



Deadline	Thu 30 Aug 2018 17:00 Brussels time (Bt) (IOCB deadline: Mon 27 Aug 2018)
Call name	H2020: ERC Advanced Grant 2018
www	http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/erc-2018-adg.html https://erc.europa.eu/funding/advanced-grants
Focused on	Ground-breaking, high-risk basic research projects
PI	One independent leading senior researcher from anywhere in the world who has a track-record of significant research achievements in the last 10 years.
Eligible organisation	One institution established in an EU Member State or Associated Country: any type of legal entity: research organisation / public higher education institution / private law subject
Target group	Individual research team headed by a single PI (senior researcher) of any nationality
Expected outputs	Open Access (J) reviewed specialist articles
Call opens	Thu 17 May 2018
IOCB deadline	Mon 27 Aug 2018
Final deadline	Thu 30 Aug 2018 17:00 Brussels time (Bt)
Evaluation results	Tue 29 Jan 2019 first step Mon 08 Apr 2019 second step
Signature of agreement	Thu 08 Aug 2019
Earliest date of implementation	expected September 2019
Latest date of implementation	-
Sustainability	none
Reporting	4 reports: months 1–18, 19–36, 37–54, 55–60; one report every 18 months (1.5 year)
Project duration (min-max)	1–60 months (5 years)
Allocation for the call	450 M EUR (194 projects)
Project budget (min-max)	up to 2.5 M EUR & additional 1 M EUR to cover “start-up” costs, purchase equipment, access to facility
Success rate	12 (2017), 12.5 (2008–2017)
Eligible costs	Direct costs: personnel costs, travel expenses, equipment, goods & services, outsourcing (subcontracting); indirect costs: overheads max 25%
Reimbursement	100 %
Mode of funding	ex-ante
Language of application	English
Provider	European Research Council, https://erc.europa.eu/ NCP: Technology Centre CAS, Petra Fedorová, +420 234 006 161, fedorova@tc.cz
Call identifier	ERC-2018-AdG
Call info	ERC Advanced Grants support excellent PIs at the career stage at which they are already established research leaders with a recognised track record of research achievements. Applicant must demonstrate the ground-breaking nature, ambition and feasibility of his/her scientific proposal.
Conditions / Restrictions	The PI is expected to be an active researcher with a track record of significant research achievements in the last 10 years which identifies him/her as an exceptional leader in terms of originality and significance of his/her research contributions. The PI's record has to match one or more of the following benchmarks: (i) 10 publications as main author in major international peer-reviewed multidisciplinary scientific journals; (ii) 3 major research monographs, of which at least one is translated into another language; (iii) 5 granted patents; (iv) 10 invited presentations in well-established international conferences; (v) 3 research expeditions; (vi) organisation of 3 well-established international conferences; (vii) international recognition through scientific awards; (viii) major contributions to launching the careers of

	<p>outstanding researchers; (ix) recognised leadership in industrial innovation.</p> <p>The PI has to spend at least 30% (≥ 0.3 FTE) of his/her working time on the project.</p> <p>The PI has to spend at least 50% (≥ 30 months) of his/her working time in an EU Member State or Associated Country.</p> <p>The host institution 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.</p> <p>The PI is expected to start the project within 6 months of receiving an invitation letter from the ERC.</p>
Proposal consists of	<p>(1) Administrative form Part A (online): General information, Administrative data, Budget, Ethics, Call specific questions (applicant)</p> <p>(2) Research proposal Part B1 (page limit, offline docx/pdf): Cover page; Extended synopsis (max 5 pages); CV (max 2 pages); Funding ID; Ten years track-record (max 2 pages) (applicant)</p> <p>(3) Research proposal Part B2 (max 15 pages, offline docx/pdf): State-of-the-art and objectives, Methodology, Resources & budget (applicant & Project Office)</p> <p>(4) Commitment letter of the host institution (Project Office)</p> <p>(5) If applicable, the ethics self-assessment explaining how the ethics issues will be treated (see Annex 3 of the ERC Work Programme 2018) (applicant & Project Office)</p>
Evaluation criteria	<p>Two-step peer review evaluation of scientific excellence: ground-breaking nature, ambition and feasibility of the research project; intellectual capacity, creativity and commitment of the PI.</p> <p>step 1: CV & research proposal => A (sufficient quality pass to step 2), B (high quality), C (not sufficient quality)</p> <p>step 2: 30 min interview – presentation, questions, answers => A (fully meets ERC's criterion), B (not be funded)</p> <p>1) Research Project: Ground-breaking nature, ambition and feasibility</p> <p>To what extent does the proposed research address important challenges?</p> <p>To what extent are the objectives ambitious and beyond the state of the art (e.g. novel concepts and approaches or development between or across disciplines)?</p> <p>To what extent is the proposed research high risk/high gain?</p> <p>To what extent is the outlined scientific approach feasible bearing in mind the extent that the proposed research is high risk/high gain (based on the Extended Synopsis)?</p> <p>To what extent are the proposed research methodology and working arrangements appropriate to achieve the goals of the project (based on the full Scientific Proposal)?</p> <p>To what extent does the proposal involve the development of novel methodology (based on the full Scientific Proposal)?</p> <p>To what extent are the proposed timescales and resources necessary and properly justified (based on the full Scientific Proposal)?</p> <p>2) Principal Investigator: Intellectual capacity, creativity and commitment</p> <p>To what extent has the PI demonstrated the ability to propose and conduct ground-breaking research?</p> <p>To what extent does the PI provide evidence of creative independent thinking?</p> <p>To what extent have the achievements of the PI typically gone beyond the state of the art?</p> <p>To what extent has the PI demonstrated sound leadership in the training and advancement of young scientists?</p> <p>To what extent does the PI demonstrate the level of commitment to the project necessary for its execution and the willingness to devote a significant amount of time to the project (minimum 30% for Advanced of the total working time) (based on the full Scientific Proposal)?</p>
Research areas	<p>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 plants, animals, microorganisms; (LS4) organ physiology, pathophysiology, endocrinology, 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 diseases, pharmacology, clinical medicine, clinical medicine, regenerative medicine, epidemiology, public health; (LS8) population, community & ecosystem ecology, evolutionary biology, behavioural ecology, microbial ecology; (LS9) applied plant sciences, applied animal</p>

	<p>sciences, forestry, food sciences, applied biotechnology, environmental biotechnology, marine biotechnology, applied bioengineering, biomass, biofuels, biohazards</p> <p>Physical Sciences & Engineering (10 panels): (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, structure-properties relations, functional & advanced materials, molecular architecture, organic 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</p> <p>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, cultural studies, study of the arts, philosophy; (SH6) archaeology, history</p>
Call workshop	None
IOCB contact	<p>Please inform the Project Office about your intention to apply. Do not hesitate anytime to contact us for consulting, discussion or help. Tomáš Mozga, tomas.mozga@uochb.cas.cz, +420 220 183 178, +420 776 030 294 Jitka Šilerová, jitka.silerova@uochb.cas.cz, +420 220 183 229</p>
Download documents	<p>ERC-AdG-2018 summary: 2018-05-17_IOCB_call_ERC-AdG-2018_D2018-08-30 ERC-AdG-2018 guidelines ERC-AdG-2018 proposal-template ERC Work Programme 2018 ERC Rules for submission 2018</p>