

Project acronym	Project title	Principal Investigator	Panel	Call ID	Host Institution
MASCP	Mechanisms of alternative pre-mRNA splicing regulation in cancer and pluripotent cells	VALCÁRCEL JUÁREZ Juan Alberto	L1 - Molecules of Life: Biological Mechanisms, Structures	ERC-2014-ADG	Centre for Genomic Regulation
AI45YN	Artificial intelligence for synthetic functional genomics of blood	VELTEN Lars	L2 - Integrative Biology: From Genes & Genomes to Systems	ERC-2021-STG	Centre for Genomic Regulation
ApeGenomeDiversity	Great ape genome variation now and then: current diversity and genomic relics of extinct primates	MARQUES BONET Tomas	L2 - Integrative Biology: From Genes & Genomes to Systems	ERC-2019-COG	Universitat Pompeu Fabra
KryptonInt	Erasing the superintention to understand the role of chromosomal integrins in bacterial evolution	ESCUDERO Jose Antonio	L2 - Integrative Biology: From Genes & Genomes to Systems	ERC-2018-STG	Universidad Complutense de Madrid
NEURAL AS	Functions and evolutionary impact of transgenic novelties in the vertebrate brain	IRIMIA MARTINEZ Manuel	L2 - Integrative Biology: From Genes & Genomes to Systems	ERC-2014-STG	Centre for Genomic Regulation
PoisedLogic	Dissecting the regulatory logic of poised enhancers	RADA-IGLESIAS Alvaro	L2 - Integrative Biology: From Genes & Genomes to Systems	ERC-2019-COG	Universidad de Cantabria
MemOriStem	Origins and Consequences of Hematopoietic Stem Cell Memories	RODRIGUEZ FRATICELLI Alejo	L3 - Cellular, Developmental & Regenerative Biology	ERC-2021-STG	Instituto de Investigación Biomédica (IRB Barcelona)
CFS modeling	Chromosomal Common Fragile Sites: Unravelling their biological functions and the basis of their instability	LOPEZ-CONTRERAS Andres Joaquin	L4 - Physiology in Health, Disease & Ageing	ERC-2015-STG	Consejo Superior de Investigaciones Científicas (CSIC)
INTRAHETEROSEX	Molecular characterization of the role of intra-tumor heterogeneity in cancer progression and metastasis	VARELA EGOCEGAGA Ignacio	L4 - Physiology in Health, Disease & Ageing	ERC-2014-STG	Universidad de Cantabria
NutrientSensingVivo	The Physiology of Nutrient Sensing by mTOR	EFEYAN Alejo	L4 - Physiology in Health, Disease & Ageing	ERC-2014-STG	Centro Nacional de Investigaciones Oncológicas (CNIO)
ProtMechanics-Live	Uncovering Protein Mechanics in Physiology and Disease	ALEGRE-CEBOLLADA Jorge	L4 - Physiology in Health, Disease & Ageing	ERC-2020-COG	Centro Nacional de Investigaciones Cardiovasculares (CNIC)
HighMemory	Beyond classical conditioning: Hippocampal circuits in higher-order memory processes	BUSQUETS GARCIA Arnau	L5 - Neuroscience & Disorders of the Nervous Systems	ERC-2020-STG	Mar Institute of Medical Research Foundation (MIM)
ViroPedTher	Oncolytic viruses for the treatment of pediatric brain tumors: An integrated clinical and lab approach	ALONSO-ROLDAN Marta	L7 - Prevention, Diagnosis & Treatment of Human Diseases	ERC-2018-COG	Universidad de Navarra
BIODESTER	Biological feedbacks and ecosystem resilience under global change: a new perspective on dryland desertification	MAESTRE Gil Fernando Tomás	L8 - Environmental Biology, Ecology & Evolution	ERC-2014-COG	Universidad de Alicante
INVFEST	Evolutionary and functional analysis of polymorphic inversions in the human genome	CÁCERES AGUILAR Mario	L8 - Environmental Biology, Ecology & Evolution	ERC-2009-STG	Universitat Autònoma de Barcelona
SUMMIT	Novel roles of dimethylated sulphur in marine microbial interactions	SIMO Rafael (Rafel)	L8 - Environmental Biology, Ecology & Evolution	ERC-2018-ADG	Consejo Superior de Investigaciones Científicas (CSIC)
DYNWALL	Dynamic cell wall remodeling during plant-microbe interaction	SANCHEZ RODRIGUEZ Clara	L9 - Biotechnology & Biosystems Engineering	ERC-2021-COG	Consejo Superior de Investigaciones Científicas (CSIC)
ELONGAN	Gene editing and in vitro approaches to understand conceptus elongation in ungulates	BERMEO-ÁLVAREZ Pablo	L9 - Biotechnology & Biosystems Engineering	ERC-2017-STG	Instituto Nacional de Investigación y Tecnología Agraria y Alimentaria (INIA)
GAPS	Spectral gaps in interacting quantum systems	PEREZ GARCIA David	PE1 - Mathematics	ERC-2014-COG	Universidad Complutense de Madrid
FORCLIMA	Forecasting climate surprises on longer timescales	ROBINSON, Alexander	PE10 - Earth System Science	ERC-2021-COG	Universidad Complutense de Madrid
CERQUITE	Certification of quantum technologies	ACÍN Antonio	PE2 - Fundamental Constituents of Matter	ERC-2018-ADG	ICFO-Institute of Photonics Sciences
FoQAL	Frontiers of Quantum Atom-Light Interactions	CHANG DARRICK	PE2 - Fundamental Constituents of Matter	ERC-2014-STG	ICFO-Institute of Photonics Sciences
IAXOplus	Towards the detection of the axion with the International Axion Observatory	GARCIA IRASTORZA Igor	PE2 - Fundamental Constituents of Matter	ERC-2017-ADG	Universidad de Zaragoza
NEWSPIN	A New Spin on Quantum Atom-Light Interactions	CHANG DARRICK	PE2 - Fundamental Constituents of Matter	ERC-2020-COG	ICFO-Institute of Photonics Sciences
Polydot	Control of the Electronic Properties in Hybrid- Quantum Dot/Polymer-Materials for Energy Production	PALOMARES GIL Emilio J.	PE4 - Physical & Analytical Chemical Sciences	ERC-2009-STG	Institut Català d'Investigació Química (ICIQ)
QSpec-New Mat	Quantum Spectroscopy: exploring new states of matter out of equilibrium	RUBIO Angel	PE4 - Physical & Analytical Chemical Sciences	ERC-2015-ADG	Max Planck Society
4DOISERS	Four-Dimensional Monitoring of Tumour Growth by Surface Enhanced Raman Scattering	LIZ-MARZAN Luis	PE5 - Synthetic Chemistry & Materials	ERC-2017-ADG	Biomaterials Cooperative Research Centre (CIC biomaGUNE)
ECHO-GRACADE	Enantioselective C-H Oxidation Guided by Rational Catalyst Design	COSTAS Miguel	PE5 - Synthetic Chemistry & Materials	ERC-2019-ADG	Universitat de Girona
EMAGINZD	Electrical control of magnetism in multiferroic 2D materials	NAVARRO-MORATALLA Efrén	PE5 - Synthetic Chemistry & Materials	ERC-2018-STG	Universitat de València
MINT	Mechanically Interlocked Carbon Nanotubes	PEREZ Emilio M.	PE5 - Synthetic Chemistry & Materials	ERC-2012-STG	IMDEA Nanoscience
CRETE	Certified Refinement Types	VAZOU Niki	PE6 - Computer Science & Informatics	ERC-2021-STG	IMDEA Software Institute
ECCO	Evolutionary Cellular Computing for Environmental Synthetic Biology	GOÑI MORENO Angel	PE6 - Computer Science & Informatics	ERC-2021-COG	Universidad Politécnica de Madrid
ECHO	Extending Coherence for Hardware-Driven Optimizations in Multicore Architectures	ROS BARDISA Alberto	PE6 - Computer Science & Informatics	ERC-2018-COG	Universidad de Murcia
InteVol	Interactions with Future Reach-Through Volumetric Displays	MARZO PÉREZ Asier	PE6 - Computer Science & Informatics	ERC-2021-STG	Universidad Pública de Navarra
MoTIVE	Moments in Time in Immersive Virtual Environments	SLATER Mel	PE6 - Computer Science & Informatics	ERC-2016-ADG	Universitat de Barcelona
P2PModels	Decentralized Blockchain-based Organizations for Bootstrapping the Collaborative Economy	HASSAN COLLADO Sámer	PE6 - Computer Science & Informatics	ERC-2017-STG	Universidad Complutense de Madrid
TouchDesign	A Computational Design Approach to Haptic Synthesis	OTADUY TRISTAN Miguel Angel	PE6 - Computer Science & Informatics	ERC-2017-COG	Universidad Rey Juan Carlos
FlexAnalytics	Advanced Analytics to Empower the Small Flexible Consumers of Electricity	MORALES Juan Miguel	PE7 - Systems & Communication Engineering	ERC-2017-STG	Universidad de Málaga
InnoSpace	Revolutionizing fibre-wireless communications through space-division multiplexed photonics	GASULLA MESTRE Ivana	PE7 - Systems & Communication Engineering	ERC-2016-COG	Universitat Politècnica de València
COLITA	Information Theory for Low-Latency Wireless Communications	KOCH Tobias Mirco	PE7 - Systems & Communication Engineering	ERC-2016-STG	Universidad Carlos III de Madrid
CADENCE	Catalytic Dual-Function Devices Against Cancer	SANTAMARIA Jesus	PE8 - Products & Processes Engineering	ERC-2016-ADG	Universidad de Zaragoza
COMIET	Engineering Complex Intestinal Epithelial Tissue Models	MARTINEZ FRAIZ Elena	PE8 - Products & Processes Engineering	ERC-2014-COG	Instituto de Bioingeniería de Cataluña (IBEC)
Endure	Fuse-based segmentation design: Avoiding failure propagation in building structures	ADAM Jose	PE8 - Products & Processes Engineering	ERC-2020-COG	Universitat Politècnica de València
FEMIT	Ferrites-by-design for Millimeter-wave and Terahertz Technologies	GICH Martí	PE8 - Products & Processes Engineering	ERC-2018-COG	Consejo Superior de Investigaciones Científicas (CSIC)
HECTOR	Microwave-assisted microreactors: development of a highly efficient gas phase contactor with direct catalyst heating	SANTAMARIA Jesus	PE8 - Products & Processes Engineering	ERC-2010-ADG	Universidad de Zaragoza
MFreeB	Membrane-Free Redox Flow Batteries	MARCILLA GARCIA Rebeca	PE8 - Products & Processes Engineering	ERC-2016-COG	IMDEA Energy Institute
VIRMETAL	Virtual Design, Virtual Processing and Virtual Testing of Metallic Materials	LORCA MARTINEZ Francisco Javier	PE8 - Products & Processes Engineering	ERC-2014-ADG	IMDEA Materials Institute
COSMO-LYA	A Cosmological Lever Arm for Fundamental Physics	FONT-RIBERA Andreu	PE9 - Universe Sciences	ERC-2021-COG	Instituto de Física de Altas Energías (IFAE)
IMAGINE	Imprints of Magnetic fields in Exoplanets	VIGANO Daniele	PE9 - Universe Sciences	ERC-2020-STG	Consejo Superior de Investigaciones Científicas (CSIC)
QUANTUMGRAIN	Quantum Chemistry on Interstellar Grains	RIMOLA GIBERT Albert	PE9 - Universe Sciences	ERC-2019-COG	Universitat Autònoma de Barcelona
ELECTRIC CHALLENGES	Current Tools and Policy Challenges in Electricity Markets	FABRA PORTELA Natalia	SH1 - Individuals, Markets & Organisations	ERC-2017-COG	Universidad Carlos III de Madrid
FAPOD	Foundations for Antitrust and Policy on Digital Platforms	SHELEGIA Sandro	SH1 - Individuals, Markets & Organisations	ERC-2021-COG	Universitat Pompeu Fabra
MARKET POWER	Market Power and Secular Macroeconomic Trends	ECKHOUT Jan	SH1 - Individuals, Markets & Organisations	ERC-2019-ADG	Universitat Pompeu Fabra
MISSINGMIDDLE	The Causal Effect of Public Policy and Income on Child Health and Human Capital	GONZÁLEZ LUNA Maria Libertad	SH1 - Individuals, Markets & Organisations	ERC-2017-COG	Universitat Pompeu Fabra
RISK AND DIVERSITY	Labor Market Risk and Skill Diversity: Implications for Efficiency, Policy, and Estimation	ECKHOUT Jan	SH1 - Individuals, Markets & Organisations	ERC-2013-ADG	Universitat Pompeu Fabra
ARCTIC	Air Transport as Information and Computation	ZANIN Massimiliano	SH2 - Institutions, Governance & Legal Systems	ERC-2019-STG	Consejo Superior de Investigaciones Científicas (CSIC)
DEMOTRADEOFF	Reconciling Citizens with the Tradeoffs of Democracy: Attitudes Toward Democracy Under Rising Politicization	HERNÁNDEZ PÉREZ Enrique	SH2 - Institutions, Governance & Legal Systems	ERC-2021-STG	Universitat Autònoma de Barcelona
LEK	The adaptive nature of culture: A cross-cultural analysis of the returns of Local Environmental Knowledge in three indigenous	REYES-GARCÍA Victoria	SH3 - The Social World and its Diversity	ERC-2010-STG	Universitat Autònoma de Barcelona
LEAD	Leveraging Early Adolescence for Development: Longitudinal and Experimental Evidence from Ghana	AURINO Elisabetta	SH3 - The Social World and its Diversity	ERC-2021-STG	Universitat Pompeu Fabra
MINEQ	Sexual Minorities and Inequality of Opportunity	BOERTEN Diederik	SH3 - The Social World and its Diversity	ERC-2020-STG	Centro de Estudios Demográficos (CED)
FASTPARSE	Fast Natural Language Parsing for Large-Scale NLP	GÓMEZ RODRÍGUEZ Carlos	SH4 - The Human Mind and its Complexity	ERC-2016-STG	Universidad de A Coruña
ReadCalibration	Phonemic representations in speech perception and production: Recalibration by reading acquisition	MARTIN Clara	SH4 - The Human Mind and its Complexity	ERC-2018-COG	BCBL Basque Center on Cognition, Brain and Language
DIDONE	The Sources of Absolute Music: Mapping Emotions in Eighteenth-Century Italian Opera	TORRENTE SANCHEZ GUISANDE Alvaro	SH5 - Cultures & Cultural Production	ERC-2017-ADG	Universidad Complutense de Madrid
MapModern	Social Networks of the Past: Mapping Hispanic and Lusophone Literary Modernity, 1898-1959	ROIG SANZ Diana	SH5 - Cultures & Cultural Production	ERC-2018-STG	Universitat Oberta de Catalunya (UOC)
MiMus	loculatur seu mimus. Performing Music and Poetry in medieval Iberia	ALBERNI Anna	SH5 - Cultures & Cultural Production	ERC-2017-COG	Universitat de Barcelona
Afermath	THE AFTERMATH OF THE EAST ASIAN WAR OF 1592-1598.	CLEMENTS Rebekah	SH6 - The Study of the Human Past	ERC-2017-ADG	Universitat Autònoma de Barcelona
CIRGEN	Circulating Gender in the Global Enlightenment: Ideas, Networks, Agencies	BOLLUFER PERUGA Mónica	SH6 - The Study of the Human Past	ERC-2017-STG	Universidad de València
DEATHREVOL	The roots and evolution of the culture-of-death. A taphonomic research of the European Paleolithic record	SALA BURGOS Maria Teresa NoheMI	SH6 - The Study of the Human Past	ERC-2020-STG	CENIEH National Research Centre on Human Evolution Burgos
DEEPMED	Discovering the Deep Mediterranean Environment: A History of Science and Strategy (1860-2020)	CAMPUBRI BUENO Lino	SH6 - The Study of the Human Past	ERC-2020-COG	Universidad de Sevilla
PEOPLE	PalaeoEcology and Open-Landscape adaptations of Pleistocene humans in South Africa	TOFFOLO Michael	SH6 - The Study of the Human Past	ERC-2021-STG	CENIEH National Research Centre on Human Evolution Burgos
PETRYIFYING WEALTH	Petrifying Wealth. The Southern European Shift to Masonry as Collective Investment in Identity, c.1050-1300	RODRIGUEZ LOPEZ Ana María	SH6 - The Study of the Human Past	ERC-2015-ADG	Consejo Superior de Investigaciones Científicas (CSIC)
RAINDROP	Resilience and Adaptation in Drylands. Identifying past water management practices for drought-resistant crops	LANCELOTTI Carla	SH6 - The Study of the Human Past	ERC-2017-STG	Universitat Pompeu Fabra
LONGMOVE	Understanding spatial mobility from early life into adulthood	VIDAL Sergi	SH7 - Human Mobility, Environment, and Space	ERC-2021-COG	Centro de Estudios Demográficos (CED)
INZDIAG	Application of genomic inversions as diagnostic markers in precision medicine	CÁCERES AGUILAR Mario	Proof of Concept	ERC-2016-PoC	Universitat Autònoma de Barcelona
INGENIHUS	The completion of the Human Genome Project has generated a new industry of personal genomics and personalized medicine	CÁCERES AGUILAR Mario	Proof of Concept	ERC-2013-PoC	Universitat Autònoma de Barcelona