

Announcement for the Call «Supporting Postdoctoral Researchers»

The scientific proposals submitted under the call «**Supporting Postdoctoral Researchers**» have been divided into 3 broad research fields and 25 subfields according to the statement made by the candidate and the subsequent verification by the reviewers.

The distribution of funds in the three broad research fields will be as follows:

LS – Life Sciences: 32%

PE – Physical Sciences and Engineering: 41%

SH – Social Sciences and Humanities: 27%

The number of proposals that will be funded in each one of the 25 subfields is presented in Table 1:

Table 1. *Number of proposals that will be funded from each research domain*

ERC research field	Description of the field	Number of proposals that will be funded
LS1	Molecular and Structural Biology and Biochemistry: molecular biology, biochemistry, biophysics, structural biology, biochemistry of signal transduction	5
LS2	Genetics, Genomics, Bioinformatics and Systems Biology: genetics, population genetics, molecular genetics, genomics, transcriptomics, proteomics, metabolomics, bioinformatics, computational biology, biostatistics, biological modeling and simulation, systems biology, genetic epidemiology	7
LS3	Cellular and Developmental Biology: cell biology, cell physiology, signal transduction, organogenesis, developmental genetics, pattern formation in plants and animals	4
LS4	Physiology, Pathophysiology and Endocrinology: organ physiology, pathophysiology, endocrinology, metabolism, ageing, regeneration, tumorigenesis, cardiovascular disease, metabolic syndrome	9
LS5	Neurosciences and Neural Disorders: neurobiology, neuroanatomy, neurophysiology, neurochemistry, neuropharmacology, neuroimaging, systems neuroscience, neurological disorders, psychiatry	6
LS6	Immunity and Infection: immunobiology, aetiology of immune disorders, microbiology, virology, parasitology, global and other infectious diseases, population dynamics of infectious diseases, veterinary medicine	5
LS7	Diagnostic Tools, Therapies and Public	12

	Health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics	
LS8	Evolutionary, Population and Environmental Biology: evolution, ecology, animal behaviour, population biology, biodiversity, biogeography, marine biology, ecotoxicology, prokaryotic biology	5
LS9	Applied Life Sciences and Biotechnology: agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation.	11
PE1	Mathematical Foundations: all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics	8
PE2	Fundamental Constituents of Matter: particle, nuclear, plasma, atomic, molecular, gas, and optical physics	7
PE3	Condensed Matter Physics: structure, electronic properties, fluids, nanosciences	4
PE4	Physical and Analytical Chemical Sciences: analytical chemistry, chemical theory, physical chemistry/chemical physics	6
PE5	Materials and Synthesis: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry	10
PE6	Computer Science and Informatics: informatics and information systems, computer science, scientific computing, intelligent systems	12
PE7	Systems and Communication Engineering: electronic, communication, optical and systems engineering	10
PE8	Products and Processes Engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering	11
PE9	Universe Sciences: astrophysics/chemistry/biology; solar system; stellar, galactic and extragalactic astronomy, planetary systems, cosmology, space science, instrumentation	4
PE10	Earth System Science: physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management.	10
SH1	Individuals, institutions and markets: economics, finance and management	9
SH2	Institutions, Values and Beliefs, and Behaviour: sociology, social anthropology, political science, law, communication, social studies of science and technology	10
SH3	Environment and Society: environmental studies, demography, social Geography, urban and regional studies	8
SH4	The Human Mind and its Complexity: cognition, psychology, linguistics,	9

	philosophy and education	
SH5	Cultures and Cultural Production: literature, visual and performing arts, music, cultural and comparative studies	6
SH6	The Study of the Human Past: archaeology, history and memory	12

In all, **200 proposals will be funded from all research domains.**

To shorten the evaluation time, the second evaluation stage will be based on the information already submitted (no extended proposal will be required by those who pass the first stage).

To speed up the process, given that the number of proposals that will be funded in each of the 25 scientific subfields is predetermined, the results for each evaluation stage will be announced once the evaluation is completed in each one of the 25 research sub-fields.