



## Forschungskredit der Universität Zürich - Candoc: Bewilligte Projekte 2021

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

| Gesuchsteller/in                             |         | Projekttitel   |
|--|---------|--|
| <b>Theologische Fakultät</b>                 |         |  |
| * Lavrinovica                                | Alesja  | Mulier taceat: a study of 1 Cor 14:34-35   |
| * Najibullah                                 | Heela   | Transcending Faultlines of Conflict: Intergenerational Narratives of Afghan Diaspora in Switzerland and Germany  |
| <b>Rechtswissenschaftliche Fakultät</b>      |         |  |
| * Bühler                                     | Sophie  | Res Judicata Effects of Arbitral Awards - Swiss and Comparative Perspectives   |
| * Derungs                                    | Merens  | Die digitale Aktie - Eine privatrechtliche Untersuchung einer als Registerwertrecht ausgestalteten Aktie gemäss revidiertem Wertpapierrecht  |
| * Eschle                                     | David   | In dubio pro Strafbefehl - eine empirische Untersuchung von 5000 Strafbefehlsverfahren in vier Kantonen  |
| * Habich                                     | Erik    | Marktmachtmissbrauch durch Erzwingung unangemessener Geschäftsbedingungen – Qualitative Kriterien eines iustum pretium zwischen positiver und negativer Vertragsfreiheit im Wettbewerb |
| * Häcker-Winkenbach                          | Jasmin  | Das Recht auf Nichtwissen und der Umgang mit Überschussinformationen im Rahmen der Präimplantations- und der prädikativen Gendiagnostik  |
| * Hongler                                    | David   | Categorization of Colonial Dependency in the Case Law of the International Court of Justice  |
| * Mohasseb                                   | Keivan  | Digitale Plattformen und Vertragsrecht   |
| * Schweighofer                               | Florian | Die aktienrechtliche Geschäftschancenlehre   |
| * Sigg                                       | Rebecca | Sexting bei Jugendlichen, Eine Betrachtung aus strafrechtlicher und empirischer Perspektive  |
| * Trajkova                                   | Renata  | Grundlagen des klassischen Stiftungsaufsichtsrechts  |
| <b>Wirtschaftswissenschaftliche Fakultät</b> |         |  |
| Bagagli                                      | Sara    | The (Express) Way to Segregation: Evidence from Chicago Metropolitan Area  |
| * Crestini                                   | Giulia  | The Role of Brands in a Digital Marketplace  |
| * Gehrig                                     | Mathias | Dynamic Scene Understanding with Event Cameras   |
| Li   | Sheng   | Tax enforcement and bank credits   |
| <b>Medizinische Fakultät</b>                 |         |  |
| * Abegg                                      | Andrin  | Synaptic phosphorylation events control memory engram and network processes  |

\* Die beantragte Projektsumme und/oder -laufzeit wurden gekürzt

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



|                  |              |  |
|------------------|--------------|--|
| * Akeret         | Kevin        | Scavenging cerebrospinal fluid hemoglobin to prevent secondary brain injury after aneurysmal subarachnoid hemorrhage                           |
| * Bedi           | Rajiv        | Inhibitors of RNA-methylation enzyme as anticancer compounds   |
| Fahrner          | Alexandra    | Novel Biomarkers for Atrophy of Aged Skeletal Muscle   |
| * Gschwend       | Julia        | Regulation and function of pulmonary GM-CSF in promoting an inflammatory milieu in a model of HDM-induced allergic asthma                      |
| * Jarzebska      | Natalia      | Optimization of Immunochemotherapeutic RNA Nanoparticles for Cancer Therapy  |
| * Mayoux         | Maud         | Elucidating the role of the bone as an immunological niche during tumor progression and metastasis   |
| Mozaffari        | Nour         | Deciphering the role of the CtIP-PoIDIP2 interaction in genome maintenance   |
| Mun              | Ye Vin       | Investigating the molecular cues driving self-renewing expansion of hematopoietic stem cells during early postnatal development                |
| * Palumbieri     | Maria Dilia  | Nuclear Actin Polymerization Dictates the Immediate Cellular Response to DNA Replication Stress  |
| * Pena Francesch | Maria        | The involvement of autophagy in Epstein-Barr Virus envelope acquisition  |
| * Pfefferlé      | Marc         | Heme distorts dendritic cell homeostasis in genetic hemolytic anemias  |
| * Puspitasari    | Yustina      | Targeted Anti-inflammatory Treatment after Drug Eluting Stent Implantation: A Novel Therapeutic Strategy to Reduce Stent-Related Complications |
| * Ramos Calcada  | Raquel Maria | Modelling peripheral glia specification by using human embryonic stem cells  |
| * Rieble         | Lisa         | Elucidating the role of KSHV genes in virus-induced lymphomagenesis during EBV co-infection  |
| * Sparano        | Colin        | Innate Lymphocyte Surveillance of Liver Metastasis   |
| Stirm            | Kristin      | Identifying and overcoming immune evasion strategies of diffuse large B-cell lymphoma  |
| * Uldry Júlio    | Sara         | Physiology and Pathophysiology of Pain Related Evoked Potentials   |

**Vetsuisse Fakultät**

|            |          |   |
|------------|----------|---|
| * Beer     | Patricia | New receptor-targeted in vivo near infrared fluorescent markers for accurate resection of soft tissue sarcomas of the dog: a surrogate for human disease? |
| * Fenk     | Simone   | Hemoglobin as glutathione buffer actively controls systemic redox state   |
| * Gsell    | Corina   | Orchestration of UV-damage recognition factors: The role of histone lysine methyltransferase ASH1L in nucleotide excision repair                          |
| * Manetsch | Patrick  | Elucidating the molecular mechanisms of ARTD14-regulated cell survival in non-small cell lung cancer  |

**Philosophische Fakultät**

|                 |        |  |
|-----------------|--------|--|
| * Gómez Morilla | Rebeca | Capturing Colonial Korea: Gender, Race and the Legacies of Colonialism in Swiss Photography, 1894-1945 |
|-----------------|--------|--|

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|               |                 |  |
|---------------|-----------------|--|
| * Hunt        | Adam            | Neurodiversity and evolutionary psychiatry: a philosophical analysis   |
| * Keller      | Olivier         | Weichenstellung für wirtschaftliche Verflechtungen. Die United States Railway Mission to Mexico (1942-1946)          |
| * Müller      | Barbara         | Putting the prophecies back into the Propheties de Merlin. A reassessment of the so-called Group II                  |
| * Neuhaus     | Marco           | Simplicianische Wirtschaft. Geld und Ökonomie bei Grimmelshausen   |
| * Origani     | Alessandra      | Aesthetics of Figure in the Music of the Late Twentieth Century  |
| * Polymenidou | Kallirroï       | Der Kult des Gottes Dionysos im antiken Makedonien   |
| * Saifullin   | Amirkhan        | Projection and Montage: Revolutionary Visions in Early Soviet Visual Culture   |
| * Sigron      | Luise           | Die Sklaverei im Übergang von der Spätantike ins frühe Mittelalter   |
| * Spiess      | Silvan          | Linguistic precursors in a social bird   |
| * Watve       | Apurva          | Improving emotion regulation in depression using real-time fMRI-based closed-loop amygdala neurofeedback             |
| * Winistörfer | Olivier-Andreas | The Balkan sprachbund reconsidered. A multi-variate, historicist approach to the 'prototypical' case of a sprachbund |

**Mathematisch-naturwissenschaftliche Fakultät**

|                          |                |   |
|--------------------------|----------------|---|
| * Beckord                | Jan Eric       | Research Proposal: Electron dynamics in the h-BN covered Cu <sub>2</sub> O surface                                      |
| * Boitier                | Adrian         | Gravitational waves in general relativity   |
| * Brambach               | Max            | An embryo-wide investigation into tissue-architectural feedback on gene regulation                                      |
| * Ciccirella             | Riccardo       | Rise of the machines: integrating drones and machine-learning to evaluate body condition of wild marine mammals         |
| * Cilibrasi              | Marco          | The influence of magnetic fields on Circumplanetary Disks   |
| * Edeko                  | Nikolai        | Structure and Randomness: Understanding the Fine Structure of Dynamical Systems   |
| * Ferrillo               | Martina        | Lepton Flavour Universality Test in baryons decay   |
| * Golaz                  | Daphné         | Plants Symbionts: A Solution for Space Farming  |
| * Grüninger              | Servan         | Hierarchical Fusion Modeling From Heterogeneous Data With Applications To Statistical Inference In Preclinical Research |
| * Hofmann                | David          | Dispersal and Connectivity in a Physical, Seasonal, and Social Landscape  |
| * Hutskalov              | Illia          | Directional electrostatic interactions as a binding motif for supramolecular assemblies                                 |
| * Jöhr                   | Simon          | Electric and Magnetic Properties of Chrome-based Oxide Heterostructures   |
| * Laranjeira             | Ana            | Vitamin B12-dependent metabolism controls MAPK-induced germ cell death and differentiation                              |
| Lascombes de Laroussilhe | Hugues         | Enhancing compressible turbulence modelling with super-resolution algorithms  |
| * Lee                    | Steven Juhying | Radiation damage in CCDs: taking an image of dark matter.   |

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|                    |                 |  |
|--------------------|-----------------|--|
| * Lopez            | Dixeena         | Inferring the neutron star equation of state through short transient Gravitational Waves   |
| * Micalizzi        | Lorenzo         | Solving advection dominated problems with high order schemes with polygonal meshes: application to compressible and incompressible flow problems |
| * Mora Carrera     | Carlos Emiliano | Integrating genomic and phenotypic evidence to elucidate transitions between mating systems  |
| * Reichenbach      | Maria           | Investigating the molecular basis of the Moco Riboswitch   |
| * Rodrigues Araujo | Gabriela        | Neutrinoless double beta decay search with the LEGEND Experiment   |
| * Savoini          | Chiara          | NNLO QCD corrections to top-quark pair production with leptonic decays at LHC  |
| * Schmutzer        | Michael         | Does mistranslation help or hinder evolution on adaptive landscapes?   |
| * Senger           | Matias          | 4D pixels for the next generation of particle detectors  |
| * von Arx          | Karin Maria     | Quantum Materials Probed by Light and Electron Spectroscopy  |
| * Weber            | Sören Eliot     | Trade dynamics in the symbiosis between plants and arbuscular mycorrhizal fungi  |
| * Woods            | Joseph          | Carpyridines: $\pi$ -Saddles Made to Order   |

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