

Projects and persons funded by the «Théodore Ott Fund»

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 Cafilisch, Zürich

Molecular models of Alzheimer amyloid β -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-thalamo-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 Porphyria
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 "Kartographierung" des Erythropeitein (EPO) Rezeptors im Gehirn von Mäusen
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.–