

## Projects and persons funded by the «Théodore Ott Fund»

### 2024

#### **Bianca Bancila, Genève**

Ott MD-PhD grant

Negative reinforcement circuits in opioid addiction: Mapping Central Amygdala inputs and outputs

CHF 208'068.–

### 2023

#### **Dr. Luigi Saccaro, Genève**

Ott MD-PhD grant

Transdiagnostic markers of vulnerability to emotion dysregulation disorders: a multimodal approach

CHF 208'068.–

### 2022

#### **Dr. Samuel Jones, Lausanne**

Ott MD-PhD grant

Identification of autoreactive CD8+ T cells in MS patients using autologous human-induced pluripotent stem cell-derived brain cells

CHF 154'307.–

### 2018

#### **Prof. Ruxandra Bachmann-Gagescu, Zürich**

Investigating the role of primary cilia in development and function of the Central Nervous System using hiPSC-derived neuronal cell models

CHF 40'000.–

#### **Dr. Locatelli Giuseppe, Bern**

Oxidative biology and pathology of Oligodendrocytes in the Central Nervous System

CHF 40'000.–

#### **Prof. Merkler Doron, Genève**

Single-Nucleus Transcriptomic Landscape of Neurodegeneration in Progressive Multiple Sclerosis

CHF 50'000.–

**PD Dr. Siclari Francesca, Lausanne**

Is anybody there? A systematic assessment of consciousness and environmental disconnection in sleepwalkers  
CHF 70'000.–

**2008****Prof. Sebastian Jessberger, Zürich**

The role of de novo lipid synthesis in adult neurogenesis  
CHF 60'000.–

**PD Dr. Martin Wolf, Zürich**

Assessment of brain function in preterm infants by near-infrared imaging  
CHF 60'000.–

**2007****Prof. Dr. Britta Engelhardt, Bern**

Role of agrin and aquaporin-4 in the regulation of blood-brain barrier integrity in experimental autoimmune encephalomyelitis  
CHF 60'000.–

**PD MER Anita Truttmann, Lausanne**

Mitogen-activated protein kinases and their neuroprotective role in neonatal hypoxic-ischemic brain injury  
CHF 60'000.–

**Christoph Mas, Genève**

Neurogenetics: Investigation of the involvement of the gap junction genes Connexin 36, Pannexin 1 and Pannexin 2 in autism  
CHF 50'000.–

**2001****Dr. Daniel Suter, Prof. Joachim Weis, Bern**

Gene therapy of Duchenne muscular dystrophy using U7 small nuclear RNAs  
CHF 50'000.–

**Philippe Bijenga, Genève**

Effet neuroprotecteur induit par l'inhibition des canaux voltage- - dépendant de type T  
CHF 48'000.–

**Christophe Mas, Genève**

Mutation analysis of the gap junction protein Connexin 36 in juvenile myoclonic epilepsy  
CHF 50'000.–

**Dr. Thomas Bela Berger, Bern**

Cortical plasticity: Dendritic currents and associative processes  
CHF 44'000.–

**2000****Dr. David Leppert, Basel**

Metalloproteinases in Multiple Sclerosis: Defining Therapeutic and Diagnostic Targets with Microarrays  
CHF 40'000.–

**Prof. Michel Mühlethaler, Genève**

Studies of sleep-promoting neurons of the ventro-lateral preoptic nucleus in a mouse explant of the basal hypothalamus/forebrain area  
CHF 50'000.–

**PD Dr. Laurent Berheim, Genève**

Role of ionic channels and membrane potential hyperpolarisation in human myoblast fusion  
CHF 40'000.–

**Dr. Amedeo Caflisch, Zürich**

Molecular models of Alzheimer amyloid  $\beta$ -peptide fibrillogenesis  
CHF 50'000.–

**Dr. Christian Grimm, Zürich**

Neuroprotection by erythropoietin (EPO): Prevention of induced and inherited retinal degenerations  
CHF 50'000.–

**1999****Dr. Ron Stoop, Lausanne**

The role of neurotrophic factors in synaptic plasticity in the amygdala and their implications for fear learning and anxiety  
CHF 40'000.–

**Dr. Fabienne de Bilbao, Chêne-Bourg**

Role of the cell death effector ice and the two cell death receptors TNF-R1 and P75NTR in apoptosis induced by injury in the mouse central nervous system  
CHF 50'000.–

**PD Dr. Dominik Straumann, Zürich**

Influence of gravity on cerebellar downbeat nystagmus  
CHF 40'000.–

**Dr. Esther Stoeckli, Basel**

Identification of molecular guidance cues for the pathfinding of commissural axons in the longitudinal axis of the embryonic chicken spinal cord  
CHF 60'000.–

**Dr. Christian Lüscher, Genève**

Modulation of inhibitory control of dopamine cells by opioids in the ventral tegmental area  
CHF 60'000.–

**1998****Prof. Eric M. Rouiller, Fribourg**

Organization of the pallido-thalmo-cortical system in primates  
CHF 70'000.–

**Dr. Thomas Meier, Basel**

Regulation of utrophin-expression as a strategy for DMD therapy  
CHF 14'500.–

**Dr. Stéphanie Clarke, Lausanne**

Functional organisation of the human auditory cortex: Anatomical, functional and neuropsychological correlations using surface-based Atlas  
CHF 90'000.–

**Dr. Raija Lindberg Gasser, Basel**

A transgenic animal model for human hepatic Porphyrria  
CHF 30'000.–

**Dr. Yvan Arsenijevic, Lausanne**

Isolation of adult human CNS stem cells  
CHF 90'000.–

**1997****Dr. E. Reinhard**

Functional characterization of a novel leucine-rich membrane protein potentially involved in neuronal regeneration  
CHF 40'000.–

**Dr. A. Merlo, Basel**

Tumor suppressor genes in glial tumorigenesis  
CHF 60'000.–

**Dr. F. Loup, Zürich**

GABAA-receptor subtypes in the human brain: cellular distribution and alterations in temporal lobe epilepsy  
CHF 25'000.–

**Dr. G. Jones, Basel**

Myoblast culture in the investigation and therapy of hereditary myopathies  
CHF 90'000.–

**PD Dr. J.M. Burgunder, Basel**

Isolation of adult human CNS stem cells  
CHF 70'000.–

**Prof. D. Müller, Genève**

Equipment grant  
CHF 60'000.–

**Dr. A.C. Kato, Genève**

Prevention of motoneuron cell death, gene therapeutic approach in experimental animal  
CHF 36'000.–

**Dr. F. Loup, Zürich**

Fellowship  
CHF 21'000.–

**Dr. L. Eder, Genève**

Equipment grant  
CHF 18'010.–

**Dr. F. Loup, Zürich**

GABAA-receptor subtypes in the human brain: cellular distribution and alterations in temporal lobe epilepsy  
CHF 50'000.–

**1996****Dr. M. Raggenbass and M. Zaninetti, Genève**

Fellowship: Neuronal action of vasopressin and oxytocin  
CHF 29'340.–

**1995****Dr. A. Scotti, Basel**

Fellowship  
CHF 32'300.–

**Prof. M. Celio, Fribourg**

Initiator grant for SNSF application preparation: myelination and remyelination mechanism  
CHF 40'000.–

**Prof. M. Mühlethaler, Genève**

Etudes du prepositus hypoglossi, un noyau impliqué dans le contrôle du regard  
CHF 30'000.–

**Prof. C. Bauer and Dr. M. Digicaylioglu, Zürich**

Fellowship: Erythropoietin in the brain: localisation and functional analysis  
CHF 22'000.–

**Prof. N. de Tribolet, Lausanne**

Timing of p53 mutation in neoplastic CNS development  
CHF 46'000.–

**Prof. A. Fontana, Zürich**

Fellowship: Immuntherapie von Gliomen  
CHF 34'000.–

**1994****Prof. P. Sonderegger and L. Vogt, Zürich**

Fellowship  
CHF 42'000.–

**Prof. H.R. Brenner, Basel**

Complementary grant for SNSF project: Regulation der Expression von Neurotransmitter-Rezeptoren  
CHF 18'500.–

**Dr. E. Tribolet and M. Crittin, Genève**

Fellowship  
CHF 35'000.–

**Prof. U. Otten, Basel**

Analyse der neuron-spezifischen Wirkungen von Interleukin-6  
CHF 30'000.–

**Dr. H.P. Roost, Zürich**

Training fellowship  
CHF 2'500.–

**PD Dr. G. Grau, Dr. M. Chofflon, Genève**

Training fellowship  
CHF 32'000.–

**Dr. E. Wilder-Smith, Bern**

Adherence and trans-migration of Leukocytes to human brain endothelial cells. analysis of cellular and molecular mechanism in multiple sclerosis  
CHF 32'000.–

**Prof. C. Bauer, Zürich**

Autographische "Kartographie" des Erythropoitein (EPO) Rezeptors im Gehirn von Mäusern  
CHF 42'178.–

**1993****Dr. S. Charpak, Genève**

Equipment grant  
CHF 25'000.–

**PD Dr. M. Landolt, Aarau and B. Alessandrini, Basel**

Acute in vivo Glutamate Neurotoxicity  
CHF 50'000.–