

**ERC Consolidator Grants 2021**  
**List of Principal Investigators selected for funding from the reserve list**

Only for Principal Investigators whose Host Institutions are established in Switzerland:

Following the termination of the exploratory talks, Switzerland is considered a non-associated third country. As a result, Host Institutions established in Switzerland are not eligible for funding. Exceptionally for this call, since it was already closed before the termination of the negotiations, the proposals submitted with Swiss Host Institutions and which have been selected for funding may remain eligible provided that their Host Institution is replaced with a legal entity established in an eligible country.

Only for Principal Investigators whose Host Institutions are established in a candidate associated country:

As described in Annex 3 of the ERC Work Programme 2021, successful applicants established in a country in the process of associating to Horizon Europe will not be treated as established in an associated country if the association agreement does not apply by the time of the signature of the grant agreement.

Last name	First name	Host Institution Local name	Host Institution Name	Host country	Acronym	Title	Panel
DONNER	Tobias	Eidgenössische Technische Hochschule Zürich	Swiss Federal Institute of Technology Zurich (ETH Zurich)	CH	CASCOFEM	Cavity QED with Strongly Correlated Fermionic Matter	PE2
KUHN	Jonas	Universität Bern	University of Bern	CH	RACE-GO	Rapid Active Coronagraphy of Exoplanets from a Ground Observatory	PE9
BARABAN	Larysa	Helmholtz-Zentrum Dresden- Rossendorf e.V.	Helmholtz-Zentrum Dresden- Rossendorf	DE	ImmunoChip	Nano-assisted digitalizing of cancer phenotyping for immunotherapy	PE7
DING	Fei	Leibniz Universität Hannover	University of Hannover	DE	MiNet	Large-scale multipartite entanglement on a quantum metrology network	PE7
DUHR	Claude	Rheinische Friedrich Wilhelms- Universität Bonn	University of Bonn	DE	LoCoMotive	Loop Corrections from the Theory of Motives	PE2
FAUST	Sebastian	Technische Universität Darmstadt	Technical University of Darmstadt	DE	CRYPTOLAYER	Cryptography for Second Layer Blockchain Protocols	PE6
JENTZEN	Arnulf	Westfälische Wilhelms- Universität Münster	University of Munster	DE	MONTECARLO	Overcoming the curse of dimensionality through nonlinear stochastic algorithms	PE1
MARTIUS	Georg	Max-Planck- Gesellschaft zur Förderung der Wissenschaften e.V.	Max Planck Society	DE	REAL-RL	Model-based Reinforcement Learning for Versatile Robots in the Real World	PE6
POMONI	Elli	Stiftung Deutsches Elektronen- Synchrotron	DESY	DE	BrokenSymmetries	Exact Results from Broken Symmetries	PE2
FELIU	Elisenda	Københavns Universitet	University of Copenhagen	DK	POSALG	Signs, polynomials, and reaction networks	PE1
PLANK	Barbara	IT-Universitet i København	IT University of Copenhagen	DK	DIALECT	Natural Language Understanding for non-standard languages and dialects	PE6

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RISI	Sebastian	IT-Universitet i København	IT University of Copenhagen	DK	ANIMAL-AI	Machines Capable of Rapid Learning in Unknown Environment	PE6
ALONSO GONZALEZ	Pablo	Universidad de Oviedo	University of Oviedo	ES	TWISTOPTICS	Twistoptics: Manipulating Light- Matter Interactions at the Nanoscale with Twisted van der Waals Materials	PE3
NOAILLY	Jerome	Universitat Pompeu Fabra	Pompeu Fabra University	ES	O-Health	Scalable systems modelling to simulate body-level interplays among non-communicable diseases	PE8
CHARALAMBO US	Themistoklis	Aalto-yliopisto	Aalto University	FI	MINERVA	Emerging cooperative autonomous systems: Information for control and estimation	PE7
PRIIMAGI	Arri	Tampereen Korkeakoulusaatio Sr	Tampere University	FI	MULTIMODAL	Multimodal Sensory-Motorized Material Systems	PE11
ERRARD	Josquin	Centre National de la Recherche Scientifique (CNRS)	National Center for Scientific Research (CNRS)	FR	SCIPOL	Science from the large scale cosmic microwave background polarization structure	PE9
JENSEN	Malene	Centre National de la Recherche Scientifique (CNRS)	National Center for Scientific Research (CNRS)	FR	ComplexScaffold	Molecular mechanisms of large intrinsically disordered scaffold proteins in cell signalling	PE4
LANZILLOTTI KIMURA	Norberto Daniel	Centre National de la Recherche Scientifique (CNRS)	National Center for Scientific Research (CNRS)	FR	T-Recs	Tunable and Reconfigurable Nanoacoustics	PE3
QUANTIN- NATAF	Cathy	Université Lyon 1 Claude Bernard	University Claude Bernard Lyon 1	FR	OCEANID	The quest for oceanic sediments within the Ancient Martian sedimentary record	PE10
SOULAINE	Cyprien	Centre National de la Recherche Scientifique (CNRS)	National Center for Scientific Research (CNRS)	FR	COCONUT	Colloidal control of multi-phase flow in geological porous media	PE8
NATALIO	Filipe	Weizmann Institute of Science	Weizmann Institute of Science	IL	BIOMATFAB	Biological fabrication of cotton fibers with tailored properties	PE5

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BIHS	Hans	Norges teknisk-naturvitenskapelige universitet Trondheim	Norwegian University of Science and Technology Trondheim	NO	Partres	Particle Resolving Fluid-Sediment Interaction	PE8
ELLINGSEN	Simen Andreas Ådnøy	Norges teknisk-naturvitenskapelige universitet Trondheim	Norwegian University of Science and Technology Trondheim	NO	WaTurSheD	Small Flows with Big Consequences: Wave-, Turbulence- and Shear current-Driven mixing under a water surface	PE8
PINKOWICZ	Dawid	Uniwersytet Jagiellonski	Jagiellonian University, Krakow	PL	LUX-INVENTA	Bringing molecular photomagnets to light - achieving magnets through visible light excitation at room temperature	PE5
TAVAKOLI	Mahmoud	Universidade de Coimbra	University of Coimbra	PT	Liquid3D	3D Printed, Bioinspired, Soft-Matter Electronics based on Liquid Metal Composites: Eco-Friendly, Resilient, Recyclable, and Repairable	PE11
TIMAR-GABOR	Alida	Universitatea Babeş-Bolyai	Babes-Bolyai University	RO	PROGRESS	Reading provenance from ubiquitous quartz: understanding the changes occurring in its lattice defects in its journey in time and space by physical methods	PE10
GAO	Feng	Linköping Universitet	Linköping University	SE	LEAP	Electrically Pumped Perovskite Lasers	PE11
YUAN	Jiayin	Stockholms universitet	Stockholm University	SE	PARIS	Porous poly(ionic liquid)s for CO2 capture and simultaneous conversion under ambient conditions	PE5
DICKSON	Alexander	Royal Holloway and Bedford New College	Royal Holloway and Bedford New College	UK	DISTILL	Disentangling the role of organic feedbacks on the global carbon cycle	PE10
HALSE	Meghan	University of York	University of York	UK	HYPERSOL	Hyperpolarised portable NMR for targeted analytical solutions beyond the laboratory	PE4
JOACHIMI	Benjamin	University College London	University College London	UK	GrowInTheDark	Unveiling the growth of structure in the Dark Universe	PE9

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PENFOLD	Thomas	Newcastle University	Newcastle University	UK	XNET	Deep Neural Networks for Real- Time Spectroscopic Analysis	PE4