

## Liste der Beitragsempfänger\*innen des Forschungsfonds für exzellente Nachwuchsforschende der Universität Basel

### Gesuchseingang 02.02.2026

Name	Vorname	Fakultät	Fachbereich	Projekttitle
<b>Albuquerque Wendt</b>	Andreia	phil.nat.	MPI	Evaluation of anti-Leishmania compound toxicity in phlebotomine sand flies
<b>Bräm</b>	Dominic	med.	Clinical pharmacology and pharmacometric	Clinical extension of the OptiDose algorithm for innovative dose individualization support in children
<b>Camarasa</b>	Tiphaine	med.	Infection Immunology	Exploring B cell - stromal cell interactions in Tuberculosis
<b>Dana</b>	Suman	phil.nat.	Organic Chemistry	Electrifying DNA Synthesis
<b>Dhokotera</b>	Tafadzwa Gladys	med.	Epidemiology and Public Health	Bayesian spatiotemporal mapping of cervical cancer screening, incidence, and mortality in South Africa
<b>Gorbachev</b>	Vladimir	phil.nat.	Computational Bioinorganic Chemistry	Quantifying Oriented Local Electric Fields in Metalloenzymes
<b>Janovitch Broinizi Pereira</b>	Marcelo	phil.nat.	Theoretical Physics	Optimising qubit control pulses to reduce nuclear-spin-induced decoherence
<b>Jauregui Lozano</b>	Juan Pablo	med.	Hematology - Genomics	Dissecting the Impact of Chemotherapy on Production of Red Blood Cells
<b>Luersen</b>	Eduardo Harry	phil.hist.	Theory and History of the Image	Earthcrafting: The Modelling of Earth in Digital Games as Operation and Hypothesis

<b>Musik</b>	Thabea	med.	Gynäkologie und Geburtshilfe	Management of third stage of labour in late miscarriages and early preterm birth. A randomized controlled trial: expectant management versus curettage.
<b>Neuhaus</b>	Dominique	med.	Rechtsmedizin	AI-based quantitative radiological dental identification of unknown deceased individuals
<b>Paliwal</b>	Prerna	phil.nat.	Physical Chemistry	Cold Molecular Collisions of the Acetylene Ion: From Laboratory Kinetics to Astrochemistry
<b>Postolka</b>	Barbara Elisabeth	med.	Clinical Biomechanics, Orthopaedics	From movement to muscle: identifying neuromuscular control parameters for objective orthosis fitting
<b>Rodriguez</b>	Christian	med.	Biomedical Ethics	Ethical Implementation of AI-driven Cage Monitoring in Animal Research: An Empirical Bioethics Study [ETHICAGE Project]
<b>Rosenberg</b>	Gil	phil.nat.	Microbiology	Mechanisms of Bacterial Responses to Antibiotic Treatment Shaped by the Host Environment
<b>Salikhanov</b>	Islam	med.	Clinical research in cardiac surgery	Diagnostic And Prognostic Value Of Cardiac Biomarkers For Early Coronary Bypass Occlusion In Patients Undergoing Coronary Revascularization
<b>Samson</b>	Guerric	med.	Biomedicine	"Kiss and Run": how to follow innate lymphoid cell vs. dendritic cell-primed CD4 T cells
<b>Scheurer</b>	Jaronas	phil.hist.	Musikwissenschaft	Lautstärke an der Schnittstelle von Musik, Technologie und Hörpolitik
<b>Schmidlin</b>	Jasmin	phil.hist.	Geschlechterforschung	Das zyklische Selbst. Eine Untersuchung vergeschlechtlichter Körpervorstellungen in Menstruationsratgebern im Spannungsfeld von Selbstunterwerfung und Selbstermächtigung
<b>Schuster</b>	Stephanie	phil.hist.	Philosophie	Natural Beauty and the Good Life: Reflections on the Human Condition
<b>Serrano</b>	Melissa	med.	Neuroscience	Early tau-driven network dysfunctions across brain regions and their impact on temporal control
<b>Theisen</b>	Maximilian	psych.	Cognitive and Decision Sciences	How do you know what's right? Lay theories of moral belief formation
<b>Tomooka</b>	Yukiko	med.	BIROMED-Lab	Miniature Laser-Ablation Crawling Robot for Minimally Invasive Cartilage Regeneration
<b>Tuena</b>	Cinzia	phil.hist.	Alte Geschichte	Siblings, Spouses, Sovereigns. Gendered Power and Dynastic Strategies in Hekatomnid Karia

<b>van Kolschooten</b>	Hannah	iur.	Health law	Governing AI Therapy Chatbots Beyond the EU: A Socio-Legal Study of the Council of Europe
<b>Wölfle</b>	Tim	med.	Neurologie	Patient relevance, validity, and biases of digital biomarkers for neurodegenerative diseases

### Gesuchseingang 01.09.2025

Name	Vorname	Fakultät	Fachbereich	Projekttitlel
<b>Albath</b>	Elianne Anthea	psych.	Sozialpsychologie	The social effects of feeling like an underdog
<b>Babaie</b>	Atie	iur.	Privatrecht	NGOs as Amici Curiae in Climate Change Arbitration
<b>Baron Schuhknecht</b>	Laurentz	med.	Systems Pharmacology	Bridging Drug Metabolic Fingerprinting from 2D Systems to 3D In Vivo-Mimicking Cancer Models
<b>Burchert</b>	Holger	med.	Prävent. Sportmed. & Systemphysio.	The In Vivo Oxygen Dissociation Curve Inflection Point: Toward a Unified Anaerobic Threshold
<b>Dalmay</b>	Tamas	med.	Neuroscience	Mechanisms of visual landmark control in the head-direction system
<b>Dörner</b>	Kerstin	phil.nat.	Biozentrum	Control of mRNA metabolism by nuclear speckles
<b>Erba</b>	Andrea	med.	Infektiologie	Assessing HIV Reservoir and Host Transcriptional Signatures in Cerebrospinal Fluid using Next-Generation Sequencing - A Retrospective Cohort Study on HIV-related Neurocognitive Disorders
<b>Ertanir</b>	Beyhan	phil.hist.	Bildungswissenschaften	Adverse Childhood Experiences and Psychosocial Adaptation among Ukrainian Crisis-Migrant Youth in Switzerland
<b>Goetzinger</b>	Felix	med.	Kardiologie	Assessing the diagnostic accuracy and prognostic potential of coronary artery and aortic valve calcium score in the TAVI-CT on outcomes after TAVI- the CALCULATE study
<b>Happacher</b>	Jodok Maria	phil.nat.	Quantum physics	Carbon-based Optically Active Spin Defects in hBN for Magnetic Sensing in 2D Heterostructures

<b>Jauslin</b>	Andrea	med.	Neurologie	Deep learning-based carotid plaque segmentation from B-mode ultrasound images
<b>Kasser</b>	Severin	med.	päd. Hämatologie/Onkologie	The Base-TIL-PED Study
<b>Kaufmann</b>	Josefin Emelie	med.	Neurologie	Pilot Research on Immunosenescence in Acute Ischemic Stroke (PRE-SENESTRO)
<b>Loi</b>	Cristina	phil.hist.	Digital Humanities	Narratives as an Identity Laboratory: Developing and Testing a Reliable Measure of Self-Concept Activation During Narrative Engagement
<b>McBride</b>	Sindi-Leigh	phil.hist.	African Studies	Hustling in the Anthropocene: The future of work in speculative cli-fi
<b>Mookherjee</b>	Debdatto	phil.nat.	Biochemistry and Cell Biology	Stress-Driven Modulation of RNA Granules: Exploring Processing Body Dynamics, Composition and Function
<b>Nuiten</b>	Stijn	med.	Translational Psychiatry	Reality distortions - how uncertainty shapes perceptual inference in psychosis
<b>Pessoa Colombo</b>	Vitor	med.	Urban studies and public health	Settlement Morphology and the Urban Health 'Advantage' in West Africa: Spatial Determinants in a Changing Demographic and Climate Context
<b>Sabatino</b>	Valerio	med.	Brain tumor biology and immunotherapy	Selective Reprogramming of the Tumor Microenvironment via Targeted Delivery of a CSF1-R Inhibitor
<b>Salazar Marcano</b>	David Enrique	phil.nat.	Chemistry	Development of core-shell nanocrystals for radiotherapy
<b>Stöcklin</b>	Fabia	iur.	Privatrecht	The implementation of the English trust law into the Swiss legal system (working title)
<b>Stoll</b>	Anna	med.	Rechtsmedizin	Investigations on phytochemicals in Cannabis sativa and their quantification in human blood to evaluate recent consumption
<b>Zietz</b>	Annaelle	med.	Neurologie	The impact of index stroke lesion characteristics on individualized motor recovery trajectories: The ESTREL-IMAGE study

Gesuchseingang 01.02.2025

Name	Vorname	Fakultät	Fachbereich	Projekttitel
<b>Bouça-Nova Coelho</b>	Ricardo Jorge	med.	Biomedicine	Tumor-Associated Macrophages: The Roadmap for Successful Treatment of SMAC Mimetic-Based Therapies in Ovarian Cancer
<b>Boukemia</b>	Jana	phil.hist.	Political Science	Analyzing the Impact of Gendered Representation in Online Political Communication
<b>Burgener-Gasser</b>	Anne Valérie	med.	Infektiologie/Klinische Epidemiologie	INCIDENCE AND BURDEN OF HOSPITAL-ACQUIRED INFECTIONS IN LESOTHO, SOUTHERN AFRICA
<b>Chraniuk</b>	Milena Elzbieta	phil.nat.	molecular toxicology	Influence of compounds released from Food Contact Materials (FCMs) on steroid responsive immune cells
<b>Chu</b>	Talyn	med.	Immunology	Promoting non-exhausted CD8 development and maintenance in chronic antigen settings
<b>Constantin</b>	Theodora	med.	Cancer & Immunobiology	Tackling lack of efficacy and therapeutic resistance to PI3K $\gamma$ inhibition with covalent inhibitors
<b>Cruz Carrillo</b>	Carlos Antonio	iur.	International Law	The Implementation of the Due Regard Obligation in the Law of the Sea: the Case of Ocean Renewable Energy Projects in the Exclusive Economic Zone
<b>da Silva Ramos</b>	Elisa Karen	phil.nat.	Zoology/Genomics	DOT CHROMOSOME EVOLUTION AND ITS ROLE IN BIRD DIVERSIFICATION
<b>Decrue</b>	Fabienne	med.	Pädiatrische Pneumologie	Exhaled breath analysis in hospitalized children with wheezing disorders
<b>Diepgrond</b>	Wendy	phil.hist.	Italian linguistics	Dare voce alle persone senza dimora. Forme e funzioni della polifonia nei giornali di strada
<b>Forde</b>	Aaron James	med.	Immunology	Investigate the impact of BCG vaccination on lung interstitial macrophages
<b>Garbazza</b>	Corrado	med.	Psychiatrie	Die ARISE Studie: Wirksamkeit verschiedener Lichttherapien bei der Behandlung einer Major Depression
<b>Guria</b>	Sudip	phil.nat.	Chemistry	Asymmetric Counteranion Directed Electrocatalysis (ACEC): Novel Access to Enantioenriched Building Blocks via Taming Carbocations

<b>Holze</b>	Friederike	med.	Klinische Pharmakologie und Toxikologie	Dose-effect relationship of oral psilocybin administration in healthy participants
<b>Islam</b>	Farah	med.	Institute of Nursing Science	Enhancing Quality of Care for Older Adults in Long-Term Care Facilities Through Successful Integration of Digital Health Interventions (E-QUALITY)
<b>Kanjampurath Sivan</b>	Aswathi	phil.nat.	Experimental Physics	Tuning Phonon Dynamics for Efficient Photoelectrochemical Water Splitting
<b>Lötscher</b>	Jonas	med.	Hämatologie	The role of QPRT in modulating EBV+ B cell lymphoma-directed immunity
<b>Maggi</b>	Nadia	med.	Gynäkologie und Geburtshilfe, Brustklinik	Survival and axillary recurrence in patients with sentinel node-positive breast cancer
<b>Polymeris</b>	Alexandros	med.	Neurology, Vascular Neurology, Stroke	Net clinical benefit of preventive stroke treatments - establishing a comprehensive measure of global treatment effect for use in stroke research
<b>Sojo Gordillo</b>	Jose Manuel	phil.nat.	Condensed matter / Thermal transport	Gating thermal properties with polarization-induced ferroelectrics and perovskites - GATEWAY
<b>Swart</b>	Anna Leoni	phil.nat.	Biozentrum, Infection Biology	Dissecting A. baumannii pathogenesis and treatment in a human tissue model
<b>Tschudin</b>	Märta	phil.nat.	Physik	Nanoscale Magnetic Multiprobe
<b>Urwyler</b>	Pascal	med.	Klinische Epidemiologie	Tuberculosis in Switzerland: assessment of current diagnostic and therapeutic practice and pilot trial on the diagnostic potential of immune repertoire analysis
<b>Wiedemann</b>	Sophia Julia	med.	aktuell Medizin, ab 07/25 Endokr./Metab.	sensory stimulation as a driver of diet-induced thermogenesis

Gesuchseingang 02.09.2024

Name	Vorname	Fakultät	Fachbereich	Projekttitel
<b>Bartakova</b>	Jana	med.	Institute of Nursing Science	EMPOWER (DEcision Making Process Of Early-Career Nurse Workers in REcruitment and Retention)
<b>Baumann</b>	Kevin Nils	phil.nat.	Biozentrum	Establishing nucleo-cytoplasmic transport between biomimetic compartments
<b>Bayer</b>	Emily	phil.nat.	Neuroscience	MECHANISMS OF BODY-BRAIN COMMUNICATION IN ORGAN FUNCTION AND BEHAVIOR
<b>Benhaida</b>	Jasmine Sarah	phil.hist.	Nahoststudien	Modes of Appearance: Administration after Revolution at the Sharia Court in Al-Salt
<b>Bon</b>	Corentin	phil.nat.	Organic Chemistry	Photocatalytic Platform for the Stereoselective Synthesis of Phosphorothioates for Oligonucleotide Therapeutics
<b>Cho</b>	Jung Yeon	phil.hist.	Department of Social Sciences	Situating Peacemaking in Politics: Contestations over Peace Mediation at the Local, Geopolitical and World Order Levels
<b>Fisch</b>	Urs	med.	Neurologie	Precision Neurocare: Quantitative EEG and Imaging analysis for enhancing outcome prediction in the ICU
<b>Gunapala</b>	Keith	med.	Stem Cell Biology, Developmental Neuro	Metabolic regula.on of FMR1 gene expression in Fragile X syndrome
<b>Haegi</b>	Moritz	phil.hist.	Seminar für Nahoststudien	Disparate Realities: Civil Society Organizations and the Gradual Establishment of Mobility and Resource Segregation in the Occupied West Bank since 1993
<b>Hämmerle</b>	Peter	med.	Kardiologie	Wearable derived cardiac autonomic function to improve pulmonary vein outcomes
<b>Kleer</b>	Jessica	med.	Immunology	Discovery and Validation of Complement System Modulators in Systemic Lupus Erythematosus (Auslandsaufenthalt)
<b>Leontiev</b>	Wadim	med.	Klinik PEK	Augmented Reality in Endodontics: Real-Time Computer Vision in Operating Microscopes (Auslandsaufenthalt)

<b>Li</b>	Xiaoyun	med.	Cancer Immunology	Neural-Fibroblast Crosstalk Orchestrates Tumor Immune Microenvironment
<b>Lieb</b>	Johanna	med.	Neuroradiologie	Development of a Deep-Learning Model for the Accurate Estimation of Ischemic Core and Mismatch Volumes in Medium Vessel Occlusion (MeVO) Stroke Patients
<b>Mack</b>	Ines	med.	Pädiatrische Infektiologie	Health outcomes of children during their first year of life after in utero exposure to immunosuppressive drugs
<b>Ospelt</b>	Beat	phil.hist.	Philosophie	Das 'Volk' im Streit um das Frauenwahlrecht
<b>Parmentier</b>	Romuald Stéphane	med.	Translational Cancer Research	Investigating castration resistance in advanced prostate cancer with patient-derived organoid models and single-cell technologies
<b>Schulz</b>	Kristina	med.	Innere Medizin, klinische Immunologie	A Novel Bispecific Molecule for Targeted Modulation of the Complement System in Lupus Nephritis (Auslandsaufenthalt)
<b>Taylor</b>	James Alexander	med.	Neurobiology	Cortical stimulation for hearing restoration
<b>Tisdall</b>	Loreen	psych.	Cognitive and Decision Sciences	Helping at a cost: A multi-method investigation of age effects on personal safety decisions using online surveys and virtual reality
<b>Trimmel</b>	Wolfgang	phil.hist.	Nahoststudien	Trauma und kollektives Gedächtnis in der irakischen Gegenwartsliteratur
<b>Uhlich</b>	Maximiliane	psych.	Personality and Developmental Psychology	Hearts vs. Heritage: Satisfaction Trajectories in Love and Arranged Marriages in India
<b>Umnyakova</b>	Ekaterina	phil.nat.	Immunology, complement regulation	Utilizing Factor H-Binding Peptides for the Protection of Xenotransplants from Complement-Mediated Damage
<b>Vernaz</b>	Grégoire	phil.nat.	Molecular/genomic Evolution, Genomics	The Mobilome of the Lake - the Role of Transposable Elements in Fuelling Cichlid Diversification
<b>Walti</b>	Carla	med.	Infektiologie	Pathogen-specific immune reconstitution and infection risk in patients with anti-leukemic maintenance therapy after allogeneic hematopoietic cell transplantation.

<b>Zallot</b>	Vanessa	phil.hist.	Medienwissenschaft	Interaktiver Dokumentarfilm als Methode
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<b>Name</b>	<b>Vorname</b>	<b>Fakultät</b>	<b>Fachbereich</b>	<b>Projekttitel</b>
<b>Chancellor</b>	Andrew	med.	T cell Biology	The contribution of MR1T cells to metabolic dysfunction-associated steatotic liver disease (MASLD)
<b>Ebel</b>	Florian	med.	Neurochirurgie	Investigating the Neurocognitive Impact of Neuroendoscopy in Adult Patients: A Comprehensive Prospective Cohort Study
<b>Etienne</b>	Samuel	med.	Pneumologie	Novel markers of bacterial infection and inflammation in COPD (Auslandsaufenthalt)
<b>Fages</b>	Antoine	phil.nat.	Zoology, Evolutionary Biology	Molecular and Cellular Adaptations in the Visual System of Cichlid Fishes
<b>Ganea</b>	Dan Alin	med.	Neuroscience	Role of dentate gyrus network function in cognitive map formation and valence assignment
<b>Geissler</b>	Franziska	med.	Frauenklinik	Silencing PARP inhibitor resistance - Exploiting BRCA1 and RAD51C methylation stability to improve PARP inhibitor responses in high-grade serous ovarian carcinomas
<b>Gössinger</b>	Elisabeth Victoria	med.	Dermatology	Actinic Keratosis Surveillance Using Artificial Intelligence: Prospective Registry Investigating Short- and Long-term Real-World Treatment Efficacy with Digital Imaging
<b>Herger</b>	Simon	med.	Orthopedics, Biomechanics	Joint contact pressure during walking derived from motion capture and musculoskeletal modeling - predictor for changes in knee cartilage thickness and composition in persons with early radiological si

<b>Holzschuh</b>	Aurel	phil.nat.	Molecular Epidemiology	Exploring seasonal malaria transmission dynamics and patterns of drug resistance: a molecular epidemiology study in two border areas of Côte d'Ivoire and Burkina Faso
<b>Jäschke</b>	Dominik	med.	Radiologie	Radiologische Bildgebung in Diagnostik und Prädiktion der Kniegelenkarthrose: Vergleich von semi-quantitativem Scoring mit quantitativen Methoden unter Nutzung von künstlicher Intelligenz (Auslandsaufenthalt)
<b>Jauch</b>	Melissa	psych.	Sozialpsychologie	Exploring People's Willingness to Engage with Different Opinions
<b>Khani</b>	Mohammad Hossein	med.	Neuroscience/Biology	The functional role of cell type specific genes in the human retina
<b>Kimmerlin</b>	Quentin	med.	Hematology	Lineage-biased hematopoietic stem cells in JAK2-driven MPNs
<b>Lee</b>	Ye Ji	phil.hist.	General Linguistics	The serial organization of talk in the language classroom
<b>Madeira Reimao Pinto</b>	Madalena	phil.nat.	Developmental Biology and Biochemistry	The cis regulatory code of translational control during embryogenesis
<b>Migeon</b>	Marie	phil.hist.	Political Science	Visual and political representations: interactions between visual and discursive representations in armed conflict and political roles of women in peace processes and after settlements
<b>Müller</b>	Alina	med.	Dermatologie	3D Organoid-Based Drug Target Screening in Non-Melanoma Skin Cancers
<b>Nienhoff</b>	Lea Marie	phil.hist.	Urban Studies	Pipeline Aesthetics: A Socialist City for the Technical Revolution to Come
<b>Prunas</b>	Ottavia	phil.nat.	Infectious disease modeling	Advancing Analytical Approaches for Providing Population-level Impact Estimates of RSV Interventions in the Context of Disruptions
<b>Tocchini</b>	Cristina	phil.nat.	Developmental Biology	Communication between apical junctions and the nucleus
<b>van den Brandeler</b>	Emnée	phil.hist.	Theoretical Philosophy	Speciesist Ignorance: Bridging animal ethics and the epistemology of ignorance

<b>Van Zyl-Hermann</b>	Danelle	phil.hist.	African History	Africa's role in the reconstruction of Europe after WWII
<b>Wong</b>	Ching	phil.nat.	Statistical Science	Bayesian samplers for undirected and mixed networks
<b>Zwimpfer</b>	Tibor	med.	Gynaecological Oncology	Co-amplification of CCNE1 and AKT2 as a prognostic biomarker for treatment response and potential target in patients with high-grade serous ovarian cancer