

## Orion Research Foundation grants 1 014 400 euros for research in 2021

Orion Research Foundation sr is distributing EUR 1 014 400 in research grants based on applications for 2021. Orion Research Foundation awards grants of max EUR 50,000 for 24 researchers for postdoctoral research and max EUR 5,000 for 69 young researchers for doctoral dissertation work. One of the postdoctoral grants was distributed from Maritza and Reino Salonen's Fund which is administered by Orion Research Foundation.

Orion Research Foundation sr is annually distributing its return on investment and donations from Orion Corporation as grants for young researchers for doctoral dissertation work and postdoctoral research. In the last few years the Research Foundation has been distributing annual grants based on applications for the total sum of MEUR 1 for research in medicine, veterinary medicine, pharmacy and related sciences, such as chemistry and physics.

### Grants for postdoctoral research, EUR 17,500 - 50,000

**Arvola Oiva Jouko**, LT, University of Helsinki, Biomedicum Helsinki, Dos. Kivelän laboratorio, Sydänlihaksen iskemia-reperfuusioaurion vähentäminen hermokantasolulähtöisillä eksosomeilla, 33.000 €

**Backman Katri Sisko Maria**, LT, Kuopio University Hospital, Early-life microbiota and health in childhood in the Kuopio Birth cohort study, 25.000 €

**Ding Yaping, Researcher**, University of Helsinki, Faculty of Pharmacy, Self-assembled Fibrous Scaffolds for Immunomodulatory Therapy of Diabetic Foot Ulcers, 32.400 €

**Havula Essi Maritta**, FT, University of Helsinki, Faculty of Medicine, Different fates of sugar: gene-diet interaction in metabolic stress and health, 25.000 €

**Heinonen Sini**, LL, LT, University of Helsinki, Helsinki University Hospital, Adipose and muscle tissue mitochondrial profiling as a key to renewing the treatment of obesity and type 2 diabetes, 50.000 €

**Herranen Heli Anni-Reetta**, FT, Muséum National d'Histoire Naturelle (MNHN), Kehityksen aikaisen TBBPA-altistuksen ja länsimaisen ruokavalion yhteisvaikutus aikuisiän aineenvaihdunnan ongelmiin - Suojaako aineenvaihdunnan joustavuus haitallisilta vaikutuksilta?, 29.000 €

**Holmström Lauri Tuomas Artturi**, LT, University of Oulu, Genetic underpinnings of sudden cardiac arrest due to non-ischemic myocardial diseases, 25.000 €

**Högström-Stakem Jenny Maria Emilia**, FT, Beth Israel Deaconess Medical Center / Harvard Medical School, Stroma-mediated metabolic rewiring of ER+ breast cancer and its role in drug resistance, 40.000 €

**Kinaret Pia Anneli Sofia, Researcher**, University of Helsinki, Institute of Biotechnology, Nanomaterials and Extracellular Vesicles for Novel Immunotherapeutic Approaches, 25.000 €

**Korhonen Anne Emilia**, Doctor of Philosophy (Medicine), University of Helsinki, Translational Cancer Medicine Program / Wihuri Research Institute, Role of endothelial-derived factors in demyelination and remyelination upon white matter injury, 45.000 €

**Lahdenperä Antti Sakari Kalle-Johannes**, DPhil, University of Cambridge, Photocatalytic, asymmetric Giese reaction controlled by chiral phosphoric acid, 17.500 €

**Li Lili, Research Associate**, University of Turku, Signalling dynamic of hypothalamic circuit in metabolic regulation, 25.000 €

**Liu Zehua, Researcher**, University of Helsinki, Development of a convenient cardiac surgery postconditioning strategy for attenuating ischemic / reperfusion heart infraction, 33.000 €

**Mäkelä Janne Toivo August**, FT, University of Eastern Finland, Kuopio Campus, Nivelrikon tietokonetomografiakuvantamiseen käytettävän uuden nanomerkkiaineen arviointi, 29.000 €

**Pirnes-Karhu Sini**, FT, University of Helsinki, Tutkimusohjelmayksikkö, Mitochondrial oxidative phosphorylation - a potential therapy target to restore chemosensitivity in high-grade serous ovarian cancer?, 25.000 €

**Punovuori A. Karolina**, Research Scientist, University of Helsinki, Mechanisms and functional implications of stem cell identity, plasticity, and heterogeneity in head-and-neck squamous cell carcinoma, 25.000 €

**Räty Katrina Aliisa**, PhD, University of Cambridge, Exploring human-derived microglia integration and therapeutic potential in Parkinson's disease models, 33.000 €

**Saari Heikki**, FT, Blood Service, Verisoluperäisten solunulkoisten vesikkelien tuotanto ja systeemiset vaikutusmekanismit, 29.000 €

**Sairanen Viljami**, FT, University of Helsinki, University of Verona, Merging functional information to robust structural connectivity modelling in a novel human brain network analysis approach, 25.000 €

**Salo Veijo Tuomas Verner**i, MD, PhD, University of Helsinki, Reconstructing the 4D space of intracellular lipid phase separation and lipid droplet biogenesis, 50.000 €

**Saralahti Anni Karoliina**, FT, Tampere University, Uusien tuberkuloosirokotteiden prekliininen testaus, 29.000 €

**Turunen Tiia Annika**, FT, University of Eastern Finland, Kuopio Campus, Enhancing Neuronal Function with Extracellular Vesicle -Delivered Nuclear microRNAs, 29.000 €

**Vuorio Taina**, FT, University of Eastern Finland, Kuopio Campus, A.I. Virtanen Instituutti, Ympäristön kemikaalien vaikutukset aineenvaihdunnan sairauksien kehittymisessä ja taudinkuvassa, 25.000 €

**Maritza and Reino Salonen's Fund**

**Tolonen Jussi-Pekka Matteus**, LT, University of Oulu, Using human induced pluripotent stem cells (hiPSCs) to interrogate disease mechanisms and treatment in childhood-onset cerebellar neurodegeneration, 29.000 €

Orion Research Foundation awards grants of max EUR 50,000 for 24 researchers for postdoctoral research. These grants are in total EUR 732,900.

**Grants for doctoral dissertation work, EUR 2,500 - 5,000 euroa**

In addition, Orion Research Foundation has awarded EUR 2,500 - 5,000 for 69 researchers for doctoral dissertation work. These grants are in total EUR 281,500.

*Orion Research Foundation sr*

*For further information:*

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