The role of XIAP in the regulation of TNF- induced inflammation and cell death of neutrophils.
- **Romano Josi.** 24.02.2021. Prof. S. Leib
Treating bacterial meningitis with a novel endolysin PlyAZ3aT.
- **Sabrina Stöckli.** 09.02.2021. Prof. S. Leib
Fluorescent tag-producing Langkat virus in tick-borne encephalitis model to study sleep-wake disturbances.
- **Dominik Rothen.** 29.01.2021. Prof. M. Bachmann
Novel vaccine candidates against Dengue virus and Middle East respiratory syndrome coronavirus based on virus-like particles.
- **Anne-Cathrine Vogt.** 29.01.2021. Prof. M. Bachmann
On the mechanism of iron uptake by the liver during intravenous iron therapy.

2020

- **Mattias Benninger.** 24.12.2020. Prof. I. Roditi
Investigation of flagellar fusion in *Trypanosoma brucei*.
- **Ksenia Dilevskaya.** 23.12.2020. Dr. Ch. Robert
Plant secondary metabolites as key drivers of the gut microbiome in the Western Corn Rootworm (*Diabrotica Virgifera Virgifera* LeConte).
- **Sophia Sollberger.** 16.12.2020. Prof. C. Benarafa
Serpina9a Protects Bone Marrow Derived Mast Cells from Granzyme B Induced Apoptosis.
- **Pascal Krenger.** 06.10.2020. Prof. M. Bachmann
On the role of TLR7 signalling in enhancing the humoral immune response.
- **Akanksha Shanbhag.** 09.09.2020. Prof. M. Schweizer
Interspecies transmission and evolution of ruminant pestiviruses.
- **Niranjan Reddy Ireddy.** 12.08.2020. PD Dr. A. Ramette
Detection and characterization of EV-D68 and other non-polio enteroviruses in respiratory samples.
- **Artemis Zoma.** 21.07.2020. Prof. A. Macpherson
Novel tools to study physiological microbiota-directed Th17 cell responses.
- **Jyothi Basapathi Raghavendra.** 17.07.2020. PD Dr. P. Olias
Establishment of an in vitro reporter system to elucidate the host-parasite interaction in *Cryptosporidium parvum*.
- **Della Mattam.** 04.06.2020. Prof. R.-P. Charles
Characterization of *in vivo* Model of BRAF and PI3K Driven Double Mutant Brain and Gut Tumors.

- **Lukas Mürner. 28.05.2020.** Prof. S. von Gunten
Cell-type-specific Expression of SIGLEC7 and SIGLEC9 is Associated with Differential Promoter Methylation and Investigation of the Isoform-specific Interactomes of Siglec-7 and -9.
- **Rahel Ruppli. 10.05.2020.** PD Dr. A. Eggel
Characterization and functional analysis of IgE glycovariants.
- **Robin Schweri. 01.05.2020.** Prof. M. Tschan
TCTP, player in tumour reversion?
- **Ruben Sánchez Barbarroja. 30.04.2020.** Prof. J. Jores
Functional characterization of candidate toxin-antitoxin systems in mycoplasmas using synthetic genomic tools.
- **Selina Epp. 23.04.2020.** Prof. V. Heussler
Genetic Approach to Study the Role of Human AQP3, FLOT1 and FLOT2 in *Plasmodium falciparum*-Infected Erythrocytes.
- **Irene Mungure. 20.03.2020.** Prof. M. Tschan
Linking chaperone mediated autophagy to differentiation and chemotherapy resistance in Acute Myeloid Leukaemia.
- **Luca Beldi. 17.03.2020.** Prof. S. Hapfelmeier
Study of the spatiotemporal colonization dynamics of microbiota-auxotrophic *Salmonella Typhimurium* by Isogenic genomic barcode tagging.
- **Deborah Morgenthaler. 07.02.2020.** Prof. A. Macpherson
Characterization of the gut microbiota and immunological biomarkers in colorectal cancer patients.
- **Fabian Luther. 12.01.2020.** Prof. R. Rieben
Assessment of the protective role of human CD46 on allogeneic complement activation in vitro.

2019

- **Nicolas Heiko Munz. 31.12.2019.** Prof. A. Perren / Dr. Marinoni
Role of miR-182-5p in DAXX/ATRX negative Pancreatic Neuroendocrine Tumors.
- **Lilian Gremlich. 01.12.2019.** PD Dr. C. Riether
The role of IL-21/IL-21R signaling in acute myeloid leukemia.
- **Proiti Poddar. 12.09.2019.** Prof. M. Tschan
Splice factor gene modification in AML: Impact on cellular differentiation and apoptosis during ATRA therapy.
- **Javier Eduardo Fernandez. 10.09.2019.** Prof. V. Perreten
Novel plasmid-encoded macrolide resistance genes in *Macrococcus canis*.
- **Stephany Ruchti. 06.09.2019.** Prof. A. Macpherson / Dr. M. Gomez de Agüero
Study of the Dynamics of the Human Skin Microbiota.
- **Lea Gigon. 03.09.2019.** Prof. H.-U. Simon
The role of Ca²⁺ and BK channel in the mechanism of neutrophil extracellular traps (NETs) and neutrophil metabolism.
- **Nives Rombini. 29.08.2019.** Prof. M. Schenk / Prof. Ch. Müller
Characterization of a poly(I:C) and cGAMP-specific myeloid activation signature.

- **Vanitha Theepan.** 28.08.2019. Prof. M. Erb
Intact carbon dioxide and sugar perception is crucial for optimal foraging, host location and acceptance by the root herbivore *Diabrotica virgifera virgifera*.
- **Dennis Imhof.** 01.05.2019. Prof. A. Hemphill
Oprl-based subunit vaccine and bumped kinase inhibitors: useful for the prevention and treatment of *Neospora caninum* infections in pregnant mice?
- **Sasha Soldati.** 30.04.2019. Prof. B. Engelhardt
Investigating the cellular and molecular mechanisms involved in the migration of CD4+ effector/memory T cells across a human *in vitro* blood cerebrospinal fluid barrier model.
- **Marika Lehner.** 26.04.2019. Prof. S. Leib
Evaluation of a cell-based therapeutic approach for ischemic brain damage induced by cardiac arrest.
- **Naja Eberhard.** 23.04.2019. Prof. A. Hemphill
In vitro effects of different endochin-like quinolones against *Besnoitia besnoiti* tachyzoites.
- **Vivianne Schallenberg.** 23.04.2019. Prof. B. Engelhardt
The interaction of naïve CD8 T cells with the blood-brain barrier in neuroinflammation.
- **Christine Brand.** 21.03.2019. Prof. V. Heussler
Characterization of ubiquitin-associated enzymes and a DEAD/DEAH helicase of *Plasmodium berghei*.
- **Rosa Robin van Brummelen.** 18.03.2019. PD Dr. A. Eggel
The role of adipose tissue eosinophils in promoting healthy aging.
- **Virginia Grünig.** 14.03.2019. Prof. V. Heussler
Membrane contact sites and lipid shuttling in *Plasmodium berghei* infected cells.
- **Noah Schnüringer.** 13.03.2019. Prof. T. Kaufmann
Exploring the role of the BCL-2 family member BOK – Novel discoveries on its impact on cell death and mitochondrial metabolism.
- **Jessica Egli.** 13.03.2019. Prof. V. Heussler
Lysosomal acidification of *P. berghei* sporozoites trapped within compromised vacuoles follows a PAAR response-distinct pathway.
- **Pascal Guntern.** 26.02.2019. PD Dr. A. Eggel
Functional comparison of two therapeutic anti-IgE antibodies for the suppression of allergic reactions.
- **Marc Huldi.** 15.02.2019. PD Dr. M. Vogel, Prof. M. Bachmann
Role of anti-IgE antibodies on Antigen Presentation.
- **Cyrill Lipp.** 28.01.2019. Prof. M. Bachmann
Immunological comparison of round and rod shaped CCMV Virus like Particles.
- **Ngoc Dung Le.** 14.01.2019. Prof. S. Leib
Adjuvant Metformin attenuates neuroinflammation and prevents damage to the brain and the inner ear in experimental *Pneumococcal meningitis*.

- **Yves Künzli**. 24.10.2018. Prof. H.-U. Simon
Evidence for a role of NRD1 in the regulation of autophagy.
- **Avanee Ketkar**. 04.10.2018. Dr. I. Marinoni / Prof. A. Perren
Targeting Epigenetic changes in Pancreatic neuro-endocrine Tumors
- **Simona Gerber**. 04.09.2018. Prof. P. Kuhnert
Generation of porcine Mycoplasma mutant libraries to reveal potential virulence determinants and study host-pathogen interactions.
- **Marc Olivier Zürcher**. 04.07.2018. Prof. S. von Gunten
Purification and characterization of cancer cell line-derived exosomes.
- **Virginia Hill**. 04.05.2018. Prof. M. Erb
Contribution of entomopathogenic nematode symbiotic bacteria to host chemistry-dependent infectivity.
- **Laura Laloli**. 26.03.2018. Prof. I. Roditi
Analysis of the chromatin-associated protein TbRRM1 in *Trypanosoma brucei*.
- **Flurin Caviezel**. 08.03.2018. Prof. M. Bachmann / PD Dr. M. Vogel
Mechanisms of Human Derived Mast Cell Degranulation.
- **Tsering Wüthrich**. 08.03.2018. Prof. R. Rieben
Engineering Extracellular Matrix Scaffolds Derived from Vascularized Composite Allografts and Vascularized Peripheral Nerves Grafts.
- **Ioannis Kritikos**. 05.02.2018. PD Dr. P. Krebs
The differential role of IL-33 in colorectal cancer development.
- **Mirela Kremenovic**. 15.01.2018. Prof. S. von Gunten
Blocking of sialyltransferases inhibits the expression of Siglec-7 and -9 ligands on cancer cells.

2017

- **Annet Babirye**. 04.09.2017. Dr. M. Fux / Prof. M. Fiedler
Role of human basophils in Th2 response and beyond.
- **Noemi Zbären**. 28.08.2017. Dr. A. Eggel / Prof. P. Villiger
Investigation of novel approaches for the diagnostics and treatment of IgE-mediated allergic disorders.
- **Lea König**. 25.08.2017. Prof. S. Leib
Development and validation of Zika virus-specific molecular diagnostic assays.
- **Efe Can Yildirim**. 03.08.2017. Prof. S. Leib
Investigation of the effect of capsule type in Pneumococcal meningitis.
- **Anina Bär**. 22.03.2017. Dr. K. Woods/Prof. A. Hemphill
The role of Ran and RanGAP1 in *Theileria annulata* infected macrophages.
- **Pascale Zwicky**. 03.03.2017. PD Dr. R. Lyck
Extravasation of melanoma across primary mouse lung endothelial cells: Roles of endothelial cell adhesion molecules PECAM-1 and VCAM-1.
- **Laura D'Ascoli (Strübig)**. 06.02.2017. Prof. A. Hemphill
New treatments against alveolar echinococcosis.

- **Olivier Pascal Schären.** 20.01.2017. Prof. S. Hapfelmeier
Influence of Gut Microbiota on Intestinal Epithelial Organoid Culture.

2016

- **Sarah Parejo.** 14.12.2016. Prof. M. Tschan
Role of FOXO3 and ATG16L1 in ATRA-mediated autophagy in breast cancer cells.
- **Andreas Willener.** 14.11.2016. PD. Dr. M. Schweizer
Induction and action of type-III interferon in bovine macrophages infected with bovine viral diarrhoea virus (BVDV).
- **Pascal Gasser.** 22.09.2016. Dr. A. Eggel / Prof. P. Villiger
Functional characterization of monoclonal high-affinity anti-IgE antibodies.
- **Lorenz Ryser.** 14.09.2016. Prof. A. Hemphill
NcROP2, NcROP40 and NcPDI antigens fused with Oprl as a recombinant subunit vaccine against *Neospora caninum*.
- **Archana Padmakumar.** 05.09.2016. Prof. S. Hapfelmeier
In vitro study of SPI-2 expression by cell wall auxotrophic *Salmonella enterica* serovar *Typhimurium* in dendritic cells.
- **Michael Berger.** 12.08.2016. PD Dr. P. Krebs
TRAIL Dependent Regulation of NK Cell Function During Virus Infection
- **Mirjam Kiener.** 09.03.2016. Prof. A. Summerfield
Bovine cathelicidins: Broad-spectrum antimicrobial activity and cathelicidin-mediated sensing of nucleic acids.
- **Raissa Oyague Vargas.** 23.02.2016. Prof. A. Ochsenbein
GITR signaling and its role in CML.

2015

- **Loic Borcard.** 23.12.2015. Prof. Ch. Müller
The Role of Basophil-derived Factors in the Pathogenesis of Food Allergy.
- **Diego von Werdt.** 23.12.2015. Prof. Ch. Müller
Contribution of Regulator of G Protein Signaling Family Members to the Tissue Resident Phenotype of Intestinal Intraepithelial Lymphocytes.
- **Firuz Bayramova.** 15.09.2015. Prof. S. Hapfelmeier
Genetic engineering of chemically inducible cell wall auxotrophs.
- **Carole Dupont.** 01.11.2015. Prof. E. Moreno
A new model for live imaging of cell competition and the anti-proliferative effect of the JNK pathway.
- **Odette Odeh.** 27.10.2015. Prof. S. Leib
Differentiation of Mouse Embryonic Stem Cells into Spinal Motor Neurons and their Molecular Characterization.

- **Reto Rufener**. 28.08.2015. Prof. A. Hemphill
Drug development against alveolar echinococcosis: Identification of Calmodulin as a direct molecular target of the antimalarial drug MMV665807.
- **Lionel Rohner**. 09.09.2015. Prof. Dahinden
Expression of Bcl-2 as a function of human granulocyte longevity - A comparative study.
- **Vera Manser**. 03.07.2015. Prof. A. Hemphill
Buparvaquone - A panacea against apicomplexa? In vitro and in vivo trials with *Besnoitia besnoiti* and *Neospora caninum*.
- **Paul Engeroff**. 14.07.2015. Prof. M. Bachmann / Dr. M. Vogel
On the role of CD23 cross-linking in B cell activation.
- **Patricia Schildknecht**. 14.07.2015. Prof. I. Roditi
Regulation of translation in trypanosomes by eIF5A.
- **Ismail Keskin**. 29.03.2015. PD Dr. M. Schweizer
Antivirale Aktivität von Interferon-lambda 3 (IFN-λ3) beim Rind.
- **Niloufar Fachrairad**. 14.03.2015. Prof. S. Hapfelmeier
Probing bacterial activity and growth using a novel peptidoglycan labelling technique.
- **Marie-Hélène Wasmer**. 18.02.2015. Prof. Ch. Müller / Dr. P. Krebs
Investigation of interleukin-33 signaling in leukemia and colorectal cancer.
- **Fabian Bächtold**. 17.02.2015. Prof. S. Leib
Investigation of interleukin-33 signaling in leukemia and colorectal cancer.
- **Sebastian Millius**. 15.02.2015. PD. T. Ochsenreiter
Pre-adaptation to the gut: Cell differentiation of trypanosome parasites in the mammalian host.
- **Loana Marti**. 10.02.2015. Prof. S. Leib
The effect of small-molecule brain-derived-neurotrophic-factor mimetic on neurogenesis in infant rats.
- **Maya Langenegger**. 06.02.2015. Prof. P. Villiger / Dr. A. Eggel
Identification of potential marker proteins for human basophils.
- **Magdalena Hinterbrandner**. 03.02.2015. Prof. A. Ochsenbein
Regulation of CD70 on acute myeloid leukemia stem cells.
- **Julie Denoyelle**. 28.01.2015. Prof. R. Rieben
Effect of tacrolimus monotherapy on induction of donor-specific tolerance in vascularized composite allotransplantation.
- **Ivonne Köck**. 26.01.2015. Prof. Ch. Müller / Dr. P. Krebs
Role of ESRP1-mediated alternative splicing for the integrity of the intestinal epithelial barrier.

2014

- **Gabriel Bruno Hobi**. 31.08.2014. Prof. A. Eggel
The role of monomeric immunoglobulin E in FcεRI regulation and cell survival in human primary basophils.

- **Nadia Wohlwend.** 12.08.2014. Prof. V. Perreten
Genetic characteristics of 3rd generation-cephalosporin-resistant clinical isolates of *Klebsiella pneumoniae* from humans and companion animals in Switzerland.
- **Pablo Winzer.** 10.08.2014. Prof. A. Hemphill
Calcium dependent protein kinase 1 as a drug target of bumped kinase inhibitor 1294 in *Neospora caninum* and *Toxoplasma*.
- **Denise Aeschbacher.** 20.06.2014. Prof. A. Hemphill
Antimalarials for the treatment of alveolar echinococcosis.
- **Sandra Kummer.** 11.05.2014. Prof. C. Müller
In vitro characterization of intraepithelial lymphocytes.
- **Jakub Smolar.** 04.04.2014. Prof. C. Müller
Comparison of different methods for murine intestinal myofibroblast isolation and their subsequent cultivation.
- **Enver Isis.** 25.02.2014. Prof. A. Endimiani
Phenotypic and Molecular Characterization of *Burkholderia cepacia* complex Isolates Collected from Swiss Cystic Fibrosis Patients During a 15-year Period.
- **Sandra Gsponer.** 14.02.2014. Prof. B. Stadler
Selection of DARPin against the human activating FcγRIIA.
- **Carmela Lussi.** 31.01.2014. Prof. M. Schweizer
The effect of Bungowannah virus, an Australian pestivirus, on the type I interferon (IFN) response.
- **Flavian Thelen.** 31.01.2014. Prof. J. Stein
The role/function of the non receptor tyrosine kinase Itk during naïve T cell migration, and the tonic regulator for DC-T cell interaction thromboxane A2.
- **Salome Aeschlimann.** 14.01.2014. Prof. I. Roditi
A nucleolar protein involved in both rRNA generation and expression of surface coat proteins in *T. brucei*.

2013

- **Roman Othmar Braun.** 30.08.2013. Prof. S. Leib
Evaluation of liposomal formulations for the delivery of antiviral siRNA in a Langkat virus in vitro model.
- **Ludmila Cardoso Alves.** 14.08.2013. Prof. B. Engelhardt
Role of GPCR Galphai in the extravasation of cephalitogenic CD4+ Th1 effector T cells across the blood brain barrier.
- **Nicolas Stüdle.** 17.07.2013. Prof. S. Leib
The anti-apoptotic properties of the mood-stabilizer lithium in an infant rat model of pneumococcal meningitis.
- **Astrid Glück.** 19.03.2013. Prof. E. Vassella
miR-125a/b modulates NF-κB activity by targeting NKIRAS2 and TNFAIP3 in glioma cells.
- **Yuvia Naomi Guilarte.** 19.02.2013. Prof. A. Endimiani
Aerococcus urinae isolates detected in Switzerland: Epidemiology and Characteristics of an Underestimated Urpathogen.

- **Fabian Zellweger.** 14.01.2013. Prof. B. Stadler
Inhibition of ongoing allergic reaction using bispecific DARPIn protein.

2012

- **Julien McEvoy.** 30.11.2012. PD Dr. N. Corazza
The Role of Triggering Receptor Expressed on Myeloid Cells-1 (TREM-1) in the Pathogenesis of Liver Diseases.
- **Christina Huber.** 02.10.2012. Prof. C. Dahinden
Regulation of RANKL expression in human basophils.
- **Patrick Hirschi.** 01.08.2012. Prof. B. Gottstein
A chip-based microarray for *Echinococcus multilocularis*: Establishment and application.
- **Lucia Mathis.** 01.05.2012. Prof. V. Niggli
Phosphatidylinositol-4-phosphate 5-kinase $\{\gamma\}$ in human T cells - reorganization and functional role in migration.
- **Nadia Kriegel.** 27.04.2012. Prof. A. Hemphill
Live and let die: the search for novel drugs against alveolar echinococcosis.
- **Gesine Kaiser.** 05.04.2012. Prof. V. Heussler
Proteins involved in organelle fission of *Plasmodium berghei*.
- **Stephanie Langsch.** 20.03.2012. PD Dr. N. Corazza
Characterisation of liver sinusoidal endothelial cell death.
- **Kurt Wyler.** 19.03.2012. Prof. E. Vassella
Involvement of miR-181a in intestinal epithelial cell differentiation and colorectal cancer.
- **Claudio Muheim.** 18.03.2012. Prof. D. Dobbelaere
Identification of Septin-2 as a putative binding partner for the serine/threonine kinase HGK/MAP4K4 in *Theileria annulata* infected macrophages.
- **Marc Fellmann.** 01.03.2012. Prof. C. Müller
Potential Role of Triggering Receptor Expressed on Myeloid Cells-1 in the Pathogenesis of Atherosclerosis.
- **Miguel Angel Terrazos Minani.** 16.02.2012. Prof. B. Engelhardt
The role of junctional adhesion molecule (JAM)-B in the pathogenesis of experimental autoimmune encephalomyelitis.
- **Veronika Mathys.** 13.02.2012. Prof. M. Schweizer
E(rns) of pestiviruses: An Rnase as enzymatically-active decoy receptor to prevent viral RNA from activating the host's IFN system.

2011

- **Jeannine Zimmermann.** 29.11.2011. Prof. S. Leib
Experimental pneumococcal meningitis targets the neurogenic niche in the dentate gyrus of the hippocampus and in the spiral ganglion of the inner ear. Part I: Impact on the cellular proliferative capacity in the hippocampus. Part II: Grafting of neuronal precursor cells into the damaged cochlear spiral ganglion: A pilot study.
- **Daniel Zysset.** 06.10.2011. Prof. C. Müller
Differential Expression of TREM-1 and TREM-2 in Human Monocyte Subsets and in Non- Small-Cell Lung Cancer.
- **Thomas Liechti.** 05.10.2011. Prof. C. Dahinden
Impact of IgD on allergy.
- **Petra Luzia Niederberger.** 13.09.2011. Prof. S. Christen
Further development of an in vitro brain endothelial cell ischemia model for studying the link between ERK1/2 and HIF-1alpha signaling.
- **Lucile Vogt.** 15.08.2011. Prof. S. Christen
Prenatal vitamin C deficiency in guinea pigs leads to a slower dentate granule migration and sustained volume reduction of the postnatal hippocampus.
- **Stefan Haemmig.** 20.07.2011. Prof. E. Vassella
MiR-125a involvement in the regulation of the NF-kappa B pathway in glioma cell lines.
- **Michelle Schorrer.** 31.05.2011. Prof. A. Hemphill
The arylimidamide DB745 against *Neospora caninum*: an *in vitro* and *in vivo* study.
- **Cory Hearn.** 17.05.2011. Prof. B. Stadler
Isolation and Identification of Natural and Disease-associated Antibodies in Haemophilia A.
- **Corina Hermann.** 10.05.2011. Prof. A. Hemphill
Echinococcus multilocularis: studies of a potential novel treatment with mefloquine and investigations on protein expression and metabolism in vitro.
- **Sandro Käser.** 30.03.2011. Prof. I. Roditi
Functional Analysis of Putative Regulators of GPEET Expression.
- **Pascal Halbherr.** 23.02.2011. PD. Dr. J. Stein
The role of thromboxane A2 and DOCK8 during T cell and Dendritic cell migration in vivo.
- **Björn Hagmann.** 19.02.2011. Prof. C. Dahinden
Effect of type 1- and type 11 interferon on human blood basophils.
- **Simon Imhof.** 31.01.2011. Prof. I. Roditi
Analysis of hybrid formation by use of fluorescent trypanosomes.

2010

- **Natalie Edith Maria Jeannet.** 15.10.2010. Prof. S. Christen
Effect of vitamin C deficiency on hippocampal neurogenesis in postnatal guinea pigs.

- **Annina Elisabeth Büchi.** 10.09.2010. Prof. S. Christen
The effect of interferon- γ on the invasion of human brain microvascular endothelial cells by *Streptococcus pneumoniae*.
- **Eliane Küng.** 07.07.2010. Prof. J. Frey
Identification and characterisation of a novel RTX-like leukotoxin in *Avibacterium paragallinarium*.