



Deadline	Tue 14 Nov 2017 17:00 Brussels time (Bt)
Call name	H2020: ERC Synergy Grant 2018
www	http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/erc-2018-
	<u>syg.html</u>
Focused on	breakthrough & risky basic research
PI	2–4 PIs from anywhere in the world, one PI must be designated as the Corresponding Principal
	Investigator
Eligible	2-4 institutions established in EU Member States or Associated Countries: any type of legal
organisation	entity: research organisation / public higher education institution / private law subject
Target group	research teams headed by 2-4 PIs of any nationality: senior researchers, postdocs, graduate
	students, PhD researchers, administrative assistants
Expected	Open Access (J) reviewed specialist articles
outputs	
Call opens	Thu 03 Aug 2017
IOCB deadline	Fri 10 Nov 2017
Final deadline	Tue 14 Nov 2017 17:00 Brussels time (Bt)
Evaluation	Mon 23 Apr 2018 first step
results	Wed 29 Aug 2018 second step
	Fri 19 Oct 2018 third step
Signature of	Tue 19 Feb 2019
agreement	
Earliest date of	expected March/April 2019
implementation	
Latest date of	-
implementation	
Sustainability	none
Reporting	4 reports: months 1–18, 19–36, 37–54, 55–72; one report every 18 months (1.5 year)
Project duration	1–72 months (6 years)
(min-max)	
Allocation for	250 M EUR
the call	no limit 40 M EUD 9 odditional 4 M EUD to course (interture) conta muscleon courismont
Project budget	<b>no limit – 10 M EUR &amp; additional 4 M EUR to cover "start-up" costs, purchase equipment,</b>
(min-max)	
Success rate	3.0 % (2013); 2.1 % (total 2012–2013)
Eligible costs	direct costs: personnel costs, travel expenses, equipment, goods & services, outsourcing
	(subcontracting)
Reimburgement	
Mode of funding	
	English
	English
Provider	European Research Council
Call identifier	
	ERC-2010-010
	resources in new ways, in order to jointly address ambitious research problems. The aim is to
	promote substantial advances at the frontiers of knowledge to cross-fertilize scientific fields, and
	to encourage new productive lines of enguiry and new methods and techniques including
	unconventional approaches and investigations at the interface between established disciplines
	This should enable transformative research not only at the forefront of European science but
	also to become a benchmark on a global scale. Applicant PI must demonstrate the synergies
	complementarities and added value that could lead to breakthroughs that would not be possible
	by the individual PI working alone.
Conditions /	The proposal must demonstrate that its objectives can only be achieved through the specific
Restrictions	combination of knowledge and skills brought together by the participating PIs, clear synergetic
	effect.
	The PI is an active researcher and has a track record of significant research achievements in

	the last 10 years The PI must have already shown a record which identifies him/her as an exceptional leader in terms of originality and significance of his/her research contributions. The PI should be able to demonstrate a promising ten-years track record of early achievements appropriate to research field, e.g. 10 peer-reviewed publications as main author, 10 invited presentations in well-established international conferences, 5 granted patents, 3 research expeditions, 3 organised well-established international conferences, awards, prizes, leadership in industrial innovation, contribution to launching the careers of outstanding researchers etc. The PI has to spend at least 30% (≥0.3 FTE) of his/her working time on the project. The PI has to spend at least 50% (≥36 months) of his/her working time in an EU Member State or Associated Country. The host institution of the Corresponding PI support letter needs to be printed on the paper with the official letterhead of the Host Institution, originally signed, stamped and dated by the institution's legal representative. Each of the host institutions shall offer the commitments set out above subject to a supplementary agreement between PIs and the host institution. The PI must submit scanned copies of documents providing his/her eligibility for the grant, i.e. the PhD certificate. Document(s) in any other language must be provided together with a certified translation into English. The PI is expected to start the project within 6 months of receiving an invitation letter from the ERC. Proposal should cover how the project will create significant synergies and added value beyond the current work of the PIs allowing them to undertake more original, valuable, and path- breaking research.
Proposal consists of	<ol> <li>1) Extended Synopsis: 5 pages</li> <li>2) Funding ID table: separate table for each PI</li> <li>3) Curriculum Vitae: 2 pages for each PI</li> <li>4) Track Record: 2 pages for each PI</li> <li>5) Scientific Proposal: 15 pages</li> <li>6) Corresponding Host Institution Binding Statement of Support</li> <li>7) Ethics Review Table</li> </ol>
Evaluation criteria	Intree-step peer review evaluation of scientific excellence: step 1: CVs & extended synopsis of the scientific proposal => A (sufficient quality pass to step 2), B (high quality), C (not sufficient quality) step 2: completed scientific proposal => A (sufficient quality pass to step 3), B (high quality) step 3: interview – presentation, questions, answers => A (fully meets ERC's criterion), B (not be funded) > cross the boundaries between different fields of research; multi and interdisciplinary research proposals > addressing new and emerging fields of research > introducing unconventional, innovative approaches and scientific inventions > quality of science, synergy, working arrangements, risk <b>1) Research Project: Ground-breaking nature, ambition and feasibility</b> To what extent does the proposed research address important challenges? To what extent does the proposed research high risk/high gain? To what extent is the proposed research high risk/high gain? To what extent is the proposed research high risk/high gain? To what extent is the proposal go beyond what the individual Principal Investigators could achieve alone (based on the Extended Synopsis)? To what extent does the proposal require and demonstrate significant synergies, complementarities and scientific added-value to enable it to achieve its objectives (based on the Extended Synopsis)? To what extent does the proposal require and demonstrate significant synergies, complementarities and scientific added-value to enable it to achieve its objectives (based on the Extended Synopsis)? To what extent does the proposed research methodology and working arrangements appropriate to achieve the goals of the project (based on the full Scientific Proposal)? To what extent are the proposed involve the development of novel methodology (based on the full Scientific Proposal)? To what extent are the proposed timescales and resources necessary and properly justified (based on the full Scientific Proposal)?

	2) Principal Investigator: Intellectual capacity, creativity and commitment
	To what extent have the PIs demonstrated the ability to propose and conduct ground-breaking
	research?
	To what extent do the PIs provide evidence of creative independent thinking?
	To what extent have the achievements of the Pis typically gone beyond the state of the art?
	a vecution and the willingness to devote a significant amount of time to the project metersary for its
	30% for Syneray of the total working time) (based on the full Scientific Proposal)?
Research areas	All research fields indication by keywords
	Life Sciences (9 panels): (LS1) molecular synthesis, modification, mechanisms & interactions, biochemistry, structural biology, molecular biophysics, metabolism, signalling pathways; (LS2) molecular genetics, quantitative genetics, genetic epidemiology, epigenetics, genomics,
	metagenomics, transcriptomics, proteomics, metabolomics, glycomics, bioinformatics, computational biology, biostatistics, systems biology; (LS3) cell biology, cell physiology, signal
	transduction, organogenesis, developmental genetics, pattern formation, stem cell biology, in
	metabolism, ageing, tumorigenesis, cardiovascular diseases, metabolic syndromes; (LS5)
	neural cell function & signalling, systems neuroscience, neural bases of cognitive & behavioural
	processes, neurological disorders, psychiatric disorders; (LS6) the immune system and related
	disorders, biology of infectious agents & infection, biological basis of prevention, treatment of
	infectious diseases; (LS7) development of tools for diagnosis, monitoring & treatment of
	aiseases, pharmacology, clinical medicine, clinical medicine, regenerative medicine, enidemiology, public health: (LS8) population, community & ecosystem ecology, evolutionary
	biology, behavioural ecology, microbial ecology; (LS9) applied plant sciences, applied animal
	sciences, forestry, food sciences, applied biotechnology, environmental biotechnology, marine
	biotechnology, applied bioengineering, biomass, biofuels, biohazards
	Physical Sciences & Engineering (10 papels): (PE1) pure & applied mathematics, computer
	science, mathematical physics, statistics; (PE2) fundamental constituents of matter; particle.
	nuclear, plasma, atomic, molecular, gas, optical physics; (PE3) condensed matter physics:
	structure, electronic properties, fluids, nanosciences, biological physics; (PE4) analytical
	chemistry, chemical theory, physical chemistry/chemical physics; (PE5) materials synthesis,
	chemistry: (PE6) informatics, information systems, computer science, scientific computing
	intelligent systems: (PE7) electrical, electronic, communication, optical, systems engineering:
	(PE8) product design, process design & control, construction methods, civil engineering, energy
	processes, material engineering; (PE9) astro-physics/chemistry/biology, solar system, stellar,
	galactic & extragalactic astronomy, planetary systems, cosmology, space science,
	instrumentation; (PE10) physical geography, geology, geophysics, atmospheric sciences,
	oceanography, climatology, cryology, ecology, global environmental change, biogeochemical
	cycles, natural resources management
	Social Sciences & Humanities (6 panels): (SH1) economics, finance, management; (SH2)
	political science, law, sustainability science, geography, regional studies, planning; (SH3)
	sociology, social psychology, social anthropology, demography, education, communication;
	(SH4) cognitive science, psychology, linguistics, philosophy of mind; (SH5) literature, philology,
	Mon 04 Sen 2017 9:00–15:00 National Information Day
	Czech Academy of Sciences. Národní 3. Prague 1. room 206
	https://www.tc.cz/cs/akce/narodni-informacni-den-o-grantech-evropske-vyzkumne-rady
IOCB contact	We kindly ask all serious applicants to inform IOCB Grant Centre / Project Office asap. Thank
	you in advance for cooperation. We are looking forward to supporting your project and to helping
	with preparation of your grant application.
	i omas iviozga, tomas.mozga@uochb.cas.cz, +420 220 183 178, +420 776 030 294
Download	JILKA SIIETUVA, <u>JILKA SIIETUVA @ UUCHD.CdS.CZ</u> , +420 220 103 229 2017-08-03 IOCB call ERC-Symeray-Grant-2018 D2017-11-14
documents	ERC-SvG-2018 guidelines
	ERC-SyG-2018_proposal-template
	ERC-Rules-for-Submission
	ERC-Work-Programme-2018