



Forschungskredit der Universität Zürich - Postdoc: Bewilligte Projekte 2020

Diese Liste ist nicht rechtsverbindlich. Alle Gesuchstellenden werden bis spätestens Ende Juni 2020 schriftlich über den Entscheid informiert.

Gesuchsteller/in		Projekttitel
Theologische Fakultät		
* Amsler	Monika	The Paradox in Late Antiquity: Concept and Impact
* Jost	Michael	Der Geist-Paraklet und sein Zeugnis für den inkarnierten Logos im Johannesevangelium
Rechtswissenschaftliche Fakultät		
Meier	Severin	International Law as an Argumentative Practice - The Roles of the ICRC and the ECtHR
Wirtschaftswissenschaftliche Fakultät		
Fedosov	Anton	Towards Fair Platforms: Supporting the Design for Local Sharing Economies and Platform Cooperatives
Medizinische Fakultät		
* Beerli	Corina	Genetically re-programmed macrophages for breast cancer immunotherapy
* Catalano	Marco	Local delivery of interferon for the treatment of primary myelofibrosis
* Condado	Itzel	Mechanistic Insights into Prion and Prion-like Pathogenesis using Microfluidics
* De Cecco	Elena	A genome-wide siRNA screening for modulators of alpha-synuclein aggregation
* Fattinger	Sara	Auditory Closed-Loop Stimulation Based on Subthalamic Local-Field Potentials to Enhance Deep Sleep in Patients with Parkinson's Disease
* Han	Shuting	Predictive processing in hierarchical brain areas
* Hanley	Olivia Dolores	The Interactions of Cajal-Retzius Cells and GABAergic Interneurons in Regulating Cortical Circuit Formation
* Ineichen	Benjamin	Exploring perivascular spaces as an imaging biomarker for multiple sclerosis using high-resolution magnetic resonance imaging and correlative histopathology
* Jeliazkov	Jeliazko	Engineering of a Modular Crystallization System
* Platscher	Moritz	Using generative models to improve stroke lesion segmentation in MR images
* Rupprecht	Peter	Neuronal and astrocytic interactions in the hippocampus to support memory replay
* Sanabria	Sergio	Ultrasound Tissue Characterization (UTC): towards biopsy-free decoding of the silent progression from harmless steatosis to life-threatening Non-Alcoholic SteatoHepatitis (NASH)
* Seckiner	Dilan	Development of an analytical model using crime scene laser scans and 3D Photobox models for the morphometric assessment of persons from CCTV footage

* Die beantragte Projektsumme und/oder -laufzeit wurden gekürzt

° Das Gesuch wird der Stiftung für Forschung an der Medizinischen Fakultät zur Finanzierung vorgeschlagen



* Velagapudi	Srividya	Crosstalk Between Sirtuin-1 and Ceramides in the Progression of Diabetes
* Vulin	Clément	In vitro observation of single-cell bacteria-neutrophil interactions in a simulated abscess environment
Wang	Xiang	Structural and functional study of ADAR
* Zens	Kyra Denise	Persistence of Tick-borne Encephalitis Virus Neutralizing Antibodies in Swiss Adults Following Vaccination with Prolonged Booster Intervals
Vetsuisse Fakultät		
* Kubacki	Jakub	A metagenomic analysis to determine the viruses circulating in wild and domestic birds, with emphasis on runtling-stunting syndrome and viruses with zoonotic potential
* Longo	Federico	Evaluation of a novel spontaneous canine model for degenerative rotator cuff disease in people: an in vivo kinematic fluoroscopic study
* Müller	Flavia	Role of DNMT1 and DNMT3A in Prenatal Infection-Meditated Neurodevelopmental Disorders
Philosophische Fakultät		
Albert	Gleb	Ökonomien des Kopierens, Kulturen des „Knackens“: Softwarepiraterie als Jugendkultur im Heimcomputer-Zeitalter, 1980–1995
* Frick	Julia	Poetik der Kürzung. Studien zur mittelhochdeutschen Epik
He	Lei	The vocal apparatus and acoustics in coalescence: a multimodal approach to speech rhythm
* Sommerer	Sabine	Performanz der Stühle. Materialität, Medialisierung und Objektgeschichten mittelalterlicher Sitzgelegenheiten
Mathematisch-naturwissenschaftliche Fakultät		
* Balazs	Zsolt	Cell-free DNA as a predictive biomarker in preeclampsia
* Bezshyiko	Iaroslava	Testing the lepton flavour symmetries
* Bonifazi	Marcella	A high efficiency, large scale solar steam generation system for water desalination and purification
* Chakravarty	Pritish	Detecting internal state changes in free-living animals from changes in activity and sleep patterns recorded using accelerometers
* Chen	Xuan	High Precision Particle Physics Phenomenology Study with NNLOJET Event Generator
* Eck	Jenalle Laree	Do mutualistic fungi shape disease and species coexistence in plant communities?
* Evans	Julian	Quantifying the changes in complex social environments in relation to demographic, environmental and behavioural shifts using advanced network analysis techniques
* Georgalis	Georgios	Evolution, diversity, extinction events, and palaeobiogeography of European Cenozoic lizards and snakes
* Haddad	Sara	Investigation of a novel inhibitory glutamate conductance in vertebrate retinal computation
* Haney	Maria	Modeling gravitational-wave templates for data analysis with LIGO and LISA

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* He	Yukun	Spectral statistics of large random matrices with independent entries
Hemmi	Adrian	Atomic Single Layer Membranes for Exploration of Novel Electrochemical Systems
* Hoffmann	Kai Delf	Modeling Galaxy Alignment to exploit upcoming Dark Energy Surveys
* Huang	Junting	Lepton and Baryon Number Violation Searches with High Purity Germanium Detectors
* Lefèvre	Robin	Innovative Approaches for the Discovery of New Frustrated Magnets
* Martin Gonzalez	Jaime	Belling the Cat: Towards the Characterization of the First Gold Nitrenes through Smart Ligands
* McIntyre	Alexa	Regulation of membraneless organelles through phosphatase-DYRK kinase feedback
* Melani	Giacomo	Coupled electron-nuclear dynamics at aqueous metallic interfaces: A theoretical approach towards photo-electrochemistry
* Re	Barbara	A highly accurate, adaptive framework for the simulation of compressible multiphase flows
* Sanchez Amaro	Alejandro	Group level decisions for cooperation--Exploring how common marmosets and squirrel monkeys solve conflicts of interest at the group level
* Shoshan	Michal Mazal	Development of Peptide Antidotes against Small Molecule and Peptide Toxins using Directed Evolution
* Sikorska-Senoner	Anna	Intelligent parameter sampling
* Suleiman	Marcel	Global change microbiology: Experimental investigation of multifarious environmental change and regime shifts in aquatic micro-ecosystems
* Tejerina Gonzalez	Lara	From 1D to 3D Carbon Spin Arrays
* van Moorsel	Sofia	The effects of biodiversity and evolution on plant community recovery from environmental stress
* Wang	Qisi	Interactions behind high-temperature superconductivity
* Zheng	Jia	How does temperature influence protein evolvability?

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