

## Eccellenza: List of awardees

### Eccellenza 2021: 4th call (32 awards, from 2021 onwards only Eccellenza Professorial Fellowships)

| Name                | First Name             | Type                               | Research institution   | Discipline                                     | Project Titel  |
|---------------------|------------------------|------------------------------------|------------------------|--|--|
| <b>Baud</b>         | Maxime                 | Eccellenza Professorial Fellowship | Universität Bern       | Neurophysiology and Brain Research             | Dynamical control of seizures  |
| <b>Bence</b>        | Gyorgy                 | Eccellenza Professorial Fellowship | Universität Basel      | Ophthalmology                                  | Precision gene therapy for inherited blindness   |
| <b>Bertsou</b>      | Eri                    | Eccellenza Professorial Fellowship | Universität St. Gallen | Political science                              | Varieties of Expertise: Understanding public demand for independent experts in democratic politics   |
| <b>Block</b>        | Per                    | Eccellenza Professorial Fellowship | Universität Zürich     | Sociology                                      | Labour Markets as Emergent Mobility Networks: How Social Relations Shape Macro-Level Occupational Mobility Structure                                       |
| <b>De Simone</b>    | Alessandro             | Eccellenza Professorial Fellowship | Université de Lausanne | Embryology, Developmental Biology              | Physical principles of tissue size control in zebrafish scale regeneration   |
| <b>Dousse</b>       | Jehanne Isaure Juliana | Eccellenza Professorial Fellowship | Université de Genève   | Mathematics                                    | Partition identities and interactions  |
| <b>Hahnel</b>       | Ulf                    | Eccellenza Professorial Fellowship | Universität Basel      | Psychology                                     | Evidence-based pathways towards sustainable judgment and decision-making: A multi-dimensional perspective  |
| <b>Hirschi</b>      | Valentin               | Eccellenza Professorial Fellowship | Universität Bern       | Particle Physics                               | A novel approach to perturbative computations in Quantum Field Theory  |
| <b>Jnglin Wills</b> | Robert                 | Eccellenza Professorial Fellowship | ETH Zürich             | Climatology, Atmospherical Chemistry, Aeronomy | Constraining Future Changes in the Large-Scale Atmospheric Circulation to Improve Projections of Regional Climate Impacts                                  |
| <b>Kuijpers</b>     | Moniek                 | Eccellenza Professorial Fellowship | Universität Basel      | Applied linguistics                            | Shared Reading in the Age of Digitalization: Online Discussions, Face-to-Face Groups and the Role of Absorption in the Promotion of Reading and Well-Being |
| <b>Laufkötter</b>   | Charlotte              | Eccellenza Professorial Fellowship | Universität Bern       | Oceanography                                   | Biological carbon cycling in the future ocean (BioCycle)   |
| <b>Li</b>           | Jin                    | Eccellenza Professorial Fellowship | Université de Lausanne | Cardiovascular Research                        | Autoantibody Signature of Cardiac Arrhythmias  |

|                       |           |                                    |  |                                       |   |
|-----------------------|-----------|------------------------------------|--|---------------------------------------|---|
| <b>Lloret-Fritsch</b> | Ena       | Eccellenza Professorial Fellowship | Università della Svizzera italiana         | Architecture and Social urban science | Fabrication & Material Aware Architecture: Ultra-Thin Formworks for Concrete                                  |
| <b>Loukas</b>         | Andreas   | Eccellenza Professorial Fellowship | Université de Genève                       | Information Technology                | A theory of neural network communication (NECO): establishing the fundamental limits of neural architectures  |
| <b>Lucek</b>          | Kay       | Eccellenza Professorial Fellowship | Université de Neuchâtel                    | Zoology                               | The evolution of strong reproductive barriers towards the completion of speciation                            |
| <b>Mazzola</b>        | Guglielmo | Eccellenza Professorial Fellowship | Universität Zürich                         | Condensed Matter Physics              | From atomistic simulations to giant planets   |
| <b>Mostowlansky</b>   | Till      | Eccellenza Professorial Fellowship | Inst. de Hautes Etudes Internat. et du Dév | Ethnology                             | Quiet Aid: Service and Salvation in the Balkans-to-Bengal Complex   |
| <b>Perrin</b>         | Mickael   | Eccellenza Professorial Fellowship | ETH Zürich                                 | Condensed Matter Physics              | Three-terminal particle-exchange heat engines for efficient energy conversion at the nanoscale                |
| <b>Rusterholz</b>     | Caroline  | Eccellenza Professorial Fellowship | Inst. de Hautes Etudes Internat. et du Dév | Ancient history and Classical studies | Decolonising sexual and reproductive health in postwar Britain from a transnational perspective (1960s-2020s) |
| <b>Schmutz</b>        | Jan       | Eccellenza Professorial Fellowship | Universität Zürich                         | Applied psychology                    | Teamwork Under Pressure: Effective Team Processes During Extreme Events                                       |
| <b>Schubert</b>       | Jon       | Eccellenza Professorial Fellowship | Universität Basel                          | Ethnology                             | PRECURBICA — Precarious Urbanisms in Coastal Africa   |
| <b>Sgalaberna</b>     | Davide    | Eccellenza Professorial Fellowship | ETH Zürich                                 | Particle Physics                      | The PLATON detector for precise neutrino detection  |
| <b>Siclari</b>        | Francesca | Eccellenza Professorial Fellowship | Université de Lausanne                     | Neurology, Psychiatry                 | Manipulating the Electrophysiological Landscape of Dreams   |
| <b>Simonov</b>        | Arkadiy   | Eccellenza Professorial Fellowship | ETH Zürich                                 | Condensed Matter Physics              | Local structure of lattice instabilities  |
| <b>Siqueira Reis</b>  | Rodrigo   | Eccellenza Professorial Fellowship | Universität Bern                           | Molecular Biology                     | Plant perception and adaption to elevated temperatures through changes in RNA structure                       |
| <b>Sossi</b>          | Paolo     | Eccellenza Professorial Fellowship | ETH Zürich                                 | Geochemistry                          | Production of Secondary Atmospheres   |
| <b>Valentini</b>      | Martina   | Eccellenza Professorial Fellowship | Université de Genève                       | Experimental Microbiology             | RNA degradosome reshuffling – an essential driver of bacterial adaptation                                     |
| <b>Wäckerlin</b>      | Christian | Eccellenza Professorial Fellowship | EPF Lausanne                               | Condensed Matter Physics              | Opto-electronic and spintronic quantum transport in metal-organic nanowires and nanosheets                    |

|                 |            |                                    |                             |                                       |  |
|-----------------|------------|------------------------------------|-----------------------------|---------------------------------------|--|
| <b>Weber</b>    | Nadir      | Eccellenza Professorial Fellowship | Universität Luzern          | Ancient history and Classical studies | Republican Secrets. Silence, Memory, and Collective Rule in the Early Modern Period                                  |
| <b>Widmayer</b> | Klaus      | Eccellenza Professorial Fellowship | Universität Zürich          | Mathematics                           | Stable Structures in Fluid Flow and Kinetic Theory   |
| <b>Zenke</b>    | Friedemann | Eccellenza Professorial Fellowship | Friedrich Miescher Institut | Neurophysiology and Brain Research    | Understanding the role of inhibitory circuits in controlling plasticity and in implementing network-level objectives |
| <b>Zerbi</b>    | Valerio    | Eccellenza Professorial Fellowship | EPF Lausanne                | Neurophysiology and Brain Research    | Blue Networks. How the Locus Coeruleus controls and reorganizes brain activity                                       |

### Eccellenza 2020: 3rd call (45 awards)

| Name               | First Name     | Type                               | Research institution                       | Discipline                                      | Project Titel  |
|--------------------|----------------|------------------------------------|--|---|--|
| <b>Acker</b>       | Antoine        | Eccellenza Professorial Fellowship | Inst. de Hautes Etudes Internat. et du Dév | General history (without pre-and early history) | AnthropoSouth: Latin American Oil Revolutions in the Development Century   |
| <b>Anderson</b>    | Richard Irving | Eccellenza Professorial Fellowship | EPF Lausanne                               | Astronomy, Astrophysics and Space Sciences      | Measuring Hubble's Constant to 1% With Pulsating Stars   |
| <b>Aru</b>         | Juhan          | Eccellenza Grant                   | EPF Lausanne                               | Mathematics                                     | The geometry of the Gaussian free field and applications   |
| <b>Balmer</b>      | Maria Luisa    | Eccellenza Professorial Fellowship | Universität Bern                           | Immunology, Immunopathology                     | Immunometabolic sensing of bacterial metabolites driving diet-induced obesity  |
| <b>Banerjee</b>    | Mitali         | Eccellenza Grant                   | EPF Lausanne                               | Condensed Matter Physics                        | Unambiguous identification of the topological order of the quantum Hall states   |
| <b>Bastiaansen</b> | Josefina       | Eccellenza Professorial Fellowship | Universität Bern                           | Other disciplines of Physics                    | Quantitative magnetic resonance biopsies: Exploiting signal asymmetries for next-generation noninvasive biomarker mapping            |
| <b>Brandt</b>      | Holger         | Eccellenza Grant                   | Universität Zürich                         | Psychology                                      | Dynamic structural equation models for intervention studies with intensive longitudinal data: Robust estimation and misfit detection |
| <b>Braun</b>       | Simon          | Eccellenza Professorial Fellowship | Université de Genève                       | Embryology, Developmental Biology               | Epigenome editing to study chromatin remodeling during brain development   |
| <b>De Roo</b>      | Jonathan       | Eccellenza Grant                   | Universität Basel                          | Inorganic Chemistry                             | Unlocking complex ceramic nanocrystals using kinetic control and mechanistic insight   |

|                           |              |                                    |                                    |   |  |
|---------------------------|--------------|------------------------------------|------------------------------------|---|--|
| <b>Detering</b>           | Nicolas      | Eccellenza Grant                   | Universität Bern                   | German and English languages and literature     | Gattungspoetik des Sakralen: Aneignungen geistlich-alteuropäischer Literaturformate in der deutschsprachigen Moderne (18.–20. Jahrhundert)                       |
| <b>Donato</b>             | Flavio       | Eccellenza Grant                   | Universität Basel                  | Neurophysiology and Brain Research              | How do you build a cognitive map? Dissecting the mechanisms driving the development of the brain's representation of space in the entorhinal-hippocampal network |
| <b>Frey</b>               | Renato       | Eccellenza Professorial Fellowship | Universität Zürich                 | Psychology                                      | Decision making in a complex world: Towards a process-level theory of risk taking  |
| <b>Gasic</b>              | Ivana        | Eccellenza Professorial Fellowship | Université de Genève               | Cellular Biology, Cytology                      | Tubulin Quantity Control and Microtubule Homeostasis   |
| <b>Guerreiro Stucklin</b> | Ana          | Eccellenza Professorial Fellowship | Universität Zürich                 | Experimental Cancer Research                    | Decoding and Targeting Novel Oncofusions in Pediatric Gliomas  |
| <b>Hadjivasiliou</b>      | Zena         | Eccellenza Professorial Fellowship | EPF Lausanne                       | Embryology, Developmental Biology               | Theoretical approaches for the study of growth and patterning in development and evolution   |
| <b>Hediger</b>            | Karin        | Eccellenza Professorial Fellowship | Universität Basel                  | Psychology                                      | From bench to barn to bed: Effects and mechanisms of animal-assisted interventions   |
| <b>Heiniger</b>           | Alix         | Eccellenza Professorial Fellowship | Université de Fribourg             | General history (without pre-and early history) | Espace carcéral et circulations : une histoire transnationale et régionale des prisons suisses (1820-1980)   |
| <b>Jacobi</b>             | Johanna      | Eccellenza Professorial Fellowship | ETH Zürich                         | Social geography and ecology                    | Does food democracy matter? Linking the deliberative quality of soy and coffee value chains to ecological "foodprints" (DELIBERATE)                              |
| <b>Jelescu</b>            | Ileana       | Eccellenza Professorial Fellowship | Université de Lausanne             | Other disciplines of Physics                    | In vivo brain microstructure mapping for clinical neuroimaging   |
| <b>Keller</b>             | Andreas      | Eccellenza Professorial Fellowship | Universität Basel                  | Neurophysiology and Brain Research              | Function of Sleep in Shaping Neural Circuitry  |
| <b>Ladd</b>               | Sarah Nemiah | Eccellenza Professorial Fellowship | Universität Basel                  | Geochemistry                                    | Algal Dynamics And Productivity through Time (ADAPT)   |
| <b>Langlet</b>            | Fanny        | Eccellenza Professorial Fellowship | Université de Lausanne             | Neurophysiology and Brain Research              | Structural and molecular organization of tanycyte/arcuate neuron metabolic units for the control of energy homeostasis   |
| <b>Lemmin</b>             | Thomas       | Eccellenza Professorial Fellowship | Università della Svizzera italiana | Biophysics                                      | LMol: Biomolecular language models for protein design  |
| <b>Lendl</b>              | Monika       | Eccellenza Professorial Fellowship | Université de Genève               | Astronomy, Astrophysics and Space Sciences      | TITANIA: TIme variabliTY As a New window on exoplanet cIImAtes   |
| <b>Megevand</b>           | Pierre       | Eccellenza Professorial Fellowship | Université de Genève               | Neurology, Psychiatry                           | Neuronal biomarkers of seizure activity in human epilepsy  |

|                       |                 |                                    |  |   |  |
|-----------------------|-----------------|------------------------------------|--|---|--|
| <b>Nikoletopoulou</b> | Vassiliki       | Eccellenza Grant                   | Université de Lausanne                     | Neurophysiology and Brain Research              | Unconventional Functions of Autophagy in Neurons   |
| <b>Peleg</b>          | Nadav           | Eccellenza Professorial Fellowship | Université de Lausanne                     | Hydrology, Limnology, Glaciology                | Rainfall and floods in future cities   |
| <b>Potts</b>          | Patrick Peter   | Eccellenza Professorial Fellowship | Universität Basel                          | Theoretical Physics                             | Fluctuations, Sensing, and Information in Open Quantum Systems   |
| <b>Pröbstel</b>       | Anne-Katrin     | Eccellenza Professorial Fellowship | Universität Basel                          | Immunology, Immunopathology                     | DeeBdiviN – Deciphering B cell diversity in Neuroinflammation  |
| <b>Prokopec</b>       | Aleksandar      | Eccellenza Professorial Fellowship | EPF Lausanne                               | Information Technology                          | Unifying High-Level and Low-Level Programming  |
| <b>Schär</b>          | Bernhard        | Eccellenza Professorial Fellowship | Université de Lausanne                     | General history (without pre-and early history) | Moral and economic entrepreneurship in Asia, Africa, Latin America, and Europe. A collaborative history of Global Switzerland c. 1830–1900 |
| <b>Schneider</b>      | Christoph       | Eccellenza Grant                   | Universität Zürich                         | Immunology, Immunopathology                     | Tuft cells and IL-4Ra: unravelling new and old players in worm-induced adaptive tissue remodelling   |
| <b>Schramm</b>        | Steven Randolph | Eccellenza Professorial Fellowship | Université de Genève                       | Particle Physics                                | Turning noise into data: a discovery strategy for new weakly-interacting physics   |
| <b>Schürch</b>        | Christian       | Eccellenza Professorial Fellowship | Universität Bern                           | Experimental Cancer Research                    | Illuminating Cancer Immunotherapy Response Mechanisms by Highly Multiplexed Tumor Imaging  |
| <b>Sheldrake</b>      | Thomas          | Eccellenza Professorial Fellowship | Université de Genève                       | Geochemistry                                    | Geochemical imprint of volcanism in corals - GEOVOLCO  |
| <b>Stoffer</b>        | Peter           | Eccellenza Professorial Fellowship | Universität Zürich                         | Theoretical Physics                             | Effective Field Theories at the Precision Frontier   |
| <b>Suter</b>          | Michael         | Eccellenza Professorial Fellowship | Inst. de Hautes Etudes Internat. et du Dév | General history (without pre-and early history) | Decolonizing the Psyche: The Politics of Ethnopsychology, 1930–1980  |
| <b>Tagliabue</b>      | Giulia          | Eccellenza Grant                   | EPF Lausanne                               | Other disciplines of Engineering Sciences       | Nanophotonic Control of Charge- and Ion-transport for Advancing Light-energy Storage Devices   |
| <b>Thalmayer</b>      | Amber Gayle     | Eccellenza Professorial Fellowship | Universität Zürich                         | Psychology                                      | Universal versus culturally-specific aspects of personality and mental health  |
| <b>Timper</b>         | Katharina       | Eccellenza Professorial Fellowship | Universität Basel                          | Endocrinology                                   | Astrocytes – uncovering novel targets in the central regulation of energy and glucose metabolism   |
| <b>Vokinger</b>       | Kerstin Noëlle  | Eccellenza Grant                   | Universität Zürich                         | Legal sciences                                  | Improving Access to Cancer Drugs - A Regulatory and Empirical Analysis   |

|                       |                |                                    |                    |                           |   |
|-----------------------|----------------|------------------------------------|--------------------|---------------------------|---|
| <b>von Rohr</b>       | Fabian         | Eccellenza Professorial Fellowship | Universität Zürich | Inorganic Chemistry       | Discovery of Topological Superconductivity by Combining Physical and Chemical Design Principles |
| <b>Vonaesch</b>       | Pascale        | Eccellenza Professorial Fellowship | Universität Basel  | Experimental Microbiology | Dynamics and consequences of nutrition-related microbial dysbiosis in early life                |
| <b>Zambrano Ramos</b> | Sofia Carolina | Eccellenza Professorial Fellowship | Universität Bern   | Health                    | The risks and benefits of integrating emotions in end of life communication                     |
| <b>Züst</b>           | Tobias         | Eccellenza Professorial Fellowship | Universität Zürich | Ecology                   | Evolutionary consequences of novel plant defences   |

### Eccellenza 2019: 2nd call (45 awards)

| Name             | First Name | Type                               | Research institution | Discipline                                 | Project Titel   |
|------------------|------------|------------------------------------|----------------------|--|---|
| <b>Adamek</b>    | Julian     | Eccellenza Professorial Fellowship | Universität Zürich   | Theoretical Physics                        | General Relativistic N-body Simulations for Cosmology   |
| <b>Arnold</b>    | Isabelle   | Eccellenza Professorial Fellowship | Universität Zürich   | Immunology, Immunopathology                | Investigating and exploiting the anti-tumor properties of eosinophils in colorectal cancer                        |
| <b>Bally</b>     | Lia        | Eccellenza Grant                   | Universität Bern     | Clinical Endocrinology                     | DEciphering the Enigma of Postprandial Hyperinsulinaemic Hypoglycaemia after Bariatric Surgery (The DEEP Project) |
| <b>Barberon</b>  | Marie      | Eccellenza Grant                   | Université de Genève | Embryology, Developmental Biology          | Dynamics and plasticity of carrier-mediated nutrient transport in roots   |
| <b>Bar-Nur</b>   | Ori        | Eccellenza Grant                   | ETH Zürich           | Cellular Biology, Cytology                 | Development of novel stem cell-based models to study myogenesis   |
| <b>Becattini</b> | Simone     | Eccellenza Professorial Fellowship | Université de Genève | Immunology, Immunopathology                | Harnessing the interactions between gut microbiota and immune system  |
| <b>Bouvel</b>    | Mathilde   | Eccellenza Professorial Fellowship | Universität Zürich   | Mathematics                                | Enumeration and limit shapes for pattern-avoiding permutations and related combinatorial objects                  |
| <b>Carron</b>    | Julien     | Eccellenza Professorial Fellowship | Université de Genève | Theoretical Physics                        | New methods for next-generation CMB lensing   |
| <b>Cegla</b>     | Heather    | Eccellenza Professorial Fellowship | Université de Genève | Astronomy, Astrophysics and Space Sciences | A Pathway to the Confirmation and Characterisation of Habitable Alien Worlds                                      |

| Name               | First Name | Type                               | Research institution    | Discipline                         | Project Titel   |
|--------------------|------------|------------------------------------|-------------------------|------------------------------------|---|
| <b>Chappatte</b>   | André      | Eccellenza Professorial Fellowship | Université de Genève    | Ethnology                          | The contemporary expansion of Corporate Islam in rural West Africa  |
| <b>Dan-Glauser</b> | Elise      | Eccellenza Professorial Fellowship | Université de Lausanne  | Psychology                         | Impact of individual differences on the emotional emergence, as well as on the selection, implementation, and efficiency of emotion regulation strategies |
| <b>De Cosa</b>     | Annapaola  | Eccellenza Professorial Fellowship | ETH Zürich              | Particle Physics                   | Unveiling Dark Matter in a Hidden Valley at particle colliders  |
| <b>Engelke</b>     | Sebastian  | Eccellenza Grant                   | Université de Genève    | Mathematics                        | Graph structures, sparsity and high-dimensional inference for extremes  |
| <b>Farine</b>      | Damien     | Eccellenza Professorial Fellowship | Universität Zürich      | Ecology                            | The building blocks of complex animal societies   |
| <b>Feuerriegel</b> | Stefan     | Eccellenza Grant                   | ETH Zürich              | Science of management              | Data-driven health management   |
| <b>Franke</b>      | Felix      | Eccellenza Professorial Fellowship | Universität Basel       | Neurophysiology and Brain Research | Understanding early visual processing in the context of eye-movement control  |
| <b>Garzia</b>      | Diego      | Eccellenza Professorial Fellowship | Université de Lausanne  | Political science                  | The Rise of Negative Voting   |
| <b>Greljo</b>      | Admir      | Eccellenza Professorial Fellowship | Universität Bern        | Theoretical Physics                | Flavour Physics at the High Energy Frontier   |
| <b>Gruber</b>      | Thibaud    | Eccellenza Professorial Fellowship | Université de Genève    | Psychology                         | Why do we use tools? Investigating the drivers of tool use in non-humans and humans   |
| <b>Hondele</b>     | Maria      | Eccellenza Professorial Fellowship | Université de Genève    | Molecular Biology                  | The role of DEAD-box ATPases in the regulation of membraneless RNA organelles and spatio-temporal control of gene expression.                             |
| <b>Hufendiek</b>   | Rebekka    | Eccellenza Professorial Fellowship | Universität Bern        | Philosophy                         | Explaining Human Nature. Empirical and Ideological Dimensions   |
| <b>Katayev</b>     | Dmitry     | Eccellenza Professorial Fellowship | Université de Fribourg  | Organic Chemistry                  | Development of a New Generation of Easy Accessible and Stable Reagents for Functional Group Transfer Reactions  |
| <b>Koops</b>       | Kathelijne | Eccellenza Professorial Fellowship | Universität Zürich      | Anthropology, Primatology          | Phylogenetic and Ontogenetic Origins of Ape Material Culture  |
| <b>Mazzarella</b>  | Diana      | Eccellenza Grant                   | Université de Neuchâtel | Applied linguistics                | Pragmatics meets epistemic vigilance: Explaining the development of irony comprehension   |

| Name                   | First Name     | Type                               | Research institution    | Discipline                                  | Project Titel   |
|------------------------|----------------|------------------------------------|-------------------------|---|---|
| <b>Mintchev</b>        | Stefano        | Eccellenza Professorial Fellowship | ETH Zürich              | Other disciplines of Engineering Sciences   | CYbER - CanopY Exploration Robots   |
| <b>Mitrano</b>         | Denise         | Eccellenza Professorial Fellowship | ETH Zürich              | Other disciplines of Environmental Sciences | Synthesis and utility of metal-doped plastic particles and fibers: from analytical standardization to systematic understanding of fate in the environment (SURPASS) |
| <b>Monni</b>           | Pier Francesco | Eccellenza Professorial Fellowship | Universität Bern        | Theoretical Physics                         | Multiscale cross sections for Higgs precision physics   |
| <b>Moran</b>           | Steven         | Eccellenza Professorial Fellowship | Université de Neuchâtel | Other languages and literature              | Evolution of phonetics and phonology (EVOPHON)  |
| <b>Müller</b>          | Sean           | Eccellenza Professorial Fellowship | Université de Lausanne  | Political science                           | The Rise of the Sub: Territorial challenges of nation-state sovereignty in Europe and North-America   |
| <b>Neurohr</b>         | Gabriel        | Eccellenza Professorial Fellowship | ETH Zürich              | Cellular Biology, Cytology                  | The impact of cell size on cell function in physiology and aging  |
| <b>Ocampo</b>          | Alejandro      | Eccellenza Grant                   | Université de Lausanne  | Cellular Biology, Cytology                  | Epigenetic reprogramming of cellular ageing   |
| <b>Osterwalder</b>     | Marco          | Eccellenza Professorial Fellowship | Universität Bern        | Embryology, Developmental Biology           | Regulatory dynamics of heart formation and in vivo cardiac reprogramming  |
| <b>Payer</b>           | Mathias        | Eccellenza Grant                   | EPF Lausanne            | Information Technology                      | Software Security through Multi-dimensional, Input-guided Sanitization  |
| <b>Rimmele</b>         | Ulrike         | Eccellenza Professorial Fellowship | Université de Genève    | Psychology                                  | How emotion, stress and their regulation shape and alter episodic memories across the life span   |
| <b>Rivera Fuentes</b>  | Pablo Marcelo  | Eccellenza Grant                   | EPF Lausanne            | Organic Chemistry                           | Chemical probes to control redox biology with subcellular precision   |
| <b>Ruiz-Villanueva</b> | Virginia       | Eccellenza Professorial Fellowship | Université de Lausanne  | Geomorphology                               | Towards a new understanding of fluvial ecosystems: integrating wood regime across multiple scales   |
| <b>Saab</b>            | Aiman          | Eccellenza Professorial Fellowship | Universität Zürich      | Neurophysiology and Brain Research          | Homeostatic control and dysfunctions of axon-oligodendrocyte coupling   |



| Name              | First Name | Type                               | Research institution   | Discipline                     | Project Titel  |
|-------------------|------------|------------------------------------|------------------------|--------------------------------|--|
| <b>Sarracanie</b> | Mathieu    | Eccellenza Professorial Fellowship | Universität Basel      | Other disciplines of Physics   | Acute Stroke MRI Exploiting the Physics of Low-field Regimes   |
| <b>Schlaepfer</b> | Aline      | Eccellenza Professorial Fellowship | Universität Basel      | Other languages and literature | The Ottoman afterlife in Jordan and Iraq. Politics of Remembering and Forgetting in New Arab Nation-States (1920-1958) |
| <b>Schmidt</b>    | Stefanie   | Eccellenza Grant                   | Universität Bern       | Psychology                     | Understanding emerging psychopathology in adolescence: Towards a transdiagnostic indicated prevention approach         |
| <b>Silvestro</b>  | Daniele    | Eccellenza Professorial Fellowship | Université de Fribourg | Paleontology (biol.)           | New methods to infer population dynamics from the fossil record  |
| <b>Taieb</b>      | Hamid      | Eccellenza Professorial Fellowship | Université de Genève   | Philosophy                     | A Sensible World. The Problem of Secondary Qualities in and Around the School of Brentano                              |
| <b>Trutnevyte</b> | Evelina    | Eccellenza Grant                   | Université de Genève   | Science of management          | Accuracy of long-range national energy projections (ACCURACY)  |
| <b>Ulrich</b>     | Yuko       | Eccellenza Professorial Fellowship | Université de Lausanne | Ecology                        | Experimental Epidemiology in Ant Societies   |
| <b>Vjestica</b>   | Aleksandar | Eccellenza Professorial Fellowship | Université de Lausanne | Genetics                       | Regulation of re-fertilization blocks and zygotic gene expression in fission yeast                                     |

### Eccellenza 2018: 1st call (51 awards)

| Name          | First Name | Type             | Research institution | Discipline                  | Project Titel  |
|---------------|------------|------------------|----------------------|-----------------------------|--|
| <b>Ammann</b> | Sonja      | Eccellenza Grant | Universität Basel    | Religious studies, Theology | Transforming Memories of Collective Violence in the Hebrew Bible |

| Name               | First Name | Type                               | Research institution | Discipline                                  | Project Titel   |
|--------------------|------------|------------------------------------|----------------------|---|---|
| <b>Bastings</b>    | Maartje    | Eccellenza Grant                   | EPF Lausanne         | Other disciplines of Engineering Sciences   | QUANTIFYING COMPLEX MULTIVALENCY THROUGH PRECISION ENGINEERING  |
| <b>Burger</b>      | Kaspar     | Eccellenza Professorial Fellowship | Universität Zürich   | Educational science and Pedagogy            | Understanding social gradients in education: A psycho-social-ecological framework   |
| <b>Calosi</b>      | Claudio    | Eccellenza Professorial Fellowship | Université de Genève | Philosophy                                  | The Metaphysics of Quantum Objects  |
| <b>Caminada</b>    | Lea        | Eccellenza Professorial Fellowship | Universität Zürich   | Particle Physics                            | Probing the Higgs Coupling to Charm Quarks at the Large Hadron Collider   |
| <b>Casaburi</b>    | Lorenzo    | Eccellenza Grant                   | Universität Zürich   | Economics                                   | Improving Market Access for Small Farmers: Evidence from East Africa  |
| <b>Castets</b>     | Perrine    | Eccellenza Professorial Fellowship | Université de Genève | Molecular Biology                           | Physiology of neuromuscular junctions: Mechanisms underlying the maintenance and plasticity of synaptic structures in skeletal muscle                           |
| <b>Coppin</b>      | Géraldine  | Eccellenza Grant                   | Université Distance  | Psychology                                  | The impact of altered cognitive and affective abilities on food intake and obesity: An online health intervention   |
| <b>Corman</b>      | Francesco  | Eccellenza Grant                   | ETH Zürich           | Civil Engineering                           | DADA - Dynamic data driven Approaches for stochastic Delay propagation Avoidance in railways  |
| <b>Cova</b>        | Florian    | Eccellenza Professorial Fellowship | Université de Genève | Philosophy                                  | Eudaimonic emotions and the (meta)philosophy of well-being  |
| <b>El-Boustani</b> | Sami       | Eccellenza Professorial Fellowship | Université de Genève | Neurophysiology and Brain Research          | Brain circuit dissection of context-dependent multisensory integration  |
| <b>Feller</b>      | Peter      | Eccellenza Professorial Fellowship | ETH Zürich           | Mathematics                                 | Low-dimensional topology with a view toward the fourth dimension and complex geometry   |
| <b>Flannery</b>    | Mary       | Eccellenza Professorial Fellowship | Universität Bern     | German and English languages and literature | Canonicity, Obscurity, and the Making of Modern Chaucer (COMMode): An Investigation of the Transmission and Audiences of The Canterbury Tales from 1700 to 2020 |
| <b>Fleury</b>      | Romain     | Eccellenza Grant                   | EPF Lausanne         | Electrical Engineering                      | Ultra-compact wave devices based on deep subwavelength spatially dispersive effects   |
| <b>Freund</b>      | Patrick    | Eccellenza Professorial Fellowship | Universität Zürich   | Neurology, Psychiatry                       | Interactions between spinal cord and brain during impaired sensorimotor information flow after cervical spinal cord injury                                      |
| <b>Gaume</b>       | Johan      | Eccellenza Professorial Fellowship | EPF Lausanne         | Other disciplines of Environmental Sciences | Unified modeling of snow and avalanche mechanics using the material point method  |

| Name                           | First Name     | Type                               | Research institution    | Discipline                                  | Project Titel  |
|--------------------------------|----------------|------------------------------------|-------------------------|---|--|
| <b>Greber</b>                  | Nicolas        | Eccellenza Professorial Fellowship | Universität Bern        | Geochemistry                                | Tracing the emergence and evolution of Earth's continental crust with immobile elements and isotopes   |
| <b>Heidt</b>                   | Alexander      | Eccellenza Professorial Fellowship | Universität Bern        | Other disciplines of Physics                | Advancing photonics for ultrafast science and technology   |
| <b>Herrmann</b>                | Inge           | Eccellenza Professorial Fellowship | ETH Zürich              | Material Sciences                           | Integrative Engineering of Metal Oxide Nanohybrid-based Surgical Adhesives: From Particle Design to Performance Assessment by Multiscale Analytics |
| <b>Hoferichter</b>             | Martin         | Eccellenza Professorial Fellowship | Universität Bern        | Theoretical Physics                         | Strong-Interaction Effects in the Search for Physics beyond the Standard Model   |
| <b>Kurth</b>                   | Salomé         | Eccellenza Professorial Fellowship | Université de Fribourg  | Psychology                                  | Development of sleep regulation – a window of opportunity for fostering healthy development  |
| <b>Labhardt</b>                | Niklaus        | Eccellenza Professorial Fellowship | Universität Basel       | Tropical Medicine                           | Evidence-based Differentiated Care for HIV in South-Eastern Africa: Shaping the post 2020 agenda   |
| <b>Leemann</b>                 | Adrian         | Eccellenza Professorial Fellowship | Universität Bern        | German and English languages and literature | Language Variation and Change in German-speaking Switzerland: 1950 vs. 2020  |
| <b>Levy</b>                    | Mélanie        | Eccellenza Professorial Fellowship | Université de Neuchâtel | Legal sciences                              | The Increasing Weight of Regulation: The Role(s) of Law as a Public Health Tool in the Prevention State  |
| <b>Malaspinas</b>              | Anna Sapfo     | Eccellenza Grant                   | Université de Lausanne  | Genetics                                    | Ancient seafaring: a palaeogenomic exploration   |
| <b>Martinez-Lonzano Sinués</b> | Pablo          | Eccellenza Grant                   | Universität Basel       | Biomedical Engineering                      | Individualized Drug Dosage Guided by Breath Analysis   |
| <b>Massa</b>                   | Francesco      | Eccellenza Professorial Fellowship | Université de Fribourg  | Ancient history and Classical studies       | LES COMPÉTITIONS RELIGIEUSES DANS L'ANTIQUITÉ TARDIVE : un laboratoire de nouvelles catégories, taxinomies et méthodes.                            |
| <b>Meister</b>                 | Jan Bernhard   | Eccellenza Professorial Fellowship | Universität Bern        | Ancient history and Classical studies       | Herrscherkörper in den Monarchien der Spätantike und des frühen Mittelalters   |
| <b>Meyer</b>                   | Sara Christina | Eccellenza Professorial Fellowship | Universität Basel       | Experimental Cancer Research                | Characterization of resistance to tyrosine kinase inhibition as a basis for novel therapeutic approaches in myeloid malignancies                   |
| <b>Mitri</b>                   | Sara           | Eccellenza Grant                   | Université de Lausanne  | Experimental Microbiology                   | Controlling species embedded within a small microbial community  |
| <b>Moor</b>                    | Andreas        | Eccellenza Professorial Fellowship | Universität Zürich      | Experimental Cancer Research                | Functional consequences of single cell heterogeneity in cancer pathophysiology   |

| Name              | First Name | Type                               | Research institution   | Discipline                                      | Project Titel  |
|-------------------|------------|------------------------------------|------------------------|---|--|
| <b>Mullon</b>     | Charles    | Eccellenza Professorial Fellowship | Universität Bern       | Ecology   | The Role of Eco-Evolutionary Dynamics and Genomic Evolution in Trait Variation                                 |
| <b>Nax</b>        | Heinrich   | Eccellenza Professorial Fellowship | Universität Zürich     | Sociology                                       | Markets and Norms  |
| <b>Nichele</b>    | Fabrizio   | Eccellenza Professorial Fellowship | Universität Basel      | Condensed Matter Physics                        | Topological States in Lateral Josephson Junctions  |
| <b>Prsa</b>       | Mario      | Eccellenza Professorial Fellowship | Université de Fribourg | Neurophysiology and Brain Research              | Dissecting Neural Mechanisms of Motor Learning in the Cerebellum with Optical Techniques                       |
| <b>Ramdyia</b>    | Pavan      | Eccellenza Grant                   | EPF Lausanne           | Neurophysiology and Brain Research              | Reverse-engineering and digital reconstruction of a limb control circuit                                       |
| <b>Reuter</b>     | Kevin      | Eccellenza Professorial Fellowship | Universität Zürich     | Philosophy                                      | Dual-Character Concepts: Bridging the Descriptive and the Normative  |
| <b>Robinson</b>   | Matthew    | Eccellenza Grant                   | Université de Lausanne | Methods of Epidemiology and Preventive Medicine | Improving estimation and prediction of common complex disease risk   |
| <b>Saffirio</b>   | Chiara     | Eccellenza Professorial Fellowship | Universität Basel      | Mathematics                                     | From Newton and Schrödinger many-body dynamics to the Boltzmann equation                                       |
| <b>Schmidt</b>    | Mirko      | Eccellenza Grant                   | Universität Bern       | Applied psychology                              | School-based physical activity and children's cognitive functioning: The quest for theory-driven interventions |
| <b>Schneider</b>  | Aurel      | Eccellenza Professorial Fellowship | Universität Zürich     | Astronomy, Astrophysics and Space Sciences      | Gravitational Probes of Dark Matter  |
| <b>Soyk</b>       | Sebastian  | Eccellenza Professorial Fellowship | Université de Lausanne | Genetics  | The effects of genotypic context and epistasis on stem cell differentiation in tomato                          |
| <b>Stocker</b>    | Benjamin   | Eccellenza Professorial Fellowship | ETH Zürich             | Other disciplines of Environmental Sciences     | next-generation Modelling of the biosphere - Including New Data streams and optimality approaches              |
| <b>Stoeber</b>    | Miriam     | Eccellenza Professorial Fellowship | Université de Genève   | Cellular Biology, Cytology                      | Mechanisms Underlying Subcellular Location Bias of Opioid Receptor Signaling                                   |
| <b>Stroeymeyt</b> | Nathalie   | Eccellenza Professorial Fellowship | Université de Fribourg | Zoology   | Disease Risk and Immune Strategies in Social Insects   |
| <b>Theiler</b>    | Christian  | Eccellenza Grant                   | EPF Lausanne           | Plasma Physics                                  | Alternative divertors for improved tokamak operation   |

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|--------------------|------------|------------------------------------|------------------------|--|---|
| <b>Towbin</b>      | Benjamin   | Eccellenza Professorial Fellowship | Universität Bern       | Molecular Biology                          | Design principles in the environmental control of growth and aging                    |
| <b>Van Boeckel</b> | Thomas     | Eccellenza Professorial Fellowship | ETH Zürich             | Public Health and Health Services          | Global Policies for Antimicrobial Resistance in Animals                               |
| <b>van Leeuwen</b> | Jolanda    | Eccellenza Grant                   | Université de Lausanne | Genetics                                   | Systematic assessment of genetic suppression interactions                             |
| <b>Vergauwe</b>    | Evie       | Eccellenza Professorial Fellowship | Université de Genève   | Psychology                                 | Paying attention to remember: Insights from Behavior, Brain, Development and Disorder |
| <b>Wampfler</b>    | Susanne    | Eccellenza Professorial Fellowship | Universität Bern       | Astronomy, Astrophysics and Space Sciences | Isotope astrochemistry: linking star formation with the solar system record           |