

ERC Consolidator Grants 2022

List of Principal Investigators invited for funding from the reserve list

All domains

The final list of successful candidates are provisional. The Trade and Cooperation Agreement between the European Union and the United Kingdom allows for associating the UK to the current EU research and innovation funding programme, Horizon Europe, subject to the adoption of a Protocol. As this Protocol has not been adopted so far, the UK is still considered "non-associated" to Horizon Europe. Therefore, the successful proposals of applicants based in a country in the process of associating to Horizon Europe will be eligible for funding only if the relevant Horizon Europe association agreement applies by the time of the signature of the grant agreement. However, successful applicants from UK host institutions can still be funded, provided that they move to a host institution in an eligible country.

Last name	First name	Host Institution local name	Host Institution name	Host Country	Acronym	Title	Panel
Pfrengele	Fabian	Universität für Bodenkultur Wien	University of Natural Resources and Life Sciences	AT	ASAP	Automated Synthesis of Algal Polysaccharides	PE5
Alsteens	David	Université catholique de Louvain	Catholic University of Louvain	BE	SingViroPhys	Deciphering the nanobiophysics of virus-host interactions in 3D cellular systems	PE4
Breugelmans	Tom	Universiteit Antwerpen	University of Antwerp	BE	TRANSCEND	In-depth understanding of multiphase mass transfer in CO ₂ electrolyzers through application of engineered, ordered reactor components	PE8
Van De Cruys	Tim	KU Leuven	KU Leuven	BE	TENACITY	Tensors and Neural Networks for Computational Creativity	SH4
Bulava	John	Stiftung Deutsches Elektronen-Synchrotron	DESY	DE	StrangeScatt	Strange nuclear matter from first-principles hadron scattering amplitudes	PE2
Denkinger	Claudia	Universitätsklinikum Heidelberg	University Hospital Heidelberg	DE	FIND-TB	Development and Validation of 'findtb', A Novel Digital Tool for Tuberculosis Triage in Children - Using Innovative Methodologies and an Interdisciplinary Approach	LS7
Ermolaeva	Maria	Leibniz-Institut für Alternsforschung - Fritz-Lipmann-Institut e.V	Leibniz Institute on Aging - Fritz Lipmann Institute	DE	LifeLongFit	Late life-applicable enhancement of longevity and fitness.	LS4

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Esser	Birgit	Universität Ulm	Ulm University	DE	NanOBatt	Nanoporous and redox-active hoops and macrocycles as organic electrode materials for batteries	PE5
Gutjahr	Caroline	Technische Universität München	Technical University of Munich	DE	SymbioticExchange	Molecular exchange at the plant-fungal interface in arbuscular mycorrhiza symbiosis	LS9
Herwartz	Daniel	Universität Zu Köln	University of Cologne	DE	KinO	The kinetic oxygen cycle in chemical sediments	PE10
Kesternich	Iris	Universität Hamburg	University of Hamburg	DE	MORETHANMONEY	Nonwage attributes, gender, and the future of work	SH1
Reineke	Sebastian	Technische Universität Dresden	Technical University of Dresden	DE	SLOWTONICS	Slow excitonics for minimalistic and sustainable photonic and optoelectronic systems	PE7
Reutlinger	Alexander	Ludwig-Maximilians-Universität München	University of Munich (LMU)	DE	SCISKEP	Debunking Strategic Science Skepticism. How Science Skeptics Abuse Evidence, Expertise, and Freedom	SH4
Soekadar	Surjo	Charité - Universitätsmedizin Berlin	Charité - University Hospital	DE	BNCI2	Bidirectional Brain/Neural-Computer Interaction for Restoration of Mental Health	SH4
Tschurenev	Jana	Freie Universität Berlin	Free University of Berlin	DE	DEMfam	Democratising the Family? Gender Equality, Parental Rights, and Child Welfare in Contemporary Global History	SH6

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Martin	Jaime	Universidade da Coruña	University of A Coruña	ES	PARACRYST	The Semi-paracrystalline Organization in Polymers: Towards Stable Organic Solar Cells	PE11
Martinez Sanz	Marta	Agencia Estatal Consejo Superior de Investigaciones Científicas	Spanish National Research Council (CSIC)	ES	PRODIGEST	Nanostructure formation during food protein digestion and influence on intestinal transport	LS9
Ponrouch	Alexandre	Agencia Estatal Consejo Superior de Investigaciones Científicas	Spanish National Research Council (CSIC)	ES	MULTIMETALBAT	Multi-metal anode: Towards safe and energy dense batteries	PE8
Ranson	Adam	Universitat Autònoma de Barcelona	Autonomous University of Barcelona	ES	DREAMNET	Mechanisms and purpose of top-down neural activity generation across conscious states	LS5
Stefanon	Mauro	Universitat de València	University of Valencia	ES	SFEER	JWST Breakthrough in Galaxy Formation: Mass Build-up Efficiency at Cosmic Dawn	PE9
Vanhatalo	Jarno	Helsingin yliopisto	University of Helsinki	FI	BEFPREDICT	Predictive Understanding of the effects of Global Change on Ecological Communities and Ecosystem Functions	LS8
Dalmonte	Marcello	United Nations Educational, Scientific and Cultural Organization - UNESCO	UNESCO	FR	WaveNets	Wave-function Networks: Probe and understand quantum many-body systems via network and complexity theory	PE2
Goujon	Caroline	Institut national de la santé et de la recherche médicale	National Institute of Health and Medical Research (INSERM)	FR	InVIRium	Investigating Virus-Host Interplay in Human Primary Models of Genetically Modified Respiratory Epithelium	LS6

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Mivelle	Mathieu	Centre National de la Recherche Scientifique (CNRS)	National Center for Scientific Research (CNRS)	FR	FemtoMagnet	Manipulating magnetic domains through femtosecond pulses of magnetic field	PE7
Murdoch	Naomi	Institut Supérieur de l'Aéronautique et de l'Espace	ISAE-SUPAERO	FR	GRAVITE	Geotechnical Research for spAce enVironments using an Innovative Tower Experiment	PE10
Padoy	Nicolas	Université de Strasbourg	University of Strasbourg	FR	CompSURG	Computational Methods to Analyse Intra-operative Adverse Events in Surgery at Scale	PE6
Pont Boulay	Anne Valerie	Sorbonne Université	Sorbonne University	FR	PECUNIA	Private interests in public functions: Framing a new paradigm of power in the cities of the Roman Empire, from the end of the Republic to Diocletian	SH6
Puissant	Alexandre	Institut national de la santé et de la recherche médicale	National Institute of Health and Medical Research (INSERM)	FR	DynAML	Elucidating the Spatial and Temporal Dynamics of Acute Myeloid Leukemia Progression Using Functional Omics and High-Throughput In Vivo Screening	LS4
Semon	Marie	Ecole normale supérieure de Lyon	ENS (Lyon)	FR	PLEIOTROPY	Evaluating how pleiotropy influences genetic and developmental evolution by using rodent teeth	LS8
Cardiff	Philip	University College Dublin	University College Dublin	IE	XenoSim	Providing Computational Insights into Cardiac Xenotransplantation	PE8

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Gracia	Pablo	Trinity College Dublin	Trinity College Dublin	IE	DIGINEQ	Digital Time Use, Adolescent Well-Being and Social Inequalities	SH3
Benish-Weisman	Maya	The Hebrew University of Jerusalem	The Hebrew University of Jerusalem	IL	BeValue	From Behavior to Values: An Unexplored Process of Personal Value Development	SH3
Brakerski	Zvika	Weizmann Institute of Science	Weizmann Institute of Science	IL	ACQUA	Advanced Cryptography for the Quantum Age	PE6
Parnas	Moshe	Tel Aviv University	Tel Aviv University	IL	GPCR Volt Dep Role	Unravelling the Physiological Roles of GPCR Voltage Dependence	LS5
Schlank	Tomer	The Hebrew University of Jerusalem	The Hebrew University of Jerusalem	IL	AlgChrom	Chromatic Algebraic Geometry	PE1
Gaspari	Massimo	Istituto Nazionale di Astrofisica	National Institute for Astrophysics (INAF)	IT	BlackHoleWeather	Black Hole Feeding and Feedback Unification	PE9
Iovino	Luigi	Università Commerciale 'Luigi Bocconi'	Bocconi University	IT	GEM	Great Expectations: Macroeconomic Implications of Forecasting Behavior	SH1
Vignati	Marco	Sapienza Università di Roma	Sapienza University of Rome	IT	DANAE	Dark matter and neutrino experiment with monolithic arrays of cryogenic detectors	PE2

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Baker	Matthew	Universiteit Maastricht	Maastricht University	NL	SupraValent	Supramolecular & Covalent Bonds for Engineering Spatiotemporal Complexity in Hydrogel Biomaterials	PE11
Dotlacil	Jakub	Universiteit Utrecht	Utrecht University	NL	MEMLANG	Memory access in language: how we store and retrieve linguistic information	SH4
Ganzevoort	Wessel	Academisch Medisch Centrum Bij de Universiteit Van Amsterdam	Academic Medical Centre, University of Amsterdam	NL	FGR PODS	Fetal Growth Restriction Perinatal Outcome Decision Support – improve perinatal outcomes in early-onset fetal growth restriction by rationalizing the decision of timing of delivery	LS7
Hodge	Jacqueline	Universiteit Leiden	Leiden University	NL	VOYAJ	A new View of Young galaxies with ALMA and JWST	PE9
Tummers	Johanna	Universiteit Leiden	Leiden University	NL	ARTDETECT	A New Connoisseurship: Smart ways to detect forgeries	SH5
Van Den Hemel	Ernst	Koninklijke Nederlandse Akademie van Wetenschappen - KNAW	Royal Netherlands Academy of Arts and Sciences	NL	MAKEBELIEF	The Religious Politics of Theme Parks in the 21st century: Imagineering Religion, Heritage and National Sentiments	SH5
Van Der Heden Van Noort	Gerbrand	Academisch Ziekenhuis Leiden - Leids Universitair Medisch Centrum	Leiden University Medical Center (LUMC)	NL	ADProbe	ADPribosylation and Ubiquitination; post-translational interplay	LS1

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Husebo	Bettina	Universitetet i Bergen	University of Bergen	NO	5-D	Decoding Death and Dying in people with Dementia by Digital thanotyping	LS7
Valen	Eivind	Universitetet i Bergen	University of Bergen	NO	MaDCap	Mapping and Direct Sequencing of the Non-Canonical Cap Code	LS2
Leão	Pedro	Ciimar - Centro Interdisciplinar de Investigação Marinha E Ambiental	Interdisciplinary Centre of Marine and Environmental Research	PT	GREASEDLIGHTNING	Enzymatic chemistry acting on alkyl chains	PE5
Baranello	Laura	Karolinska Institutet	Karolinska Institute	SE	MYCinTOPshape	Mechanism and targeting of topoisomerase regulatory interactions to arrest MYC-driven tumors	LS1
Maia	Filipe	Uppsala Universitet	Uppsala University	SE	FemtoPix	Imaging Ultrafast Single Particle Macromolecular Dynamics with X-ray Lasers	PE3
Splettstoesser	Janine	Chalmers tekniska högskola	Chalmers University of Technology	SE	NanoRecycle	On-chip waste recovery in quantum and nanoscale devices guided by novel performance quantifiers	PE3
Čaval	Saša	Znanstvenoraziskovalni center Slovenske akademije znanosti in umetnosti	Research Centre of the Slovenian Academy of Sciences and Arts	SI	STONE	Unde venis? Unraveling the enigma of stećci tombstones	SH6
Ozgur	Arzucan	Boğaziçi Üniversitesi	Boğaziçi University	TR	LifeLU	Understanding the Language of Life: Identifying and Characterizing the Language Units in Protein Sequences	PE6

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Brantut	Nicolas	University College London	University College London	UK	RockDeath	Role of fluids in rock deformation and the earthquake cycle	PE10
Calvanese	Vincenzo	University College London	University College London	UK	FUN-HSC	Tackling Functional Maturation for Transplantable Hematopoietic Stem Cell Generation	LS3
Goldberg Oppenheimer	Pola	University of Birmingham	University of Birmingham	UK	EyeTBI	Simultaneous Eye-safe Spectroscopy and Fundus Imaging Technology for Point-of-Care Detection of Traumatic Brain Injury	PE7
Grek	Sotiria	University of Edinburgh	University of Edinburgh	UK	POLART	Art in the Global Contemporary: Examining the Role of the Arts in the production of Public Policy	SH3
Macaskill	Andrew	University College London	University College London	UK	HungryHippo	Hunger and Thirst Guided Decision Making Via Hippocampal Encoding of Internal State	LS5
Montgomery	Robert	University of Oxford	University of Oxford	UK	Inducible-Defences	Predicting how the inducible defences of large mammals to human predation shape spatial food web dynamics	LS8
Robinson	Mark	University of Exeter	University of Exeter	UK	BLADEN	Biodiversity and the Legacy of Anthropogenic Disturbance on Ecosystems in the Neotropics	SH6