

«National MD-PhD Program»: list of awarded individual grants*

2020

Ludivine Bersier, Département d'oncologie, CHUV, Lausanne

Targeting chemoresistance and immune exclusion in colorectal cancer
CHF 191'553.– (KFS)

Dominique Birrer, Klinik für Viszeral-und Transplantationschirurgie, Universitätsspital Zürich

Division of tasks during accelerated regeneration after ALPPS
CHF 189'902.– (SNSF)

Michelle Boeni, Institut für Experimentelle Immunologie, Universität Zürich

Investigation of Therapeutic Approaches against KSHV-Induced Lymphomas in vitro and in vivo
CHF 189'902.– (SAMS)

Mey Boukenna, Institute of Biochemistry and Molecular Medicine, Universität Bern

TRPM4 in non-cardiomyocytic cells of the heart
CHF 189'902.– (SNSF)

Sandro Christensen, Department for Biomedical Research, Universität Bern

Deciphering microbiota driven (epigenetic) programming of metabolic functions of the offspring in utero and early life
CHF 189'902.– (SNSF)

Sophie Monnerat, Klinik für Endokrinologie, Diabetologie und Metabolismus, Universitätsspital Basel

Effects of the SGLT2 inhibitor empagliflozin in patients with euvolemic and hypervolemic hyponatremia
CHF 188'250.– (SNSF)

Cédric Renaud, Service d'endocrinologie, diabétologie et métabolisme, CHUV, Lausanne

Role of the Nrf2 response system in the pathogenesis of autoimmune thyroiditis
CHF 191'553.– (SNSF)

Dominic Schmid, Departement Biomedizin, Universität Basel

Mechanisms of T Cell Dysfunction in Human Tumors
CHF 188'250.– (KFS)

Philippe Valmaggia, Department of Biomedical Engineering, Universität Basel

Time-resolved 3D Optical Coherence Tomography Angiography for novel biomarkers
CHF 188'250.– (SNSF)

Alexandra von Faber-Castell, Institute of Pharmacology and Toxicology, Universität Zürich

Neuronal lactate transport in brain energy metabolism and the role of aging
CHF 189'902.– (SNSF)

Philipp Immanuel Zens, Institut für Pathologie, Universität Bern

Molecular epidemiology of lung cancer brain metastases
CHF 189'902.– (KFS)

2019

Ranjana Briner, Institut für Sozial- und Präventivmedizin, Universität Bern
Genital tract infections, the vaginal microbiome and preterm birth in South Africa:
cross-sectional study
CHF 189'902.– (SNSF)

Carlo Cervia, Klinik für Immunologie, Universitätsspital Zürich
In vivo induction of tolerance by targeting critical regulatory T cell signaling pathways with
bioengineered designer cells
CHF 189'902.– (SNSF)

Mali Cristina Coray, Departement Biomedizin, Universität Basel
Atypical chemokine receptors in multiple sclerosis – chemokine availability and clinical potential
CHF 188'250.– (SNSF)

Maurizio Cortada, Departement Biomedizin, Universität Basel
Investigating mTOR function in the mammalian inner ear
CHF 188'250.– (SNSF)

Inês de Paula Costa Monteiro, Département d'oncologie, CHUV, Lausanne
Engineering T cell for adoptive cell transfer therapy of cancer
CHF 191'553.– (KFS)

Anna Faivre, Centre médical universitaire, Université de Genève
Alterations of tubular metabolism and chronic kidney disease progression
CHF 146'692.– (SNSF)

Kathi Ging, Anatomisches Institut, Universität Zürich
Role of PKD1 and WNK4 in the regulation of the renal thiazide-sensitive NaCl
cotransporter NCC
CHF 184'627.– (SNSF)

Michel Godel, Département de psychiatrie, Université de Genève
Early deviations in auditory neuroprocessing development as prodromal neurobiological
markers for Autism Spectrum Disorders
CHF 203'112.– (SAMS)

Philip Schmassmann, Departement Biomedizin, Universität Basel
Synergistic activation of microglia by targeting CD47 and Siglecs
CHF 188'250.– (KFS)

Irma Telarovic, Klinik für Radio-Onkologie, Universitätsspital Zürich
Radiotherapy treatment volume and its role for the tumor-oriented immune response
CHF 189'902.– (KFS)

Yves Zurbuchen, Klinik für Immunologie, Universitätsspital Zürich
Central versus peripheral immune tolerance mechanisms in long-term acceptance of
allografts
CHF 189'902.– (SNSF)

2018**David Bächinger, ORL-Klinik, Universitätsspital Zürich**

Development of a new two-phase mouse model for Meniere's disease
CHF 189'902.– (SNSF)

Aurélie Bochet, Département de psychiatrie, Hôpitaux Universitaires de Genève

Understanding the comorbidity between Autism Spectrum Disorders and Attention Deficit/Hyperactivity Disorder
CHF 203'112.– (SNSF)

Philippe Georg Dehio, Departement Biomedizin, Universität Basel

Serine metabolism and T cell migration
CHF 188'250.– (SNSF)

Tanay Kaymak, Departement Biomedizin, Universität Basel

Investigations on the role of IL-20 cytokine family members in eosinophilic esophagitis
CHF 188'250.– (SNSF)

Adrien Lavalley, Département des neurosciences fondamentales, Université de Genève

Single-cell diversity of corticospinal tract neuron transcriptional programs and connectivity
CHF 135'408.– (SAMS)

Marie-Anne Meier, Departement Biomedizin, Universität Basel

Molecular signature of extracellular vesicles in liver cancer: effects of epithelial-mesenchymal transition and response to Sorafenib
CHF 188'250.– (KFS)

Marc Pfefferlé, Klinik und Poliklinik für innere Medizin, Universitätsspital Zürich

Hemolytic stress as a negative regulator of inflammation
CHF 189'902.– (SNSF)

Josefine Ruder, Klinik für Neurologie, Universitätsspital Zürich

Characterization of B lymphocytes in multiple sclerosis - relation to clinical-, MRI characteristics and treatments
CHF 174'077.– (SNSF)

Florian Ruiz, Département des neurosciences cliniques, CHUV, Lausanne

Oxysterols and multiple sclerosis: A novel role for endothelial cells?
CHF 191'553.– (SAMS)

Frédérica Schyrr, EPFL-ISREC et Service d'hématologie du CHUV, Lausanne

Identifying the minimal components of the hematopoietic stem cell niche through adipose-associated extramedullary hematopoiesis
CHF 191'553.– (SNSF)

*since entry into force of the revised National MD-PhD Program regulations of 15 November 2017