



Forschungskredit der Universität Zürich - Postdoc: Bewilligte Projekte 2021

Diese Liste ist nicht rechtsverbindlich. Alle Gesuchstellenden werden voraussichtlich bis Ende Juni 2021 schriftlich über den Entscheid informiert.

Gesuchsteller/in		Projekttitel
Theologische Fakultät		
* Brügger	Tobias Samuel	Christianity and Organization Studies: Microfoundations of Christian existence at work
* Maier	Daniel	Lost in Transmission - Die verschiedenen Überlieferungstraditionen der Petrusapokalypse und ihre Chancen für ein besseres Verständnis der frühchristlichen Paradieskonzeption
Wirtschaftswissenschaftliche Fakultät		
de Hollander	Gilles	Causal evidence that risk preferences originate from noisy magnitude representations in the brain.
Medizinische Fakultät		
* Carullo	Nancy	Genomic Enhancers as Novel Regulators of Transcriptional Responses to the Environment in the Brain
* Dakhli	Haithem	Mapping Cancer Responses using Organoids and Single-cell Technologies (MACAROST)
* Galvanetto	Nicola	Dancing in a dense environment: monitoring disordered proteins in biomolecular condensates at the single-molecule level
* Garaeva	Alisa	Characterization of heme transport in Mycobacterium tuberculosis
* Jiang	Jingjing	Learning approach for near infrared optical tomography to image tumor oxygenation
* Lettlova	Sandra	The Role of Bile Acids in Endothelial Metabolism
* Liu	Tingting	Identifying genetic modifiers of prion toxicity via genome-wide CRISPR activation and knockout synthetic lethality screenings
* Liu	Yu-Hang	Wearable two-photon optoacoustic microscopy (TPOAM) system for studying neurovascular coupling in freely behaving mice
* Miracca	Giulia	3D and spatial characterisation of prion disease development in the mouse brain
* Nafcha	Orit	Controllability and the Interoception of Breathing
* Nascakova	Zuzana	Mycobacterial infection as a possible co-factor of Helicobacter pylori-induced gastric cancer risk
* Skorucak	Jelena	Artificial intelligence solution as clinical aid in the diagnosis of epilepsy in children
* Szczerba	Barbara	Impact of the Interactions between Intestinal Microbiome and Circulating Tumor Cells on Colorectal Cancer Metastasis
* Tepekule	Burcu	Developing and optimizing a personalized probiotic treatment regime for nasal endogenous Staphylococcus aureus and Streptococcus pneumoniae
* Yang	Tianjin	Probing a new paradigm of protein interactions with rapid-mixing droplet-based microfluidics

* Die beantragte Projektsumme und/oder -laufzeit wurden gekürzt

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



* Yin	Jiang-An	Identifying genetic modifiers of microglia-mediated clearance of prion aggregates using highly-efficient human genome-wide CRISPR activation arrayed library
Vetsuisse Fakultät		
* Marti	Hanna	Exploring the origin of tetracycline resistance in Chlamydia suis: crucial role for Aeromonas salmonicida ssp. salmonicida?
* Scarlet	Dragos	Steroidogenic capacity and functional adaptation of equine granulosa cells during acquisition of oocyte developmental competence in the horse
* Villasenor Molina	Rodrigo	Genome-wide profiling of circulating cell-free nucleosomes from human plasma - towards to a new generation of liquid biopsy assays for cancer diagnosis.
Philosophische Fakultät		
* Ferrilli	Sara	Astronomy and Astrology in Medieval Italian Poetry of the 13th and 14th Century
* Frick	Jonas	Die Politisierung und Entpolitisierung vernetzter Computer
* Killias	Olivia	Caring not to Forget: Colonialism, Memory and Loss in Dutch Eldercare
Lukicheva	Polina	Apprehending the World through Relational Structures: Historical Evidence and Contemporary Approaches
* Palmtag	Tabea	Legacies of Economic Decline: The Longterm Consequences of Economic Downturn for Political Preferences
* Pauly	Theresa	In it together: Life transitions and couple concordance
* Roel Lesur	Marte	Embodied rescripting: tailored immersive experiences for reformatting our past
* Roswandowitz	Claudia	Unlocking the Acoustic Code of Human Voices
* Wienhues	Anna	Just Biodiversity Conservation in the Anthropocene
Mathematisch-naturwissenschaftliche Fakultät		
* Bazzi	Mohamad	Diversification dynamics in sharks across time and space
* Biondi	Yanina	R&D for Dark Matter searches for the DARWIN experiment
* Bonifazi	Marcella	Towards sustainable solution for power generation and fresh water production
* Buonocore	Luca	Mixed QCD-EW corrections for the Drell-Yan process at the LHC
* Carraro	Luca	Applying hydrology-based models to advance environmental DNA sampling strategies in river networks
Caviglia	Sara	Liver goes live: cellular behaviors building and connecting the hepato-biliary tubular network
* Cheng Sanchez	Ivan	Drugging the Undruggable: Phosphatase Recruiting Chimeras (PhoRCs) as New Potential Cancer Therapeutics
* Cormier	Kyle James Read	Per-event unfolding on LHC data and applications to top-quark physics
* Cun	Huanyao	Exploring photoluminescence of nanovoids in hexagonal boron nitride layers

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* de Wit	Adinda	Direct and indirect probes of new physics in the Higgs sector
* Eck	Jenalle Laree	The belowground network: does mutualism with fungi shape diversity and disease in plant communities?
* Fazilaty	Hassan	Investigating reactivation of embryonic programs in inflammation and metastatic cancer of the colon
* Ferreira	André	A deep learning solution for individual identification of unmarked birds in open populations
* Garcia	Maxime	Effect of Tuberculosis on Meerkats' vocal communication system
* Haaland	Thomas Ray	Diversified strategies in a stochastic world: Mechanisms and consequences of behavioural and life-history adaptations to uncertainty
* Haney	Maria	Signal models as tools for the astrophysical interpretation of gravitational-wave transients
* Hartmann	Sarah	Digital labour platforms: building and assessing trust in platform-mediated care and domestic work in Delhi
* Li	Hongwei	Robust Self-supervised Deep Learning in Quantitative Medical Imaging
* Li	Jialun	Non-commutative Diophantine approximation
* Lieb	Julia	Various aspects of convolutional codes
* Martin	Dominic Andreas	AgroforestS - Agroforest Synthesis
* Mathad	Abhijit	Probing effects of new physics in semileptonic decays of heavy b-baryons at the LHCb experiment.
* Mitsou	Ermis	Rigorous observable computations for precision cosmology
* Moreno Cruz	Carlos	Phenalenyl-Based 1D and 2D Quantum Spin Liquids
* Müller	Simon	Towards a Better Understanding of Giant Planets in and out of our Solar System
* Olivares Aroca	Ingrid	Linking Scales in Ecology and Evolution to Understand Species Coexistence and Saturation
* Rannou	Emilie Jeannine Angèle Marie	Crosstalk between ATRX, H3.3 and PARP proteins during DNA damage repair and replicative stress
* Reimers	Arne	Searching for a Portal to Dark Matter with CMS
* Renner	Alpha	Event-based Visual Odometry on Neuromorphic Hardware
* Ross	Samuel	Towards a mechanistic understanding of global biodiversity change: the consequences of response diversity and its loss
* Szabo	Quentin	Multiscale control of nuclear states through cell lineage trajectories
* Tiberi	Simone	Differential velocity of single cells
* Timpe	Miles	Planet Formation with Machine Learning Accelerated N-body Simulations
* Williams	Elyse	Chemical tools to target Post-Translational Modifications (PTMs) in oncogenic Protein-Protein Interactions (PPIs)

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