

## Early Career Seed Money: Bewilligte Projekte 2024

Principal Investigator	Project Title	Research Institution
<b>Arellano-Cacedo, Carlos</b>	Phage-bacteria interaction and coevolution in soils	University of Vienna
<b>Aschenbrenner, Bertram</b>	Deciphering the impact of cancer-associated fibroblasts on immune cell activation and infiltration in skin tumors	Medical University of Vienna, Dept. of Dermatology
<b>Budzinskiy, Stanislav</b>	Bochner matrices: The approximation of matrices with infinite-dimensional entries	University of Vienna
<b>Burke, Laura</b>	Germes and Ghosts: Intersections of Health and Environmental Crises in Timor-Leste	Austrian Academy of Sciences, Institute for Social Anthropology (ISA), Vienna
<b>Diechler, Sebastian</b>	Disarming pathogens: Creating an antimicrobial milieu for Helicobacter pylori without antibiotics	Paris Lodron University Salzburg
<b>Dorn, Felix Malte</b>	Emerging geographies of decarbonization beyond North and South: lithium and green hydrogen in Chile and Spain	University of Vienna
<b>Flödl, Peter</b>	Particle-bound nutrients in (semi-)natural rivers: Do simplified assumptions lead to inappropriate recommendations for action?	University of Natural Resources and Life Sciences (BOKU), Vienna
<b>Godbersen, Godber Mathis</b>	Molecular-Guided Focused Transcranial Ultrasound Stimulation for Non-invasive Neuromodulation of Deep Brain Regions	Medical University of Vienna
<b>Kollmann, Sebastian</b>	Cell Surface Receptor Hubs – A Novel Hallmark in Cytokine Signaling and Cancer Biology	University of Veterinary Medicine Vienna

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<b>Kracht, Laura</b>	Effects of microglial maturation on neuronal function in the context of autism spectrum disorder	Austrian Academy of Sciences, Institute of Molecular Biotechnology (IMBA)
<b>Litovsky, Yana</b>	Wisdom of the Crowd: Crowd Analysis Project	University of Innsbruck
<b>Litvinov, Andrea</b>	direCt observAtion of pulsar glitchEs anaLog in sUPerSolids	Austrian Academy of Sciences, Institute for Quantum Optics and Quantum Information (IQOQI), Innsbruck
<b>Martins Ferreira, Susana Carolina</b>	The invasion of Fascioloides magna in Europe: a model for host-parasite adaptation research	University of Veterinary Medicine Vienna, Research Institute of Wildlife Ecology
<b>Matzinger, Theresa</b>	Biophysiological Explorations of Aesthetically Appealing Linguistic Patterns	University of Vienna, Dept. of English and American Studies
<b>Mayer, Ralo</b>	Plots of Un-Earthing: A transdisciplinary storytelling-as-research approach towards space mining	University of Applied Arts, Vienna
<b>Michalke, Jessica</b>	Amanita muscaria for heterogeneous redox transformations	Montane University Leoben (MUL)
<b>Otahal, Alexander</b>	Biodistribution of extracellular vesicles between chondral and synovial tissue constructs in a microfluidic organ-on-chip system	University for Continuing Education Krems, Center for Regenerative Medicine
<b>Quade, Leslie</b>	Detecting stress in Prehistory through dental cortisol: developing new bioarchaeological tools and methods	Austrian Academy of Sciences, Austrian Archaeological Institute (OeAI), Vienna
<b>Redchenko, Elena</b>	Hybrid Quantum Computing Platform	Technical University of Vienna
<b>Ricci, Sara</b>	A novel mechanism in host-microbiome crosstalk: small RNAs and mitochondria	University of Veterinary Medicine Vienna, Institute of animal nutrition and functional plant compounds

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<b>Richter, Felix Clemens</b>	Unraveling the Detrimental Role of Bystander CD8+ T cells in Cachexia	Medical University of Vienna
<b>Schmöllnerl, Johannes</b>	Deciphering Vulnerabilities of Drug Tolerant Persister Cells in Acute Myeloid Leukemia	Research Institute of Molecular Pathology (IMP) Vienna
<b>Seidl, Timo</b>	Advancing ideational social science through transformer-based (language) models: a pilot study on the imagined futures of Web3	University of Vienna
<b>Sladky, Valentina</b>	Testing a new approach to tackle ANKRD26-related thrombocytopenia	Medical University of Innsbruck
<b>Sokolović, Igor</b>	Detecting buried EElectronic states at heterostructures with a Variable gate-Electrode AFM	Technical University of Vienna, Institute of Microelectronics and Institute of Applied Physics
<b>Strasser, Paul</b>	For each a perfect fit: Thermal stabilization of biologics in spatially designed, fully degradable hydrogels	Johannes Kepler Universität Linz, Institute of Polymer Chemistry
<b>Sutlović, Leda</b>	Feeling (Counter)Democracy – Grassroots Democratic Innovations on the European Southeast	Austrian Academy of Sciences, Institute for Habsburg and Balkans Studies (IHB), Vienna
<b>Švara, Vid</b>	Novel eDNA-based Technologies for biodiversity monitoring in Protected areas	Carinthia University of Applied Sciences, Villach
<b>Tonauer, Christina M.</b>	Carbon Capture & Conversion in High-Density Ice	University of Innsbruck, Institute of Physical Chemistry
<b>Zambella, Grazia</b>	Humanoids in-flight task execution	Technical University of Vienna, Automation and Control Institute (ACIN)