## PRIMA: list of grantees 2017 - 2020

<table>
<thead>
<tr>
<th>Call</th>
<th>Surname</th>
<th>First Name</th>
<th>Research institution</th>
<th>Discipline</th>
<th>Title of project</th>
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<tbody>
<tr>
<td>2017</td>
<td>Becker</td>
<td>Susanne</td>
<td>University of Zürich</td>
<td>Psychology</td>
<td>Feeling Pain and Being in Pain: Mechanisms of emotional-motivational pain processing in health and disease</td>
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<td>2017</td>
<td>Botta</td>
<td>Cristina</td>
<td>University of Zürich</td>
<td>Particle Physics</td>
<td>Search for new physics in the unexplored corners of particle physics with the CMS detector at the LHC</td>
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<td>2017</td>
<td>Clivaz</td>
<td>Claire</td>
<td>Swiss Institute of Bioinformatics Lausanne</td>
<td>Religious studies, Theology</td>
<td>Digital New Testament studies : Mark 16 as a test case of a new research model</td>
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<td>2017</td>
<td>De Jonge</td>
<td>Cindy</td>
<td>ETH Zürich</td>
<td>Other disciplines of Environmental Sciences</td>
<td>What drives the distribution of chemical fossils? Influence of microbial community dynamics on bacterial membrane lipid signatures. [MiCoDy-Lipids]</td>
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<td>2017</td>
<td>Faso</td>
<td>Carmen</td>
<td>University of Bern</td>
<td>Cellular Biology, Cytology</td>
<td>The road less travelled: Parasites as models for unconventional protein secretion at the host-pathogen interface</td>
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<td>2017</td>
<td>Haack</td>
<td>Géraldine</td>
<td>University of Geneva</td>
<td>Theoretical Physics</td>
<td>Mesoscopic quantum thermal machines</td>
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<td>Lavinia</td>
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<td>Multimessenger constraints of modified gravity</td>
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<td>Hospenthal</td>
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<td>Molecular Biology</td>
<td>The Mechanisms of Natural Competence in Gram-negative Bacteria</td>
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<td>Jandus</td>
<td>Camilla</td>
<td>University of Lausanne</td>
<td>Immunology, Immunopathology</td>
<td>ILC2 functional manipulation at the single cell level for innovative cancer immunotherapy</td>
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<tr>
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<td>Knopp</td>
<td>Stefanie</td>
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<td>Infectious Diseases</td>
<td>The last mile: novel tools and strategies for breaking schistosomiasis transmission</td>
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<td>2017</td>
<td>Le Boeuf</td>
<td>Adria</td>
<td>University of Fribourg</td>
<td>Biochemistry</td>
<td>Collective control of development through socially exchanged fluids</td>
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<td>Mahrer</td>
<td>Stefanie</td>
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<td>General history (without pre- and early history)</td>
<td>Wissenschaft transnational. Die Schweiz und die akademischen Zwangsmigranten 1933 bis 1950</td>
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<td>2017</td>
<td>Martin</td>
<td>Angela</td>
<td>University of Basel</td>
<td>Philosophy</td>
<td>Beastly Politics - A Theory of Justice for Nonhuman Animals</td>
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<td>Elena</td>
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<td>Pathophysiology</td>
<td>Role of bile acids in endothelial cell metabolism and function</td>
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<td>2017</td>
<td>Raffin</td>
<td>Estelle</td>
<td>EPF Lausanne</td>
<td>Neurophysiology and Brain Research</td>
<td>Re-Orchestration of interregional oscillatory activity in the visual system to promote visual recovery in two models of neurological visual impairments: stroke and Parkinson's disease (Re-Orchestrate-For-Vision)</td>
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<td>2017</td>
<td>Ramon</td>
<td>Meike</td>
<td>University of Fribourg</td>
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<td>Mechanisms of superior face recognition</td>
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<td>Secchi</td>
<td>Eleonora</td>
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<td>Condensed Matter Physics</td>
<td>The role of ambient flow and physico-chemical microenvironment in determining the microstructure of the biofilm matrix</td>
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<td>Terrier Aliferis</td>
<td>Laurence</td>
<td>University of Neuchâtel</td>
<td>Visual arts and Art history</td>
<td>The Medieval Frame of Monumental Portal Sculpture (Pedestals, Canopies, Niches) : Cultural Transfers and Agency (12th-13th Centuries)</td>
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<tr>
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<td>Tugues</td>
<td>Sonia</td>
<td>University of Zürich</td>
<td>Immunology, Immunopathology</td>
<td>Harnessing innate lymphoid cell surveillance of cancer metastasis</td>
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<td>2017</td>
<td>Villievieille</td>
<td>Claire</td>
<td>Paul Scherrer Institute</td>
<td>Inorganic Chemistry</td>
<td>All-solid-state Li-ion batteries using garnet ceramic solid electrolyte</td>
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<td>Witt</td>
<td>Sophie</td>
<td>University of Zürich</td>
<td>German and English languages and literature</td>
<td>Das medizinische Wissen des Theaters. Faszinationsgeschichte und Poetologie der Psychosomatik (1750-1970) (AT)</td>
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<td>2018</td>
<td>Bories</td>
<td>Anne-Sophie</td>
<td>University of Basel</td>
<td>Romance languages and literature</td>
<td>Le Rire des vers</td>
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<td>De Cia</td>
<td>Annalisa</td>
<td>University of Geneva</td>
<td>Astronomy, Astrophysics and Space Sciences</td>
<td>Interstellar one: one vision for the Interstellar Medium at all cosmic times</td>
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<td>Deiner</td>
<td>Kristy</td>
<td>ETH Zürich</td>
<td>Ecology</td>
<td>Global measure of biodiversity by understanding biogeochemical cycling of environmental DNA in lakes</td>
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<td>2018</td>
<td>Fumeaux</td>
<td>Coralie</td>
<td>University of Lausanne</td>
<td>Experimental Microbiology</td>
<td>Identification and characterization of new factors involved in cell wall homeostasis in Gram-negative bacteria</td>
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<td>2018</td>
<td>Giroud</td>
<td>Nathalie</td>
<td>University of Zürich</td>
<td>Psychology</td>
<td>Novel ways of preventing age-related cognitive decline: Identifying the role of speech processing deficits in Alzheimer’s disease</td>
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<td>Grassi</td>
<td>Alba</td>
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<td>Hellmüller</td>
<td>Sara</td>
<td>Graduate Institute Geneva</td>
<td>Political science</td>
<td>A child of its time: the impact of world politics on peacebuilding</td>
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<td>Kleint</td>
<td>Lucia</td>
<td>University of Geneva</td>
<td>Astronomy, Astrophysics and Space Sciences</td>
<td>Understanding Solar and Stellar Flares with Machine Learning</td>
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<td>2018</td>
<td>Landert</td>
<td>Daniela</td>
<td>University of Basel</td>
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<td>The Pragmatics of Improvised Drama Comedy</td>
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<td>Latorre</td>
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<td>ETH Zürich</td>
<td>Immunology, Immunopathology</td>
<td>Isolation and characterization of conventional and unconventional autoreactive T cells in Guillain-Barré syndrome</td>
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<td>2018</td>
<td>Pimiento</td>
<td>Catalina</td>
<td>University of Zürich</td>
<td>Paleontology (biol.)</td>
<td>Sharks extinction risk: From the past to the future (SHARKS-XT)</td>
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<td>Schläpfer</td>
<td>Joëlle</td>
<td>University of Zürich</td>
<td>Molecular Biology</td>
<td>Improving Plant Root Interactions with Beneficial Microbes: The role of Plant Immunity and Metabolite Exudation</td>
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<td>Schmetkamp</td>
<td>Susanne</td>
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<td>Schober</td>
<td>Jennifer</td>
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<td>Astronomy, Astrophysics and Space Sciences</td>
<td>Magnetohydrodynamical dynamos: Astrophysical and cosmological applications and observational signatures</td>
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<td>Toll Riera</td>
<td>Macarena</td>
<td>ETH Zürich</td>
<td>Genetics</td>
<td>Adaptation to changing environments and its boundaries</td>
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<td>Vetter</td>
<td>Petra</td>
<td>University of Fribourg</td>
<td>Psychology</td>
<td>How audition enhances visual perception and guides eye-movements</td>
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<td>2018</td>
<td>von Freyberg</td>
<td>Jana</td>
<td>EPF Lausanne</td>
<td>Hydrology, Limnology, Glaciology</td>
<td>Understanding active stream network dynamics and their effects on catchment hydrology and water quality</td>
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<td>Amsler Weber</td>
<td>Nadine</td>
<td>University of Fribourg</td>
<td>General history (without pre- and early history)</td>
<td>Early Childhood and Dynastic Reproduction at Princely Courts, 1600-1800: European and Global Perspectives</td>
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<td>Bassani-Sternberg</td>
<td>Michal</td>
<td>University of Lausanne</td>
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<td>Prioritization of neoantigens in MHC presentation hotspots following cancer immunotherapy</td>
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<td>Bouchery</td>
<td>Tiffany</td>
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<td>Experimental Microbiology</td>
<td>Strategies for Hookworm Eradication (SHE): harnessing the parasite developmental keys for designing targeted clinical approaches</td>
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<td>Cao</td>
<td>Chan</td>
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<td>Biophysics</td>
<td>Improving resolution of single-molecule characterization by nanopores</td>
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<td>2019</td>
<td>Casacuberta Arola</td>
<td>Nuria</td>
<td>ETH Zürich</td>
<td>Oceanography</td>
<td>How fast do Atlantic Waters circulate and what are their pathways through the Arctic Ocean and in the Meridional Overturning Circulation? New insights from Transient Tracers (TRACEATLANTIC)</td>
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<td>Delley</td>
<td>Murielle Florence</td>
<td>University of Basel</td>
<td>Inorganic Chemistry</td>
<td>Novel Catalysis by Transition Metal Phosphides and Chalcogenides Using Molecular Perspectives on their Interfacial Chemistry</td>
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<td>Durrleman</td>
<td>Stephanie</td>
<td>University of Fribourg</td>
<td>Psychology</td>
<td>Autism, Bilingualism, Cognitive &amp; Communicative Development</td>
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<td>Garland</td>
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<td>Other disciplines of Environmental Sciences</td>
<td>Understanding the impacts of antibiotics from human excreta derived fertilizers on the soil-microbial-plant nexus</td>
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<td>An investigation into the role of T cell-pericyte interactions during adaptive immune responses</td>
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<td>Gloor</td>
<td>Jamie Lee</td>
<td>University of St. Gallen</td>
<td>Science of management</td>
<td>Playing the Game relieves ‘More of the Same’? Leadership Diversity through Sport</td>
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<td>Hirschmann</td>
<td>Michaela</td>
<td>EPF Lausanne</td>
<td>Astronomy, Astrophysics and Space Sciences</td>
<td>From cosmic dawn to high noon: the role of BHs for young galaxies</td>
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<td>Lopez Mejia</td>
<td>Isabel Cristina</td>
<td>University of Lausanne</td>
<td>Molecular Biology</td>
<td>Macronutrition and signal-induced regulation of RNA splicing in adipose tissue depots</td>
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<td>Milic</td>
<td>Jovana</td>
<td>University of Fribourg</td>
<td>Material Sciences</td>
<td>Supramolecular engineering of functional nanomaterials for energy conversion</td>
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<td>Visual arts and Art history</td>
<td>Liebe und Krieg. Profane Bilder auf gotischen Elfenbeinen</td>
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<td>Vuilleumier</td>
<td>Sandrine</td>
<td>University of Basel</td>
<td>Ancient history and Classical studies</td>
<td>Au-delà du texte. Les nouvelles compositions funéraires d’époque gréco-romaine : textualité et archéologie à Thèbes</td>
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<td>Ecology</td>
<td>Deciphering the chemical language between plants and insects in ecological communities</td>
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<td>Ileana-Cristina</td>
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<td>Quantum-limited metrology, transduction and generation of terahertz signals in integrated photonics</td>
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<td>Ilaria</td>
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<td>Mathematics</td>
<td>Spectral techniques in dynamics and number theory</td>
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<td>Katharina</td>
<td>ETH Zürich</td>
<td>Embryology, Developmental Biology</td>
<td>Steroid-receptor-mediated inheritance through the male germline</td>
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<td>Hernandez Ramirez-Chiaia</td>
<td>Aurea</td>
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<td>Tracing plant protection products across the environment - Source, transport, sink, and relevance for risk assessment (TraPPP)</td>
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<td>Biochemistry</td>
<td>Visualizing biogenesis and molecular mechanisms of Fe-S proteins</td>
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<td>Ethnology</td>
<td>Urban Bricolage. Mining, Designing and Constructing with Reused Building Materials</td>
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<td>Kobi</td>
<td>Valérie</td>
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<td>Visual arts and Art history</td>
<td>Bibliothèques et musées en Suisse entre 18e et 19e siècles: une histoire parallèle</td>
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<td>Katrina</td>
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<td>Geology</td>
<td>Slope failures in sublacustrine deltas</td>
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<td>Alexandra</td>
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<td>Geology</td>
<td>Redistribution of silica and Deposition under a volcanic edifice (ReSiDue)</td>
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<td>Langkau</td>
<td>Julia</td>
<td>University of Geneva</td>
<td>Philosophy</td>
<td>Creativity, Imagination and Tradition</td>
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<td>Lehtinen</td>
<td>Sonja</td>
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<td>Ecology</td>
<td>Evolutionary and ecological epidemiology across scales: within- and between-host dynamics of Escherichia coli</td>
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<td>Magnani</td>
<td>Chiara</td>
<td>University of Zürich</td>
<td>Experimental Cancer Research</td>
<td>Advancing cancer immunotherapy with non-viral engineering of multifunctional CAR T cells</td>
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<td>Palko</td>
<td>Olena</td>
<td>University of Basel</td>
<td>General history (without pre- and early history)</td>
<td>Red Tower of Babel: Soviet minorities experiment in interwar Ukraine</td>
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<td>Karina</td>
<td>ETH Zürich</td>
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<td>Lymphoid neogenesis in cancer</td>
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<td>Simonini</td>
<td>Sara</td>
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<td>Embryology, Developmental Biology</td>
<td>Epigenetic control of development by conserved PRC2-partner modules</td>
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<td>Vieni Baptista</td>
<td>Bianca</td>
<td>ETH Zürich</td>
<td>Sociology</td>
<td>Investigating interdisciplinarity and transdisciplinarity: Intersections of practices, culture(s) and policy in collaborative knowledge production</td>
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<td>Wu</td>
<td>Pei-Hsuan</td>
<td>University of Geneva</td>
<td>Molecular Biology</td>
<td>Epigenetic paternal contribution to embryogenesis through non-coding RNAs</td>
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