



Deadline	Sat 30 Sep 2023
Call name	EMBL: ARISE Fellowships 2023
www	https://www.embl.org/about/info/arise/
Focused on	Enabling researchers and engineers to advance technology and methods in life sciences and learn how to lead service providing research infrastructures.
Applicant	PhD students or postdocs: STEM professionals with at least 4 years of research experience (including first experience in method and technology development), coming either from academia or industry, with or without a PhD.
Host institution	EMBL site (EMBL-EBI Hinxton UK, EMBL Grenoble FR, EMBL Rome IT, EMBL Heidelberg DE, EMBL Hamburg DE, EMBL Barcelona ES) – specific hosting groups.
Expected outputs	Activity report; (J) reviewed specialist articles Training and development of Europe's next generation of senior scientists and leaders for research infrastructures in the life sciences.
Call opens	1 July 2023
Final deadline	Sat 30 Sep 2023
Evaluation results	Invitation to interview – Oct/mid Nov 2023 Interviews in late Nov/early Dec 2023 Final offers sent out within 1 week of interview Deadline for accepting fellowships two weeks after the offer
Signature of agreement	Not defined
Earliest date of implementation	4 weeks after the offer if no visa is required, must start by 1 May 2024
Latest date of implementation	4 weeks after the offer if no visa is required, must start by 1 May 2024
Sustainability	None
Reporting	Final project report
Project duration (min-max)	36 months (3 years)
Allocation for the call	30+ fellowships
Project budget (min-max)	The stipend paid depends on the site being visited
Success rate	NA
Eligible costs	ARISE Fellows will be employed as EMBL Research Fellows and all employment conditions that are applicable to the EMBL Postdoctoral Fellows apply to them as well. EMBL Research Fellows are entitled to the same fellowship rates as Postdoctoral fellows, plus allowances (family and child), incl. social insurances.
Mode of funding	Ex-ante
Language of application	English
Provider	EMBL, Meyerhofstr 1, 69117 Heidelberg arise@embl.org ARISE Programme Management Team: Tanja Ninković tanja.ninkovic@embl.de , Grace Denny grace.denny@embl.de ; ARISE Programme Director: Peer Bork
Call identifier	EMBL ARISE 2023
Call info	The EMBL ARISE fellowships are awarded for a period of three years and support STEM professionals with at least 4 years of research experience (including first experience in method and technology development), coming either from academia or industry, with or without a PhD, to work on a technology or method development project as part of one of the EMBL groups and teams. The aim is to support careers in research infrastructures (core facilities, data resources, service teams, large instrumentation). ARISE project is funded through MSCA COFUND grant agreement No 945405.
Conditions / Restrictions	The applicant must comply with the MSCA Mobility rule: Researchers from all countries are eligible for the MSCA ARISE Programme; however, applicants may not have carried out their main activity (work, studies, etc.) at any of the EMBL sites for more than 12 months in the 3 years immediately preceding the call deadline. Applicants cannot already be permanently employed by EMBL. At the call deadline, the applicant should have at least 4 years of full-time equivalent research experience (in technology development), a high level of skill (postdoctoral standard) or expertise in a specialisation in which doctoral degrees are not usually awarded. Applicants do not have to hold a PhD but must have required experience. Their degree and scientific

	<p>experience should be in the STEM fields, in academia or non-academic sectors, relevant to the research fields of EMBL RIs and services.</p> <p>Applicants must be fluent in English.</p> <p>There is no age limit for applying to the MSCA COFUND Fellowship Programme although the candidates' achievements should be in line with their "academic age". Applicants should independently prepare and submit their original proposal to develop new or improve existing methods or technologies, which can be applied to different scientific questions of other researchers as a service and integrated into RIs. The proposed project should not be of local interest only, but should have sufficient potential for international transfer. The proposal should be up to 4 pages long and relevant for the field of work of the group(s) in which applicants are interested in joining. The proposal must follow EC Ethical guidance. Applicants are required to contact the groups of their choice before preparing the proposal to get an overview of their field of work and current activities of the groups, and discuss ideas for new technology development. A template for the project proposal writing is available here.</p> <p>Applicants should describe their experience in technology development related to service provision.</p> <p>Applicants should prove their scientific potential using at least one of the following evidences:</p> <ul style="list-style-type: none"> • Scientific publications • Scientific Software, unique or problematic data sets, technical documentation, etc. • Contribution to patents • Management of technology development projects • Detailed description of any other innovative research they have performed and their achievements • Other ways to demonstrate experience relevant to technology development and scientific services
Proposal consists of	<p>Use the EMBL online application system (https://www.embl.org/jobs/position/EF00008) to submit:</p> <ol style="list-style-type: none"> 1) Application form (template) to be uploaded online: Statement of interest (max 4000 characters), Expertise in technology, technique or method development (table and max 2500 characters), Your scientific excellence 2) Project proposal (template) merged with the ethics self assessment (template) 3) CV and certificates that should be submitted (eg. University degree) 4) Names of two referees who can be contacted for references – these must send their reference letters to EMBL by 2 weeks after the call closure date at the latest
Evaluation criteria	<p>The professional excellence of the applicant (40 %)</p> <ol style="list-style-type: none"> (1) The excellence of the candidate's previous achievements (2) Impact of their contribution to the research field <p>The excellence of the proposed project (40 %)</p> <ol style="list-style-type: none"> (3) Quality and novelty of the proposed project and the proposal (4) Fit with the team/institution of the host, secondment host and partners <p>Potential and impact of the proposed project on the RIs (20 %)</p> <ol style="list-style-type: none"> (5) What is the potential of the proposed project to be included in the service catalogue of RIs (6) What would be the expected impact of that service (should the proposed technology be once included in the catalogue of the service providing RIs).
Research areas	<p>Computational engineering and data sciences (AI and machine learning, software development, bioinformatics and computational modelling, data sciences, including data management, data science, big data, data standards, information retrieval and relevance ranking), Imaging and optical engineering (imaging, microscopy, image analysis, X-ray optics, optical instrumentation developments), Mechanical engineering (automation, robotics or microfluidics), Molecular biotechnology ((bio)chemical engineering and genetic engineering)</p> <p>Must be hosted by one of the ARISE participating groups: https://www.embl.org/about/info/arise/hosting-groups/</p>
Call workshop	None
IOCB contact	<p>Please inform the IOCB Project Office (projectoffice@uochb.cas.cz) about your intention to apply.</p> <p>Do not hesitate to contact us anytime for consulting, discussion or help.</p> <p>Blanka Collis +420 220 183 527 Jitka Šilerová +420 220 183 229</p>
Download documents	<p>EMBL ARISE 2023 summary</p> <p>EMBL ARISE 2023 Guide for Applicants</p> <p>EMBL ARISE 2023 Hosting groups</p> <p>EMBL ARISE 2023 Application form</p> <p>EMBL ARISE 2023 Project proposal template</p> <p>EMBL ARISE 2023 Ethics self-assessment</p>