

## SNSF Starting Grants 2023: Grant recipients

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Grant number	Project title	Applicant	Research Institution	Start	End	Project amount
218347	Macrophage Aggregation Control against Scarring (MACScar)	Zindel, Joel	University of Bern	01.01.2024	31.12.2028	1,790,725 CHF
218058	Spasticity: identifying spinal mechanisms and developing therapies	Kathe, Claudia	University of Lausanne	01.01.2024	31.12.2028	1,797,441 CHF
218393	Unveiling the role of the lipidome in neural tube patterning and cellular specification	La Manno, Gioele	EPFL	01.01.2024	31.12.2028	1,799,122 CHF
218343	A unified mathematical framework for trustworthy machine learning	Yang, Fan	ETHZ	01.01.2024	31.12.2028	1,728,737 CHF
218351	Engineered symbionts elucidate gut T cell memory and its (dys)regulation	Zimmermann, Jakob	University of Bern	01.01.2024	31.12.2028	1,778,441 CHF
218095	FlowState - Melting, hydrology and ice flow at high elevations of the Greenland Ice Sheet	Tedstone, Andrew	University of Lausanne	01.07.2024	30.06.2029	1,800,000 CHF
218471	SPARKLES: Restoring mobility in Multiple System Atrophy, Parkinson's disease, and other atypical parkinsonian syndromes through spinal cord stimulation	Martin Moraud, Eduardo	University of Lausanne	01.01.2024	31.12.2028	1,800,000 CHF
218329	The musical world of fairgrounds in Switzerland, 19th-21st centuries	Stoll-Knecht Anna	University of Fribourg	01.01.2024	31.12.2028	1,800,000 CHF

218344	Planetary stewardship in view of earth-space sustainability (PLANETSTEWARDS)	Yap, Xiao-Shan	EPFL	01.07.2024	30.06.2029	1,800,000 CHF
218305	An Integrative Lifespan Approach to Health and Development	Wehrle, Flavia	University of Zurich	01.01.2024	31.12.2028	1,794,931 CHF
218226	A Matter of Life and Debt: The Lost Decade and the Rise of Neoliberalism in Latin America, 1982-1994	Altamura, Carlo Edoardo	University of Lausanne	01.01.2024	31.12.2028	1,800,000 CHF
218336	Plumes: Access to the Chemical Makeup of Europa's Presumed Habitats	Vorburger, Audrey	University of Bern	01.01.2024	31.12.2028	1,517,458 CHF
218209	Killing to Keep: Violent Field Practices and Imperial Natural History in the Long Nineteenth-Century	Muschalek, Marie	University of Basel	01.01.2024	31.12.2028	1,800,000 CHF
218392	Nonlocal Meta-Optics	Achouri, Karim	EPFL	01.04.2024	31.03.2029	1,800,000 CHF
218142	Addressing therapeutic gaps with the strategic discovery of peptide drugs	Grob, Nathalie	ETHZ	01.01.2024	31.12.2028	1,800,000 CHF
218285	Range of influence of staphylococcal phages in bacterial populations	Gomez-Sanz, Elena	University of Bern	01.02.2024	31.01.2029	1,800,000 CHF
218400	Dissecting neuro-immune interactions in the initiation and progression of cancer	Dixon, Karen	University of Basel	01.06.2024	31.05.2029	1,800,000 CHF
218007	Pre-metazoan mechanisms of multicellular development	Dudin, Omayya	University of Fribourg	01.03.2024	28.02.2029	1,787,211 CHF
218438	Ferroelectric Superlattices for Bio-Inspired Computing (ROSUBIO)	Bégon-Lours, Laura	ETHZ	01.01.2024	31.12.2028	1,800,000 CHF
218506	LEMING - A Precision Particle Physics and Gravity Experiment using Cold Muonium	Soter, Anna	ETHZ	01.01.2024	31.12.2028	1,785,380 CHF

218288	The Circumference of Violence - Tracing the normalisation and brutalisation of violence across Europe's shifting external borders	Heller, Charles	University of Bern	01.01.2024	31.12.2028	1,778,133 CHF
218409	The Neuronal Basis of Social Affiliation	Larsch, Johannes	University of Lausanne	01.01.2024	31.12.2028	1,781,028 CHF
218314	Moving up or stepping down? The influence of social closure mechanisms on workplace career development in the intersection between gender, migration and social background	Combet, Benita	University of Zurich	01.01.2025	31.12.2029	1,798,228 CHF
218454	ACTT - Arrhythmogenic Cardiomyopathy: Investigation of new mechanisms and therapeutic targets	Schinner, Camilla	University of Bern	01.01.2024	31.12.2028	1,799,946 CHF
218408	Looking beyond borders: Disentangling international transmission dynamics towards ending the national HIV/AIDS epidemic in Switzerland	Kusejko, Katharina	University of Zurich	01.03.2024	28.02.2029	1,756,081 CHF
218019	Dandelion: System Software Foundations for the New Era of Cloud Computing	Klimovic, Ana	ETHZ	01.01.2024	31.12.2028	1,800,000 CHF
218195	Metaphysics We Can Believe In	Merlo, Giovanni	University of Geneva	01.03.2024	28.02.2029	1,710,561 CHF
218236	Humility in theory and practice. Historical approaches across cultures (1250-1500)	Negri, Silvia	University of Zurich	01.01.2024	31.12.2028	1,799,627 CHF
218146	Flaw free or be me at work? Exploring the intersection of diversity and disclosure in leadership	Howe, Lauren C.	University of Zurich	01.01.2024	31.12.2028	1,410,966 CHF
218561	Foreseeing the challenges of the EU deforestation policy: insights from the Brazilian case	Stigler, Matthieu	University of Geneva	01.03.2024	28.02.2029	1,782,503 CHF
218447	The role of mitochondrial biogenesis and quality control for cell fate decision and neuronal	Kleele, Tatjana	ETHZ	01.01.2024	31.12.2028	1,681,437 CHF

	homeostasis					
218178	Environmental control of shoot architecture in Arabidopsis	Legris, Martina	University of Neuchatel	01.04.2024	31.03.2029	1,799,045 CHF
218488	Dissecting the role of intracellular bacteria and neutrophil heterogeneity in cancer susceptibility and progression	Calcinotto, Arianna	Università della Svizzera italiana	01.01.2024	31.12.2028	1,786,998 CHF
218295	Medieval and Early Modern Mediterranean Mathematics (MediMath)	Sammarchi, Eleonora	University of Bern	01.03.2024	28.02.2029	1,446,916 CHF
218018	Digital early detection of psychological disorder after the loss of a loved one:DeathGRIP (Grief Response in Post Pandemic Society)	Killikelly, Clare	University of Zurich	01.02.2024	31.01.2029	1,619,566 CHF
218455	Strain-level adaptation as a risk and opportunity for nutrition-related disorders (NutAdapt)	Vonaesch, Pascale	University of Lausanne	01.01.2024	31.12.2028	1,798,540 CHF
218247	The ebb and flow of human brain activity, cognition, and performance	Pascucci, David	University of Lausanne	01.01.2024	31.12.2028	1,748,661 CHF
218367	Shape-Governed Supramolecular Systems (FLATLANDER)	Rickhaus, Michel	University of Geneva	01.01.2024	31.12.2028	1,800,000 CHF
218252	Exploring the role of the prefrontal cortex in remembering and forgetting	Peter, Jessica	University of Berne	01.01.2024	31.12.2028	1,799,513 CHF
218228	Aspirational Urbanism and the Recodification of Defiance (ASPIRA)	Ren, Julie	University of Basel	01.07.2024	30.06.2029	1,761,241 CHF
218234	New approaches to robust solid-electrolyte interphases for Li metal batteries and beyond	Lukatskaya, Maria	ETHZ	01.01.2024	31.12.2028	1,797,586 CHF
218601	Optimization for Modern Reinforcement Learning: from Principles to Scalability	He, Niao	ETHZ	01.01.2024	31.12.2028	1,785,678 CHF

218042	Cellular Adaptations for Organic Nutrient Distribution	Kalmbach, Lothar	University of Neuchatel	01.02.2024	31.01.2029	1,799,957 CHF
218022	A New Paradigm for Flow and Cut Algorithms	Kyng, Rasmus	ETHZ	01.01.2024	31.12.2028	1,775,791 CHF
218052	Understanding Socio-Economic Complexity in Eastern Mediterranean Protohistory: Dynamics of Production, Technology and Territorial Networks on Cyprus during the 2nd Millennium BCE	Bürge, Teresa	University of Bern	01.03.2024	28.02.2029	1,800,000 CHF
218389	DRought Impacts on soil microbial metabolism in European foRests (DRIER)	Ladd, Sarah Nemiah	University of Basel	01.01.2025	31.12.2029	1,800,000 CHF
218106	Recyclable porous catalysts from metal oxo clusters	De Roo, Jonathan	University of Basel	01.10.2024	30.09.2029	1,774,571 CHF
218139	Public Reinsurance in Multilevel Polities (EUROPE RE)	Freudlsperger, Christian	ETHZ	01.01.2024	31.12.2028	1,799,888 CHF
218299	Tracking and resolving chromatin dynamics in human brain organoid development and disease	Zenk, Fides	EPFL	01.01.2024	31.12.2028	1,799,930 CHF
218084	BOND: Birth of new dialects? - Swiss German in traditional Romansh areas	Hasse, Anja	University of Zurich	01.02.2024	31.01.2029	1,556,858 CHF
218082	Fable, Emblem, Poem, Performance: Renaissance Word and Image Tales	Cirnigliaro, Giuditta	University of Geneva	01.01.2024	31.12.2028	1,791,554 CHF
218032	Constraining black hole origins with cosmological simulations	Habouzit, Melanie	University of Geneva	01.01.2024	31.12.2028	1,774,671 CHF
218251	In situ structural studies to understand the assembly, organization and phage-dependent remodeling of the corynebacterial cell envelope	Pérez Navarro, Paula	University of Lausanne	01.04.2024	31.03.2029	1,752,816 CHF

218028	Uncovering innovative strategies to reverse CD8 T cell exhaustion and improve cancer Immunotherapies	Beltra, Jean-Christophe	University of Basel	01.01.2024	31.12.2028	1,780,309 CHF
218298	Nutritional phenology with climate change	Twining, Cornelia	EAWAG	01.01.2024	31.12.2028	1,673,157 CHF
218047	CoMind: Improving diagnoses by understanding the collaborative and cognitive processes of medical teams	Kämmer, Juliane	University of Bern	01.01.2024	31.12.2028	1,710,281 CHF
218510	Quantum Curves and Black Holes	Grassi, Alba	University of Geneva	01.01.2025	31.12.2029	1,800,000 CHF
218127	Dual-type Dual-element Atom Array for Quantum Computation and Simulation	Xu, Wenchao	ETHZ	01.01.2024	31.12.2028	1,781,155 CHF
218424	Unraveling host-microbiome interactions in lung fibrosis	Nobs, Samuel Philip	University of Zurich	01.03.2024	28.02.2029	1,799,893 CHF
218092	Yes, I do: A theory on belligerent consent to United Nations peace missions	Hellmüller, Sara	IHEID	01.01.2025	31.12.2029	1,800,000 CHF
218486	Riverine heatwaves under climate change (RiHeat)	Brunner Manuela	ETHZ	01.07.2024	30.06.2029	1,270,540 CHF
218340	Non-archimedean methods in geometry and topology	Wyss, Dimitri	EPFL	01.09.2024	31.08.2029	1,360,556 CHF
218498	Motivational Change	Messerli, Michael	University of Zurich	01.01.2024	31.12.2028	1,783,238 CHF
218475	Drug resistance evolution across taxonomic boundaries: investigating the effects of ploidy, lifestyle, and reproductive strategy	Trubenova, Barbora	ETHZ	01.06.2024	31.05.2029	1,799,110 CHF
218303	Leveraging water isotope observations to establish robust constraints for precipitation efficiency (PERISCOPE)	Scholder-Aemisegger, Franziska	University of Bern	01.09.2024	31.08.2029	1,647,253 CHF

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218396	Deep Waves: Accelerating Wave Dark Matter simulations with physics-informed deep learning & constraining Wave Dark Matter models with MeerKAT deep HI surveys	Tolley, Emma	EPFL	01.09.2024	31.08.2029	1,615,547 CHF
218258	Causes, Contexts, Consequences: Understanding Immigrant Integration through Citizenship (InterCitizen)	Pietrantuono, Giuseppe	University of Zurich	01.07.2024	30.06.2029	1,799,482 CHF

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