

ERACoSysMed 1st Joint Transnational Call for Proposals for
“European Research Projects to demonstrate the feasibility and
benefits of systems medicine”

CALL TEXT

Submission deadline for pre-proposals: 30.03.2015

Online access: <https://www.eracosysmed.eu/index.php?index=27>

For further information please visit www.eracosysmed.eu

or contact

the Joint Call Secretariat at eracosysmed.jcs@fz-juelich.de

or contact

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1. Introduction

The overall aim of Systems Medicine research is to provide a modern systems-based approach to medical practice. This will lead to early stage medical intervention resulting in the prevention of many clinical diseases, the reduction in disease severity, and the ability to apply resources strategically and wisely. This approach is fundamentally different from the prevailing practice of classical medicine, which is typically characterized by a reactive approach, whereby intervention only occurs once a disease has already manifested itself. Systems Medicine aims to understand diseases as a complex interplay of many different biological and clinical networks on multiple levels (e.g. cells, tissues, organs and organism) and dimensions, including co-morbidities.

In the past, clinicians have always integrated clinical observations, empirical knowledge and information from medical tests in order to diagnose diseases and treat patients. This is a proven and successful concept. However, the success of this approach is curtailed by the steep increase in the amount of information that needs to be integrated and the sheer size and complexity of large datasets of modern “-omics” technologies and clinical information.

Systems Medicine approaches will allow the integration of functional information from these datasets into both clinical research and medical practice. Not bridging this gap will deny medicine an enormous amount of patient and disease relevant information. In addition, systems medicine offers a systematic and tractable approach that is reproducible, scalable and evolvable. Systems Medicine will provide a new tool to medical researchers and clinicians that will allow clinicians to diagnose and treat patients faster and more effectively and has the potential to develop a new level of Personalized, Participatory, Preventive and Participatory Medicine (P4-medicine) and change the way to catalyze the Delivery of Care to patients.

ERACoSysMed aims to enhance the implementation of Systems Medicine approaches in both clinical research and medical practice throughout Europe and Israel. The challenge of establishing Systems Medicine in Europe (and beyond) will be addressed by developing transnational cooperation between national ministries and funding bodies and a common research funding framework for Systems Medicine.

As such the ERA-NET Cofund complements other European initiatives that can be of relevance for Systems Medicine (e.g. BBMRI¹, EATRIS², PerMed³), the Coordination and Support Action CASyM⁴ and other activities in the field of Systems Biology (ERASysAPP⁵, ERASysBio⁶). More specifically, the CASyM roadmap for the implementation of systems medicine across Europe has been the strategic guide to formulate key objectives of ERACoSysMed in that we will specifically focus on areas where a systems approach is needed to address clinical questions, solve clinical problems and to make personalized medicine a reality.

¹www.structuralbiology.eu/resources/organisations/bbmri-biobanking-and-biomolecular-resources-research-infrastructure, ²www.eatris.eu, ³www.permed2020.eu, ⁴www.casym.eu,

⁵www.erasysapp.eu, ⁶www.erasysbio.net

Under the umbrella of ERACoSysMed, the following 14 funding organizations have agreed to launch the first joint call for transnational research projects which is co-funded by the EU:

- The Federal Ministry of Education and Research (BMBF), Germany
- The Austrian Science Fund (FWF), Austria
- The Fund for Scientific Research (FNRS), Belgium
- The Research Foundation - Flanders (FWO), Belgium, Flanders
- The French National Research Agency (ANR), France
- Science Foundation Ireland (SFI), Ireland
- The Chief Scientist Office of the Ministry of Health (CSO-MOH), Israel
- The Italian Ministry of Health (MoH), Italy
- The National Research Fund (FNR), Luxembourg
- The Netherlands Organization for Health Research and Development (ZonMw), The Netherlands
- The Research Council of Norway (RCN), Norway
- The Slovak Academy of Sciences (SAS), Slovakia
- The Ministry of Higher Education, Science and Technology (MIZS), Slovenia
- The National Institute of Health Carlos III (ISCIII), Spain

2. Aim of the call

The call aims to support the development of Proof of Concept projects (demonstrator projects) which will improve our understanding of Systems Medicine and demonstrate the utility of this approach in a clinical setting.

Demonstrator projects should demonstrate the translation of Systems Biology approaches into medical research and practice (Proof of Concept).

- Start with an idea or *concept* based on a clearly defined *clinical need*. The implementation of this concept must be achieved within the envisaged duration of the project. This means that while the idea or concept can have a long-term nature, the project must be directed at testing the feasibility of this idea and result in a Proof of Concept.
- Use a *systems medicine approach* in the demonstrating of a proof of concept. This should lead to new paths for personalized prevention, diagnostics and treatment of human diseases
- Integrate biomedical data and computational/mathematical models originating from previous systems biology approaches that can realistically contribute to P4 medicine and the opening of new ways for clinical research delivering better prevention and more efficient and personalized therapies throughout life.

The projects shall indicate technological and methodological feasibility and the clinical, economic and social benefit with respect to defined medical questions.

As a **prerequisite for funding**, applicants need to demonstrate relevant previous work in the field of medical oriented systems biology. Other prerequisites for funding include a high methodological and scientific quality of planned activities (excellence) and the applicants' willingness to work in interdisciplinary teams, including the set-up of harmonized processes for data collection, data management and data sharing to realize a systems medicine approach from the beginning of the project. The required 'critical mass' of resources and know-how must already be available at the time of application. This applies in particular to the availability of relevant data sets (patient data) and patient samples, both well annotated archived samples and collection of new samples sets for proof of concept, as well as the availability of computational/mathematical models/tools.

Each project shall meet the following conditions (expected technical activities)

- Have effective multidisciplinary collaboration of clinical researchers and medical doctors, translational researchers and computational scientists, industrial partners (where possible), and relevant stakeholders from different countries. Each consortium should include at least one clinical (research)/medical group.
- Address a greater understanding of disease complexity, early diagnosis of disease and the re-definition of disease phenotypes which will lead to improved patient stratification.
- Generate new knowledge which enables the integration of biological and clinical data and the creation of new mathematical/computational models that take into

account the nonlinear spatio-temporal behaviour of complex biological systems. The predictive value of these tools must be validated in well characterized clinical cohorts and the clinical potential must be thoroughly investigated.

- Contribute to refining experimental design and prospective clinical data collection in newly set cohorts by mathematical/computational models which will lead to a better understanding of the biological processes which play a fundamental role in complex disease processes and identification of key common underlying mechanisms in diseases.
- Demonstrate the appropriate quality and relevance of available clinical material and the associated clinical data (patient cohorts with comprehensive clinical characterization/annotation). Exploit the prognostic, diagnostic and therapeutic value of newly collected or already existing clinical material and data or, where relevant, appropriate models.
- Define a clear strategy to clinically validate the outcomes of the project, including the validation of the predictions of *in silico* mathematical/computational models that will be developed using experimental and *ad hoc* collected clinical data.
- Provide a concept for data management and data handling protocols according to internationally state of the art standards. Communication, data storage, data/model exchange and data/model sharing should be agreed upon in a common project knowledge management strategy. In cases that involve the sharing of clinical data, consortia applying will have to provide a data management concept that (i) makes clear that the legal and ethical issues of data management are addressed, i.e. that entities slated to send/receive privacy-sensitive clinical data are (or will be) legally allowed to exchange data and (ii) describes the management and handling of clinical data, pseudonymized & anonymized clinical data, as well of non-clinical data.
- Ensure the comprehensive implementation of a Dissemination Strategy towards key target-groups and particularly to patient organizations and policy makers.

3. Application

The 1st ERA-CoSysMed joint transnational call which is co-funded by the EU will be coordinated centrally by the Joint Call Secretariat (JCS) and will be conducted simultaneously by the funding organizations in their respective countries.

The call will be implemented through a two-step evaluation procedure including submission and evaluation of pre-proposals and full proposals. Applicants must refer and comply with the specific regulations of the national funding organizations (see Annex II). Therefore applicants are strongly encouraged to contact their respective contact person for any queries related to their national regulations.

3.1 Eligibility

Each funding organization will check the eligibility of their national applicants, and the JCS will check the eligibility of the applications.

Applicants are strongly advised to contact their corresponding national/regional representative and confirm eligibility with their respective funding organizations in advance of submitting an application (see Annex II).

Proposals must meet the following eligibility criteria:

- Proposals must be submitted before the application deadlines. Applicants are strongly encouraged to follow the guidelines for applicants under (<https://www.eracosysmed.eu/preview.php?index=15>).
- Proposals must be submitted electronically in the submission tool by the coordinator of the project.
- Proposals must be written in English.
- Proposals must follow the templates provided under (<https://www.eracosysmed.eu/preview.php?index=15>).
- Only projects with project duration of up to three years will be funded.
- Only transnational research projects will be funded. Each consortium submitting a proposal must involve a minimum of three and a maximum of six eligible partners from three different countries participating in the call (not more than two eligible partners per country/funding agency).
- Non-eligible partners that will not receive funding from the 1st ERACoSysMed joint transnational call (JTC-1) may participate in a consortium, providing their own money. The maximum number of partners should not exceed 8 (to avoid an imbalance, a minimum of 50% of all partners must be eligible). Not more than two eligible research groups from the same partner country participating in the call will be accepted.

The consortium members must nominate one partner to act as coordinator. The coordinator must be eligible and from a country from which funding organizations participate in the call. In case of awarding of a grant, the individual research groups will be funded by the individual funding organization of their country/region participating in the 1st ERACoSysMed joint transnational call.

IMPORTANT: Full proposals will be accepted only from consortia explicitly invited by the JCS to submit them.

3.2 Submission of joint proposals

In both steps (pre-proposals and full proposals), one joint proposal should be prepared by the partners of a transnational consortium. Only pre-proposals and full proposals which duly follow the templates provided in the “Guidelines for applicants” and on the website and submitted in the ERACoSysMed submission tool in time will be accepted.

Submission deadline for pre-proposals is **30.03.2015 at 17:00 CET**.

The result of the evaluation of the pre-proposals will be communicated to the coordinators by the JCS by mid May 2015. The coordinators of successful pre-proposals will be invited to submit a full proposal. Submission deadline for full proposals is **30.06.2015 at 17:00 CET**.

Information on how to submit pre-proposals and full proposals electronically is available on the ERACoSysMed website (www.eracosysmed.eu) and in the "Guidelines for applicants". Pre-proposal and full proposal templates are available on the ERACoSysMed website.

A summary of the deadlines of the call can be found in Annex I.

IMPORTANT: Applicants should take note of individual national/regional rules. For applicants from some countries/regions it might be necessary to submit additional documents and/or other information directly to the country/regional funding organizations. Therefore, applicants are strongly advised to check this issue with their national/regional funding organizations for more details (see Annex II).

4. Evaluation

All proposals will be subject to a peer-review and a joint decision process of the funding organizations participating in the call.

4.1 Scoring system

Pre-proposals and full proposals will be assessed according to specific evaluation criteria given below. A scoring system from 0 to 5 will be used to evaluate a proposal's performance with respect to the different evaluation criteria, whereas the meaning of the scores is:

0 — The proposal fails to address the criterion or cannot be assessed due to missing or incomplete information.

1 — Poor. The criterion is inadequately addressed, or there are serious inherent weaknesses.

2 — Fair. The proposal broadly addresses the criterion, but there are significant weaknesses.

3 — Good. The proposal addresses the criterion well, but a number of shortcomings are present.

4 — Very Good. The proposal addresses the criterion very well, but a small number of shortcomings are present.

5 — Excellent. The proposal successfully addresses all relevant aspects of the criterion. Any shortcomings are minor.

4.2 Evaluation criteria for proposals

The experts will assess the pre-proposals as well as full proposals based on the following criteria:

- 1) Excellence
- sound rationale and research hypothesis based on a clinical need;

- clearly defined idea or concept
- use of an innovative and suitable approach for applying Systems Medicine
- feasible testing of the concept during the course of the project
- expected progression beyond the current state-of-the-art

2) Impact

- meets the aims of the call (the general advancement, implementation and consolidation of the establishment of Systems Medicine approaches tailored for medical research and/or the clinic) and clearly contributes to the increasing of European competitiveness by leveraging –as a substantial added value- on existing investments in Systems Medicine;
- the potential of results that lead to future clinical, public health and/or other socio-economic relevant applications and benefits with a clear evidence that Systems Medicine do represent an improvement over established practice;
- suggest new paths for clinical research aiming at delivering better prevention and more efficient and personalized therapies throughout life;
- support the European Policy for the development of personalized medicine

3) Quality and efficiency of implementation

- balance of the partnership, transnational added value and quality of the consortium
- adequate use of data management;
- allocation and justification of resources;
- adequate project management, stating task allocation, deliverables, milestones and using a Gantt chart

4.3 Evaluation procedure

Pre- and full proposals will be evaluated according to the evaluation criteria above. Evaluations will be carried out by the independent evaluator experts.

Each pre-proposal will be remotely evaluated by three evaluator experts who will produce individual evaluation reports according to the evaluation criteria. Based on the scores in the written reports a ranking list will be set up. Based on the ranking list the CSC will decide which pre-proposals will be invited to submit full proposals. If necessary, the number of proposals that are invited to submit full proposals may be limited to a funding total of two or three times that of the available budget of the call.

Each full proposal will be remotely evaluated by at least three evaluator experts who will produce individual evaluation reports according to the evaluation criteria.

Rebuttal step

The evaluation process foresees a rebuttal phase for full proposals to provide applicants with the opportunity to reply to issues raised by the experts in the remote phase. All remote reviews will be made available through the submission system for the corresponding project coordinator without revealing the identity of the reviewers. Project coordinators may comment on possible factual errors or misunderstandings and reply the evaluators' questions after consulting the consortium. However, issues which are not related to evaluators' comments or questions cannot be addressed and the work plan cannot be modified at this stage.

The applicants will have up to one week for the optional response to the evaluators' comments.

Panel meeting

A consensus meeting will be held in which the experts will discuss each full proposal and determine the final scores. Based on these scores a ranking list will be established as the outcome of the evaluation.

Subsequently, the funding organizations will issue a selection list of projects to be funded following the order of the ranking list.

5. Funding

An earmarked budget of approximately EUR 12 Mio is available for these projects. Indicative budgets per participating funding organization are indicated in Annex II under National budget commitment.

Consortium Agreement

The coordinator of a successful research project consortium is responsible for the preparation and negotiation of the consortium agreement (CA) among the participating partners (addressing the issues listed in the "Guidelines for Applicants"). Any intellectual property issues arising will be dealt with through this agreement thereby ensuring that these are not in conflict with the regulations of the programme owners. Partners of the project are strongly encouraged to sign the CA before the official project start date, and in any case the CA has to be signed no later than six months after the official project start date. Please note that national regulations may apply concerning the requirement for a CA. On request, the Consortium Agreement must be made available to the JCS or national funding organizations, together with any other information required by national regulations.

Support for the preparation of a consortium agreement can be found on the DESCA webpage (<http://www.desca-2020.eu/>).

6. Reporting requirements

Publication of funded project abstracts

Abstracts of the projects selected for funding will be published on the ERACoSysMed website.

Reporting on national level

Individual research groups will be monitored by their respective national funding organization. Therefore, the individual research groups must report to their respective national funding organization according to the national rules.

Reporting on the level of ERACoSysMed

In addition to the national reporting obligations, the project coordinator shall submit on behalf of the consortium annual and final progress reports in English to the JCS. Templates for the reports will be provided by the JCS. These joint reports will be assessed by the JCS. The coordinators and/or principal investigators may be asked to present the results of the funded projects at mid-term and final status seminars.

An executive non-confidential summary of reports will be published on the ERACoSysMed homepage. Any publications resulting from the funded projects must acknowledge the respective national funding organizations and the ERACoSysMed. An electronic copy of such publications must be sent to the JCS.

Annex I - Indicative timetable of the call

16.02.2015	Publication of the call
30.03.2015	Submission deadline for pre-proposals
Mid May 2015	Communication of the results of the pre-proposal assessment and invitation for full proposals
30.06.2015	Submission deadline for full proposals
late October 2015	Communication of the results of the full proposal assessment
Early 2016	First projects start

Annex II – National/regional contact persons, budget information and regulations

Country		Germany
Funding organization		BMBF
Contact person		<div>Dr. G. Miczka Tel: +49-2461-612716 E-mail: g.miczka@fz-juelich.de</div> <div>Dr. M. Kirschner Tel: 49-2461-616863 E-Mail: m.kirschner@fz-juelich.de</div>
National budget commitment (Mio €)		3,98
Maximum funding per participant or anticipated number of research groups to be funded		
Eligibility of applicants	Academia	Yes
	Hospitals	Yes
	Industry	Yes The company, which is partner in a proposal, must be registered in Germany and must be well established in Germany with plants, laboratories, employees, etc. The proposed project must add benefit to the national economy.
Eligible costs		Personnel, travel costs, consumables, equipment and subcontracts according to national rules Overheads are eligible costs
Additional documents to be submitted		In addition to the electronic submission of pre-proposals industrial partners have to contact Project Management Jülich and may have to submit <ul style="list-style-type: none"> • Kopie des Antrags • Jahresabschluss 2013 oder vorläufige Bilanz 2012 • Erklärung zur Aufbringung des Eigenanteils • Aktuelle BWA • Liquiditätsplanung für die Laufzeit des vorgeschlagenen Projektes In case of positive funding recommendation, German applicants have to submit a formal national application via the electronic application system “easy” (https://foerderportal.bund.de/easy)
Earliest project start date		Early 2016
Further guidance		The funding regulations, the follow-up and reporting of publicly funded projects are regulated according to ANBest (Allgemeine Nebenbestimmungen), BNBest (Besondere Nebenbestimmungen) and NKBF 98 (Nebenbestimmungen für Zuwendungen auf Kostenbasis des Bundesministeriums für Bildung und Forschung an Unternehmen der gewerblichen Wirtschaft für Forschungs- und Entwicklungsvorhaben).

Country		Austria
Funding organization		FWF
Contact person		Dr. Markus Kubicek Tel: +43-1-505 67 40-8202 E-Mail: markus.kubicek@fwf.ac.at
National budget commitment (Mio €)		0,5
Maximum funding per participant or anticipated number of research groups to be funded		The FWF anticipates funding of two projects. Given the maximum commitment of € 0,5 Mio, individual proposals should be in the range of approx. € 250.000 and should definitely not exceed the maximum commitment of € 0,5 Mio.
Eligibility of applicants	Academia	YES Applications may only be submitted by individual natural persons. Eligibility criteria will strictly follow the general Funding Guidelines (http://www.fwf.ac.at/de/forschungsfoerderung/antragstellung/einzelprojekte/)
	Hospitals	YES Applications may only be submitted by individual natural persons. Eligibility criteria will strictly follow the general Funding Guidelines (http://www.fwf.ac.at/de/forschungsfoerderung/antragstellung/einzelprojekte/)
	Industry	YES Applications may only be submitted by individual natural persons. Eligibility criteria will strictly follow the general Funding Guidelines (http://www.fwf.ac.at/de/forschungsfoerderung/antragstellung/einzelprojekte/)
Eligible costs		For scientists funded by the FWF, the funding is limited to “project-specific costs, i.e. personnel and non-personnel costs that are essential to carry out the project and that go beyond the resources made available from the research institution’s infrastructure, according to the general FWF Funding Guidelines published at http://www.fwf.ac.at/de/forschungsfoerderung/antragstellung/einzelprojekte/ . The FWF does not finance infrastructure or basic equipment at research institutions. Overheads may not be requested. Subcontracts must be well justified, i.e. must represent the only or the most economical way to have the work performed, please contact the FWF directly for clarification of individual cases
Additional documents to be submitted		The following forms and project specific data must be sent both on paper and electronically (upon notification by the FWF secretariat): 1) FWF forms (completed, signed and stamped as appropriate) including Application Form, Programme Specific Data, Attachment Co-Author, Itemization of requested funding, and, if applicable, National Research

	<p>Partner.</p> <p>2) Additional form international cooperation: should be completed for each additional partner in the consortium.</p> <p>3) If items of equipment are requested (costs above €1,500 incl. VAT), Itemization form Equipment must be completed for each item requested</p> <p>4) One-page summary in English and in German (largely for PR work)</p> <p>All forms are found under: http://www.fwf.ac.at/en/research-funding/application/international-programmes/joint-projects-era-nets/</p>
Earliest project start date	January 2016
Further guidance	<p>Applications must fulfill the requirements of the FWF application guidelines published at http://www.fwf.ac.at/de/forschungsfoerderung/antragstellung/einzelprojekte/.</p> <p>Please contact the national contact person for further information.</p>

Country		Belgium
Funding organization		FNRS
Contact person		Dr. Arnaud Goolaerts Mrs. Freia Van Hee Tel: +32 2 504 93 09 E-Mail: Arnaud.goolaerts@frs-fnrs.be ; Freia.vanhee@frs-fnrs.be
National budget commitment (Mio €)		0,2
Maximum funding per participant or anticipated number of research groups to be funded		The FNRS anticipates to fund one project. Given the maximum commitment of € 0,2 mio, individual proposals not exceed the maximum commitment of € 0,2 mio.
Eligibility of applicants	Academia	YES Applications may only be submitted by individual natural persons. Eligibility criteria will strictly follow the rules and regulations of FNRS: http://www.ncp.fnrs.be/index.php/appels/era-nets
	Hospitals	Academic hospitals only under certain conditions, see: http://www.ncp.fnrs.be/index.php/appels/era-nets
	Industry	NO
Eligible costs		Eligible cost items include personnel, equipment and running costs within the limits stipulated in the rules and regulations for this call: http://www.ncp.fnrs.be/index.php/appels/era-nets
Additional documents to be submitted		Funded researchers have to provide additional administrative information to FNRS.
Earliest project start date		One month after the final funding decision of the Call Steering Committee.
Further guidance		Please contact the national contact person for further information

Country		Belgium
Funding organization		FWO
Contact person		Dr. Olivier Boehme +32 (0)2 550 15 45 eranet@fwo.be
National budget commitment (Mio €)		0,2
Maximum funding per participant or anticipated number of research groups to be funded		1 project at maximum 200.000 euro
Eligibility of applicants	Academia	Yes
	Hospitals	No
	Industry	No
Eligible costs		Staff, consumables and equipment as specified in Articles 17-22 of the FWO Regulations for Research Projects (http://www.fwo.be/en/fellowships-funding/research-projects/research-project/regulations-for-research-projects/)
Restriction to project duration		3 years
Additional documents to be submitted		None
Earliest project start date		Variable
Further guidance		eranet@fwo.be

Country		France
Funding organization		ANR
Contact person		Dr. Serena Battaglia Tel: +33-178098014 E-mail: serena.battaglia@agencerecherche.fr Dr. Daria Julkowska Tél: +33-178098078 E-mail: daria.julkowska@agencerecherche.fr
National budget commitment (Mio €)		2
Maximum funding per participant or anticipated number of research groups to be funded		The ANR has a maximum funding per partner for this call: each research team can be funded with a maximum amount of 250 000 €. Minimum amount per partner: 15 000 €"
Eligibility of applicants	Academia	Yes
	Hospitals	Yes
	Industry	Yes
Eligible costs		Personnel, Consumables, Subcontracts (subcontracting costs of max 50% of requested budget per partner), Small Equipment, Travel Maximum rate of support 100% of additional costs for partners from academia and hospitals, 45% of total costs for SMEs and 30% of total costs for larger companies

Additional documents to be submitted	None
Earliest project start date	December 2015
Further guidance	The online specific annex document for research groups applying to this call for funding in France: http://www.agence-nationale-recherche.fr/ERACoSysMed-2015

Country	Ireland
Funding organization	SFI
Contact person	Dr Kevin Walsh Tel: +353-1-6073139 E-mail: kevin.walsh@sfi.ie
National budget commitment (Mio €)	0,58
Maximum funding per participant or anticipated number of research groups to be funded	Funding sought cannot be in excess of the national budget commitment. Applicants need to fully justify their grant budget.
Eligibility of applicants	<p>Academia</p> <p>YES</p> <ul style="list-style-type: none"> - The investigator(s) from Ireland must be from a recognized host institution. - The investigator must hold a PhD, MD or equivalent. - The PI named on the award must: <ul style="list-style-type: none"> • hold a post (permanent or a contract that covers the duration of the award) in a recognised research institution in the Republic of Ireland (the “Host Institution”) as an independent investigator, OR • be a contract researcher recognised by the Host institution as an independent investigator who will have a dedicated office and research space for the duration of award, for which he/she will be fully responsible, OR • be an individual who will be recognised by the Host Institution upon receipt of the award as a contract researcher as defined above. The Principal Investigator does not necessarily need to be employed by the Host Institution at the time of the application submission. - The PI must have demonstrated research independence through securing at least one peer-reviewed, independent research grant as a Principal Investigator or as Co-Investigator and be a senior author (first, last or corresponding or in those fields where alphabetic order authorship is the norm, joint author) in peer-reviewed

		<p>scientific journals.</p> <ul style="list-style-type: none"> - The PI cannot request a salary. - Any named co-applicants cannot request their own salary.
	Hospitals	NO
	Industry	NO
Eligible costs		<ul style="list-style-type: none"> • Salary-related costs • Small equipment costs • Travel • Direct running costs • Dissemination and knowledge exchange costs • Overheads.
Additional documents to be submitted		
Earliest project start date		December 2015
Further guidance		Please also refer to the “Science Foundation Ireland: Grants and Awards: Grant Terms & Conditions” and also the SFI grant application budget policy.

Country		Israel
Funding organization		CSO-MOH
Contact person		<p>Dr. Ahmi Ben-Yehudah</p> <p>Tel: +972-2-5082161</p> <p>E-mail: ahmi.by@moh.health.gov.il</p>
National budget commitment (Mio €)		0,20
Maximum funding per participant or anticipated number of research groups to be funded		CSO-MOH intends to finance 2 projects with a maximum funding of 100K€. If two groups apply for the same project – a total of 100K will be divided between the groups.
Eligibility of applicants	Academia	YES
	Hospitals	YES
	Industry	NO
Eligible costs		<p>No salaries for applicants</p> <p>No heavy equipment</p>
Additional documents to be submitted		<p>1)-Prior to deadline, a short summary should be submitted to CSO-MOH by email. with Research authority CC'ed</p> <p>summary should include:</p> <p>Project name and acronym, project partners and affiliations, requested budget and Description of work with emphasis on Israeli partner. The total length should not exceed 1 page,</p> <p>2)-National application forms will be filled after funding recommendation</p>
Earliest project start date		01.01.2016
Further guidance		http://www.health.gov.il/Subjects/research/Pages/Research-Foundation.aspx

Any other issue?	PI can have only one funded project from CSO-MOH at any given time
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Country	Italy	
Funding organization	Ministero Della Salute	
Contact person	Dr. Gaetano Guglielmi (g.guglielmi@sanita.it) Head office 3 (Health Research, IRCCS) Direzione Generale della ricerca sanitaria e biomedica e della vigilanza sugli enti Viale Giorgio Ribotta, 5 00144 Roma Telefono: 0659943686 Fax: 0659943128	
National budget commitment (Mio €)	0,5	
Maximum funding per participant or anticipated number of research groups to be funded	The Ministry of Health intends to finance 3 to 4 projects. Maximum funding for grant awarded to a project partner about 0.20 M€	
Eligibility of applicants	Academia	NO
	Hospitals	Only NHS Institution
	Industry	NO
Eligible costs	Only costs generated during the lifetime of the project can be eligible. Personnel (only ad hoc contracts/consultants/fellowship, max 50% of the requested fund); travel costs and subsistence allowances (max 10% of the requested fund); equipment (rent/leasing only), consumables, dissemination of results (publications, meetings/workshops etc.) (max 1% of the requested fund); data handling and analysis; overhead (maximum 10% of the requested fund). (All according to national regulations). Travel expenses and subsistence allowances associated with training activities linked to the project.	
Additional documents to be submitted	In order to expedite the eligibility check process, the Ministry of Health will grant an eligibility clearance to the applicants prior to the submission of the pre-proposals. To this end, it is mandatory that the applicants fill out and return a pre-eligibility check form through IRCCS Scientific Directorate or Regional Research Office using WFR System, before submitting their pre-proposals to the Joint Call Secretariat. It is strongly recommended that the form, completed and duly signed, is returned at least 10 working days before the pre-proposal submission deadline. Applicants will be sent a written notification of their eligibility status.	
Earliest project start date	1.10.2015	
Further guidance	Further information on the rules of the Ministry of Health can be found at www.salute.gov.it , on the website page dedicated to the yearly national calls	

	<i>(Bando ricerca finalizzata e giovani ricercatori)</i> , or requested to the national contact persons.
Any other issue?	<p>After the joint ERACoSysMed-JTC 2015 peer review has been completed and the final (scientific) ranking list has been performed and endorsed by the Call Steering Committee, the Ministry of Health will invite the principal investigators of the projects approved for funding to enter the formal national negotiations (according to national regulations) and subscription of a specific agreement.</p> <p>Submission of annual scientific and financial reports at the national level will be required according to the rules of the Ministry of Health. The Ministry of Health informs that according to the National Financial Law, the budget allocated to the project might be sent only after the “PERENZIONE” procedures will be completed, and that NHS Institution need to ensure financial support until the money transfer will be completed.</p>

Country		Luxembourg
Funding organization		FNR
Contact person		Frank Glod frank.glod@fnr.lu Tel: +352-26 19 25-33 Fax: + 352-26 19 25-35
National budget commitment (Mio €)		0,35
Maximum funding per participant or anticipated number of research groups to be funded		1-2
Eligibility of applicants	Academia	Eligibility of applicants
	Hospitals	
	Industry	
Eligible costs		Salary-related costs Small equipment costs Travel Direct running and dissemination and knowledge exchange costs Overheads
Additional documents to be submitted		A summary of the submitted proposal will have to be submitted also via the FNR grant management system
Earliest project start date		
Further guidance		Applicants should contact the National Call Secretariat before application of a proposal
Any other issue?		

Country	The Netherlands
Funding organization	ZonMw

Contact person	Dr. Rob Diemel Tel: +31 70 349 52 52 E-mail: diemel@zonmw.nl	
National budget commitment (Mio €)	1 M€	
Maximum funding per participant or anticipated number of research groups to be funded	Under this call ZonMw aims to fund the Dutch partner(s) of four research projects. Per project, maximally k€ 250 can be requested from ZonMw. This budget must include a reserved budget of minimally 5 k€ for data management (incl. travel and subsistence for the project data management representative / PAL).	
Eligibility of applicants	Academia	Eligibility of applicants
	Hospitals	Yes, when in line with Grant Terms and Conditions. See www.zonmw.nl/nl/subsidies/voorwaarden-en-financien/
	Industry	Yes, but industry is not allowed to apply for ZonMw budget in this call
Eligible costs	<p>The resources provided may be used to pay for academic staff (e.g. postdoc, programmer).</p> <p>Part of the budget may also be used for:</p> <ul style="list-style-type: none"> - consumables and small equipment required specifically for the project. - travel and subsistence to visit labs of consortium partners, to visit conferences and to attend training courses necessary for conducting the research of the project - dissemination, knowledge exchange and implementation 	
Additional documents to be submitted		
Earliest project start date		
Further guidance	Applicants must contact the National Call Secretariat before application of a proposal!	

Country	Norway	
Funding organization	RCN	
Contact person	Ina K. Dahlsveen Tel: +47 40922299 E-mail: ikd@rcn.no	
National budget commitment (Mio €)	1,42	
Maximum funding per participant or anticipated number of research groups to be funded	679 000 EUR (5 mill NOK)	
Eligibility of applicants	Academia	Eligibility of applicants
	Hospitals	
	Industry	
Eligible costs	Universities and research organisations may receive funding according to the rules of Researcher projects (Forskerprosjekt) of RCN. In these cases up to 100% of	

	total eligible costs may be funded. Companies and commercial entities may receive funding according to the rules of Innovation Project for the Industrial Sector (Innovasjonsprosjekter i næringslivet) of RCN. In these cases up to 50% of total eligible costs may be funded.
Additional documents to be submitted	
Earliest project start date	December 2015
Further guidance	
Any other issue?	The Research Council of Norway (RCN) participates through the national program Biotechnology for Innovation (BIOTEK2021) in all call topics. RCN does not require a national application, but it should be clear from the common application what role the Norwegian partners would have and the size of their budget.

Country		Slovakia
Funding organization		Slovak Academy of Sciences (SAS)
Contact person		Ms Katarina BIBOVA International Cooperation Cepartment Stefanikova 49 814 38 Bratislava Slovak Republik Tel: +421 2 5751 0136 E-mail: bibova@up.upsav.sk Dr. Jan BARANCIK Head of International Cooperation of SAS barancik@up.upsav.sk
National budget commitment (Mio €)		0,24 Mio. €
Maximum funding per participant or anticipated number of research groups to be funded		1-2
Eligibility of applicants	Academia	Eligibility of applicants
	Hospitals	
	Industry	
Eligible costs		Direct costs (DC) : Personnel (max. 15% of DC), Consumables, Equipment (max. 40% of DC) and Travel costs Indirect costs (IC - overheads): max. 20 % of DC. Total eligible costs = DC + IC Training costs shall not be defined as a separate category, but included in other costs items
Restriction to project duration		Max 3 years
Additional documents to be submitted		National phase: Submission of the proposal at the national level will be required in parallel to the international evaluation. The submission will be carried

	<p>out once the international evaluation and the ranking list have been performed and endorsed by the ERACoSysMed Call Steering Committee (CSC) and the Slovak project partner has been informed by the project consortium coordinator and invited by SAS to submit the proposal to it (Formular MVTs). The Presidium of SAS makes the final decision for funding of selected projects</p> <p>Further guidance:</p> <ul style="list-style-type: none"> • Web site: http://www.sav.sk/ • 133 Act of February 19, 2002 on the Slovak Academy of Sciences, • Financial rules for awarding SAS grants for research projects in frame of ERA.Net Programme for research institutes of SAS <p>http://www.sav.sk/index.php?lang=sk&charset=&doc=services-news&source_no=25&news_no=5570</p> <ul style="list-style-type: none"> • Principles of allocation of funds for the institutes of SAS to support projects in the field of international scientific cooperation
Any other issue?	

Country	Slovenia
Funding organization	Ministry of Education, Science and Sport (MIZS)
Contact person	Mr. Luka Živić Science Directorate (MIZS) Masarykova 16, 1000 Ljubljana T: + 386 1 478 47 56 Email: luka.zivic@gov.si
National budget commitment (Mio €)	178.000,00 EUR
Maximum funding per participant or anticipated number of research groups to be funded	<u>1-2 research groups</u> The total requested funding for a Slovenian partner in a consortium should not exceed 89.000,00 EUR.
Eligibility of applicants	Academia
	Hospitals
	Industry
Eligible costs	<p>MIZS will fund eligible costs of Slovenian partners participating in successful transnational projects, recommended for funding in accordance with the Decree on criteria and standards for allocating resources for the implementation of the National Research and Development Program (Official Gazette of the Republic of Slovenia No. 103/11, 56/12 and 15/14):</p> <p>https://www.arrs.gov.si/sl/akti/ured-normstand-rd-marec14.asp.</p> <p>Funding is subject to the availability of national funds and will be conducted in accordance with the Community Framework for State Aid for Research and Development and Innovation (2006/C 323/01):</p> <p>http://eur-lex.europa.eu/legal-</p>

	content/EN/ALL/?uri=CELEX:52006XC1230(01).
Additional documents to be submitted	The Slovenian applicants participating in the call will be required to send a national application form (including description of work and budget) in parallel to submitting the proposal to ERACoSysMed call. Further instructions how to proceed will be published on the MIZS website: http://www.mizs.gov.si/si/javne_objave_in_razpisi/okroznice/arhiv_okroznice/okroznice_razpisi_in_javna_narocila/javni_razpisi/ .
Earliest project start date	1 January 2016
Further guidance	Applicants are strongly advised to contact the Slovenian National Contact Person Mr. Luka Živić before preparing proposals for application.
Any other issue	

Country		Spain
Funding organization		National Institute of Health Carlos III (ISCIII)
Contact person		Carme De Andres Sanchis Building 6 Monforte de Lemos 3 & 5 2829 Madrid - Spain Tel.: +34-918222545 Email: cdandres@isciii.es
National budget commitment (Mio €)		0,5
Maximum funding per participant or anticipated number of research groups to be funded		3-5 research groups <ul style="list-style-type: none">• Maximum € 100,000.00 per project partner. Should there be 2 Spanish partners funded by ISCIII in the same proposal, a maximum of € 150,000.00 may be awarded.• Maximum € 150,000.00 per consortium coordinator. Should there be 2 Spanish partners funded by ISCIII in the same proposal, a maximum of € 200,000.00 may be awarded Funding by ISCIII is subject to the approval of the relevant annual appropriations by the Spanish Parliament
Eligibility of applicants	Academia	
	Hospitals	<ul style="list-style-type: none">• Hospitals• Primary health care or public health settings (from the National Health Service) with legal address in Spain (for further information please check Spanish Act 50/ 2002, December 26th).• Certified Health Research Institutes in accordance with the Royal Decree 339/2004 (only if the Spanish applicant is the consortium coordinator).• CIBERs (only if the Spanish applicant is the consortium coordinator).
	Industry	

Eligibility of PIs and research members	<ul style="list-style-type: none"> • Only one application can be submitted per Spanish partner: additional submissions will be rejected. • PI must be a senior researcher and have a contractual relationship with an eligible organisation. • Research team members must have a contractual relationship/fellowship with an eligible organisation. <p>Excluded personnel as Principal Investigator (PI):</p> <ul style="list-style-type: none"> • Those undergoing a postgraduate training in Health Specialisation. • Those currently undergoing research training (e.g. PhD students, or “Rio Hortega Programme”). • Research personnel contracted by a RETICS or a CONSOLIDER. • Those undergoing Post-doctoral training (e.g. “Sara Borrell” or “Juan de la Cierva” contracts).
Eligible costs	<p>Only expenses and invoices charged during the lifespan of the awarded grant will be accepted.</p> <p>Personnel costs Hiring additional full-time or part-time technical personnel (i.e. those not part of the research team), is allowed (up to 3 years) only when the Spanish applicant is the transnational consortium coordinator.</p> <p>*Students and fellows are not eligible.</p> <ul style="list-style-type: none"> • Prefixed bulk cost (salary + taxes + social security, etc.) per annual full-time contract. • Technical expert, higher degree: € 29,500.00 • Technical expert, medium degree: € 24,500.00 • Technical expert, FP II: € 20,500.00 <p>Consumables and equipment</p> <ul style="list-style-type: none"> • Up to € 40,000.00 • Up to € 20,000.00 if the Spanish applicant is NOT the consortium coordinator. <p>Travel and allowance only applies to the project’s research team:</p> <ul style="list-style-type: none"> • Up to € 10,000.00 if the applicant is the transnational consortium coordinator. • Up to € 6,000.00 (devoted to dissemination of results, field studies and/or coordination of meetings) if the applicant is NOT the consortium coordinator. <p>Subcontracts</p> <ul style="list-style-type: none"> • Commissions (up to 50%). • Subcontracting with private (Bio) companies and SMEs is permitted. <p>Overheads (ex officio): up to 21% of the project’s total awarded costs.</p>
National phase	<p>Important: After the international evaluation has taken place, all Spanish applicants invited to the full-proposal stage, must submit the project proposal along other documents, via ISCIII’s online submission tool. For more details, please contact ISCIII’s national contact point.</p> <p>Granted projects must state “Award nº XX by ISCIII</p>

	thorough AES and EC within AAL framework“ on any publication arising from it even after completion of the funded period
Earliest project start date	01/01/2016
Further guidance	For more detailed information, please check Acción Estratégica en Salud: www.isciii.es/ISCIII/es/contenidos/fd-investigacion/fd-financiacion/convocatorias-ayudas-accion-estrategica-salud.shtml