

## ERC Advanced Grants 2022

### List of Principal Investigators invited for funding from the reserve list

#### All domains

*The final list of successful candidates is 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
Koren	Miklos	CEU GmbH	Central European University	AT	MACROMGR	The Macroeconomics of Managers	SH1
Geyer	Matthias	Universitätsklinikum Bonn	University Medical Centre Bonn	DE	NalpACT	Exploring inflammasome activation and targeted inhibition	LS1
Korbel	Jan	European Molecular Biology Laboratory	European Molecular Biology Laboratory	DE	SEE-MAGIC	Giant-leaps during tumorigenesis: Dissecting saltatory evolution in cancer 'in the making'	LS2
Thanbichler	Martin	Philipps-Universität Marburg	University of Marburg	DE	C-SWITCH	CTP-dependent molecular switches: an emerging new principle in cellular regulation	LS1
Angelidaki	Irini	Danmarks Tekniske Universitet	Technical University of Denmark	DK	ANAEROB	The ANAEROBic treasure trunk	PE8
Pisinger	David	Danmarks Tekniske Universitet	Technical University of Denmark	DK	DECIDE	Machine learning for decision making under uncertainty	PE6
Mander	Ulo	Tartu Ülikool	University of Tartu	EE	PeatlandN2O	N2O Budgets in Peatlands - from Process to Ecosystem	PE10

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Anagnostopoulou	Elena	Foundation for Research and Technology Hellas	Greek Foundation for Research and Technology	EL	PhylProGramm	Phylogenies probing Grammar. Exploring morphosyntax at different scales of language change	SH4
Smaragdakis	Yannis	Ethniko Kai Kapodistriako Panepistimio Athinon	National and Kapodistrian University of Athens	EL	PINDESYM	Program Intelligence, Declaratively and Symbolically	PE6
Bravo-Moreno	Ana	Agencia Estatal Consejo Superior de Investigaciones Científicas	Spanish National Research Council (CSIC)	ES	REPRO-SCAPES	A Novel Approach to New Family-Forms, Assisted Reproductive Technologies and Transnationalism. A multi-sited ethnography: Spain, Denmark, Canada and Israel	SH3
Farinas	Isabel	Universitat de València	University of Valencia	ES	NSC-PLAS	Stem Cell Plasticity in Adult Neurogenic Niches	LS5
Gómez de Castro	Ana Inés	Universidad Complutense de Madrid	University Complutense Madrid	ES	ENIMUS	Investigation of the Enantiomeric Imbalance in the Solar System through Ultraviolet Spectropolarimetry	PE9
Maestre Gil	Fernando Tomas	Universidad de Alicante	University of Alicante	ES	BIOSHIFT	Biodiversity, abrupt ecosystem shifts and restoration: understanding their links to sustain drylands under global change	LS8
Lummaa	Virpi	Turun Yliopisto	University of Turku	FI	KinSocieties	Social networks and natural selection in changing societies	LS8

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Boisbouvier	Jerome	Centre National de la Recherche Scientifique (CNRS)	National Center for Scientific Research (CNRS)	FR	XXL-NMR	New Routes for the Solution NMR Investigations of Extra Large Biomolecular Assemblies	PE4
Chipot	Christophe	Centre National de la Recherche Scientifique (CNRS)	National Center for Scientific Research (CNRS)	FR	MilliInMicro	A holistic approach to bridge the gap between microsecond computer simulations and millisecond biological events	PE4
Colombelli	Raffaele	Centre National de la Recherche Scientifique (CNRS)	National Center for Scientific Research (CNRS)	FR	SMART-QDEV	Strong light-matter coupled ultra-fast and non-linear quantum semiconductor devices	PE7
Dumenil	Guillaume	Institut national de la santé et de la recherche médicale	National Institute of Health and Medical Research (INSERM)	FR	DESTOP	Destabilizing vascular colonization to stop meningitis	LS6
Labourie	François	Université Côte d'Azur	University of the Côte d'Azur	FR	AnSur	Geometric Analysis and Surface Groups	PE1
Leveque-Fort	Sandrine	Centre National de la Recherche Scientifique (CNRS)	National Center for Scientific Research (CNRS)	FR	TimeNanoLive	Time-based single molecule nanolocalization for live cell imaging	PE7
Tirole	Jean	Toulouse School of Economics	Toulouse School of Economics	FR	HWS	Harmony within society	SH1
Adamik	Béla	Nyelvtudományi Kutatóközpont	Hungarian Research Centre for Linguistics	HU	DiLaDi	Digital Latin Dialectology: Tracing Linguistic Variation in the Light of Ancient and Early Medieval Sources	SH4

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Casey	Christine	Trinity College Dublin	Trinity College Dublin	IE	STONE-WORK	STONE-WORK: collective achievement in Anglo-Irish architectural production, 1700-1800	SH5
English	Niall	University College Dublin	University College Dublin	IE	NIMBLE	Engineering and Manipulating Green Solvents by Nano-Bubbles	PE8
Gray	Jane	National University of Ireland Maynooth	National University of Ireland Maynooth	IE	LINLOSS	Towards a Sociology of Loss: Disposals and dead-ends in Lineages of Social Innovation and Change	SH3
Levy	Carmit	Tel Aviv University	Tel Aviv University	IL	melanosomeEVimmune	Melanosomes as cancer immune modulators: a novel paradigm in melanoma immunity	LS4
Boeri	Tito	Università Commerciale 'Luigi Bocconi'	Bocconi University	IT	MARKINDOWN	Monopsony Power and Inequality	SH1
Nati	Federico	Università degli studi di Milano-Bicocca	University of Milan-Bicocca	IT	POLOCALC	POLarization Orientation CALibrator for Cosmology	PE9
Pancino	Elena	Istituto Nazionale di Astrofisica	National Institute for Astrophysics (INAF)	IT	StarDance	StarDance: the non-canonical evolution of stars in clusters	PE9
Janssen	Rene	Technische Universiteit Eindhoven	Eindhoven University of Technology	NL	PERSTACK	Perovskite triple and quadruple junction solar cells	PE5

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Otte	Sander	Technische Universiteit Delft	Delft University of Technology	NL	HYPSTER	Hyperfine coupled spins with time evolution readout	PE3
Vaz Milheiro	ANA	ISCTE - Instituto Universitário de Lisboa	ISCTE, Lisbon University Institute	PT	ArchLabour	Architecture, Colonialism and Labour. The role and legacy of mass labour in the design, planning and construction of Public Works in former African territories under Portuguese colonial rule	SH5
Edman	Ludvig	Umea universitet	Umea University	SE	InnovaLEC	Sustainable light-emitting devices through control of dynamic doping	PE11
Ohlsson	Claes	Göteborgs universitet	University of Gothenburg	SE	HeMAFA	Healthy Microbiota Avoiding Fractures during Ageing	LS4
Prosen	Tomaz	Univerza v Ljubljani	University of Ljubljana	SI	QUEST	Quantum Ergodicity: Stability and Transitions	PE2
Del Pino	Manuel	University of Bath	University of Bath	UK	AsymEvol	Asymptotic patterns and singular limits in nonlinear evolution problems	PE1
Gregori	Gianluca	University of Oxford	University of Oxford	UK	JETLAB	Unveiling the Physics of High-Density Relativistic Pair Plasma Jets in the Laboratory	PE2

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Hirohata	Atsufumi	University of York	University of York	UK	SAHAJ	Strain-Free All Heusler Alloy Junctions	PE11
Johnes	Penny	University of Bristol	University of Bristol	UK	REFRESH	Researching the role of dissolved organic matter as a nutrient resource in freshwater ecosystems	PE10
Kamoun	Sophien	Sainsbury Laboratory	Sainsbury Laboratory	UK	PIKOBODIES	Made-to-order plant disease resistance genes using receptor-nanobody fusions	LS9
Lako	Majlinda	Newcastle University	Newcastle University	UK	HYPOIMMUNE	Off-the-shelf hypoimmunogenic photoreceptors for treatment of blinding retinal disease	LS7
Tapon	Nicolas	The Francis Crick Institute	The Francis Crick Institute	UK	EvoDevoGro	Developmental control of animal size: mechanisms and evolution	LS3
Yeomans	Julia	University of Oxford	University of Oxford	UK	ActBio	Exploiting the Parallels between Active Matter and Mechanobiology	PE3