ERA-NET on Cardiovascular Diseases

Joint Transnational Call for Proposals 2020 (JTC2020):

"Prevention of Vascular Cognitive Impairment through Early Detection of Cardiovascular Diseases"

Guidelines for applicants

Submission deadline Proposals:
April 2nd 2020, 17:00 (CET)

The links to the proposal templates, the electronic proposal submission system, the guidelines for applicants and further information can be found at the ERA-CVD website:

www.ERA-CVD.eu

Content

1. BACKGROUND

Under the umbrella of ERA-CVD a joint transnational call (JTC 2020) is now launched to promote co-operation and interchange between Scientists and thus enable international collaboration and new consortia establishment in the cardiovascular research.

2. REGISTRATION

Research consortia that intend to submit a transnational project proposal should register through the electronic proposal system as soon as possible: https://ptoutline.eu/app/era-cvd_jtc2020

To register, please fill in the data fields within the system. The same data sheets can later be used for the final electronic proposal submission. Particularly, research consortia are encouraged to provide as early as possible key words that match to the proposed project.

3. PROPOSAL SUBMISSION

JTC 2020 will be implemented through a **one stage submission procedure**.

The proposal document must be written in English and be submitted to the Joint Call Secretariat (JCS) by the coordinator of the project through the dedicated electronic submission tool exclusively https://ptoutline.eu/app/era-cvd_jtc2020 within the deadline indicated below.

Electronic proposal submission is mandatory. Proposals (in English) must be submitted to and received by the JCS in an electronic version via the submission tool **no later than April 2nd 2020 at 17:00 (Central European Time - CET).**

Please note that a signed paper version of your proposal will not be solicited. However, the proposal need to be signed. **An electronic signature or a scan of the paper containing the signature will be accepted**.

Please take into account that the online data entry may be overloaded on the days of the deadlines. It is therefore recommended to upload all the required data in due time.

4. PROPOSAL STRUCTURE

Please note that only the proposal template provided on the ERA-CVD web page (www.ERA-CVD.eu) will be accepted. The proposal document must respect the format (DIN- A4, Arial 11, single-spaced, margins of 1.27 cm) and the length indicated below. Proposals exceeding these limitations will be rejected.

Proper research designs and analyses are essential to ensure the scientific soundness, robustness of the research and reproducibility of research findings. The proposal form will require applicants to provide comprehensive and detailed descriptions of the planned study design and

data analyses. The review panel will scrutinize this information as part of the formal evaluation criteria (1-excellence. Assistance for provision of the information on experimental design can be found in the general ARRIVE guidelines1.

Applicants are invited to name potential experts suited for the evaluation of their proposals. These experts should not have any conflict of interest (e.g. co-publication in the past three years or current close collaboration) with the partners involved, otherwise they will not be considered. Experts not suited due to conflict of interest (e.g. direct competition) could also be named in the proposal.

Proposals must include the following information:

1. Project title and acronym.
2. Name and full affiliation of the project coordinator designated by the consortium to act as its representative.
3. Names and full affiliations of the principal investigators participating in the joint transnational project.
4. Duration of the project (months).
5. Total budget applied for. This should be indicated in EURO. For national/regional limitations consult ANNEX1 and ANNEX2
6. Keywords (between three and seven keywords representing the scientific content).
7. Abstract (max. 1600 characters including spaces).
8. Description of the project (once converted into PDF document: max. 5 pages DIN-A4, Arial 11, single-spaced, margins of 1.27 cm). The summary must contain:
    - Background and present state of the art in the research field and preliminary results obtained by the consortium members.
    - Description of the working program including the objectives, the rationale and the methodology, highlighting the novelty, originality and feasibility of the project as well as, if applicable, how gender aspects1 will be taken into account.
    - Unmet medical and patient need that is addressed by the proposed work and the potential health impact that the results of your proposed work will have, including the consideration of gender[2] aspects.
    - Added value of the proposed transnational collaboration.
9. Diagrams of the work plan, timeline, work flow and interconnections of work packages (Gantt chart, Pert or similar, max. 1 page).
10. In addition, maximum two more pages can be added to the proposal.
    - A list of references (max. 1 page).

[1] www.nc3rs.org.uk/arrive-guidelines. The ARRIVE guidelines are a reporting metric and not strictly a guide for applicants. However, to structure experimental design and procedures these guidelines provide hints of what information to provide. The experimental design in the full proposal template defines how to provide it. A specific Experimental Design Assistant is provided by the NC3R (UK): https://eda.nc3rs.org.uk.

[2] Please click here for more information on how gender differences can be addressed.

- Page of diagrams, figures, etc. to support the work plan description (max. 1 page).

11. Brief CV for each principal investigator including a description of the main domain of research and a list of the 5 most relevant publications within the last five years related to the proposal (once converted into PDF document: max. 1 page DIN-A4, Arial 11, single-spaced, margins of 1.27 cm per principal investigator).

12. Date and signature of the coordinator.

5. BUDGET REQUESTED

Details about the budget requested will be queried in the electronic proposal submission system. Make sure to access the electronic submission tool as soon as possible. **All financial details will be generated on a separate data sheet within the system.** The budget needs to be provided in **Euro (€)**.

6. CHECK LIST BEFORE SUBMITTING THE PROPOSAL

- Make sure that your proposal falls into the scope of the call;
- Make sure that your proposal fulfils the eligibility criteria of the joint transnational call;
- Make sure that **each consortium member has understood the national eligibility criteria and requirements** and that they all fulfil these criteria (**Annex2: National/regional regulations**);
- Make sure that the composition of the consortium fits the eligible criteria for consortia: check the table in the call text;
- Prepare your proposal in advance;
- Enter the requested information on the electronic submission site as soon as possible;
- Use the electronic submission tool to enter your budget requested;
- It is strongly recommended that all applicants register in the partnering tool http://partnering.pt-dlr.de/ERA-CVD

Only the proposal templates provided on the ERA-CVD web page (www.ERA-CVD.eu) will be accepted. Proposals exceeding the length limitations of each section **will be discarded without further review**

Proposals not meeting the formal criteria or the national eligibility criteria and requirements **will be declined without further review.**

Applicants are advised to read the national eligibility criteria and requirements and confirm eligibility with their respective funding organisations in advance of submitting an application (See **ANNEX2: National/regional regulations**).

7. PROJECT START AND CONSORTIUM AGREEMENT

Consortium members of projects selected for funding must establish a common project start date, which would be the reference date for yearly and final reports and extensions. This common project start date must appear in the Consortium Agreement.

It will be the responsibility of the research consortium coordinators to draw up a Consortium Agreement (CA) suitable to their own partners' needs in order to manage the delivery of the project activities, finances, intellectual properties rights (IPR) and to avoid disputes which might be detrimental to the completion of the project.

The research consortium is strongly encouraged to sign this 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.

The purpose of this document will be:

- To underpin the research partners' collaboration and provide the research partners with mutual assurance on project management structures and procedures, and their rights and obligations towards one another.
- To assure the CSC that the research consortium has a satisfactory decision making capability and is able to work together in a synergistic manner.

The following subjects (as a minimum) should be addressed by the CA:

- Purpose of and definitions used in the CA.
- Names of organisations involved.
- Common start date of the research project.
- Organisation and management of the project.
- Role and responsibilities of the research consortium coordinator and the research partners: person in charge, their obligations and key tasks, conditions for their change.
- Deliverables (transnational reports and if relevant requirements for national reports where coordination is required).
- Resources and funding.
- Confidentiality and publishing.
- Intellectual Property Rights (how this issue will be handled between research partners).
- Decision making within the consortium.
- Handling of internal disputes.
- The liabilities of the research partners towards one another (including the handling of default of contract).
- An example of a consortium agreement can be found on the ERA-LEARN website:
- https://www.era-learn.eu/news-events/news/model-consortium-agreement-available.

ANNEX1: Overhead cost per country/region

COUNTRY/REGION	FUNDING AGENCY	OVERHEADS
Belgium	Research Foundation Flanders	Overhead is not an eligible cost and should not be taken up in the budget table. Notwithstanding, the FWO pays the host institution of a researcher involved in a project consortium directly 6% overhead on top of the funding amount.
Belgium	Fund for Scientific Research - FNRS	“Overhead” is not an eligible cost. If the project is selected for funding, these costs will be subject to a separate agreement between the institution of the beneficiary and the F.R.S.-FNRS.
Canada	Canadian Institutes of Health Research	No overhead is chargeable on CIHR grants, as the funding will contribute to the calculation of the tri-agency Research Support Fund.
Estonia	Estonian Research Council	Up to 20% of eligible direct research costs
France	French National Research Agency	8% of all eligible projects costs for research institutions. Check ANR’s funding regulations
Israel	Chief Scientist Office of the Ministry of Health	Overhead costs are 10% of the direct costs
Italy	Italian Ministry of Health	Maximum 10% of the requested fund. All according to national regulations
Latvia	State Education Development Agency	Overheads can reach 25% from direct costs exempt subcontracting
Norway	The Research Council of Norway	The amount of funding that may be sought from the Research Council of Norway for academic personnel is defined in relation to the lump-sum rates: https://www.forskningsradet.no/en/apply-for-funding/Budget/ Overhead is included in the lump-sum allocations.
Poland	National Centre for Research and Development	The costs cannot account for more than 25% of eligible project costs, and are counted as a percentage of the direct project costs, excluding subcontracting. Project Investigator should contact the Polish national contact point for details
Slovakia	Slovak Academy of Sciences	20% of the direct costs

COUNTRY/REGION	FUNDING AGENCY	OVERHEADS
Spain	National Institute of Health Carlos III	Up to 21% of direct cost and included in the maximum funding per grant awarded to a partner (see national regulations below).
Taiwan	Ministry of Science and Technology	8-15%
Turkey	The Scientific and Technological Research Council of Turkey	Max. 25% of the direct cost"

ANNEX2: National/regional regulations

It is strongly advised that all applicants contact their ERA-CVD National Contact Point in good time before the submission of a proposal.

Belgium: Research Foundation Flanders (FWO)

Country (region)	Belgium (Flanders)
Funding organisation	The Research Foundation – Flanders (FWO)
National contact person	Alain Deleener Phone: +32 2 550 15 95 Toon Monbaliu Phone: +32 2 550 15 70 Email: eranet@fwo.be
Funding commitment	0,2 m.€
Anticipated number of fundable research partners	1
Maximum funding per grant awarded to a partner	0,2 m.€
Eligibility of a partner as a beneficiary institution	Researchers have to comply with the Junior and Senior Research projects regulation. More specifically, Arts. 10-12 should be paid special attention to, as this implies an obligatory 'ZAP-position' for participation. This article states clearly who can apply as a Principal Investigator for a research project.
Eligibility of costs, types and their caps	Funding money can be used for staff, consumables and infrastructure. The minimal and maximal amounts of money allowed per cost category, as applicable for the regular FWO-projects, are not applicable for the projects funded by FWO in ERA-NET. Moreover, FWO pays the host institutions of a project 6% overhead on top of the funding amount, which should not be budgeted though in the budget table.
Submission of the proposal at the national level	No
Consortium Agreement – additional specific national requirements	No specific requirements. A copy is needed though.
Data Management Plan / FAIR data – additional specific national requirements	No. Compliance with ERA-CVD-framework is required.

Belgium: Fund for Scientific Research (FNRS (F.R.S.-FNRS))

Country (region)	Belgium (Wallonia-Brussels Federation)
Funding organisation	The Research Foundation – Flanders (FWO)
National contact person	Joel Groeneveld, Joel.Groeneveld(at)frs-fnrs.be, 02 504 92 70 Florence Quist, Florence.Quist(at)frs-fnrs.be, 02 504 93 51
Funding commitment	0,2 m.€
Anticipated number of fundable research partners	1
Maximum funding per grant awarded to a partner	0,2 m.€
Eligibility of a partner as a beneficiary institution	All eligibility rules and criteria can be found in the PINT-MULTI regulations.**This call is NOT co-funded by the European Commission (See article III.3).**.
Eligibility of costs, types and their caps	All eligibility rules and criteria can be found in the PINT-MULTI regulations.**This call is NOT co-funded by the European Commission (See article III.3).**
Submission of the proposal at the national level	**YES** Applicants must provide basic administrative data by submitting an administrative application on E-SPACE for the same deadline as the consortium application is submitted. Please select the "PINT-MULTI" funding instrument when creating the administrative application. Proposals invited to the second stage will be able to complete the pre-proposal form and provide information for the full proposal upon validation by the F.R.S.-FNRS.
Consortium Agreement – additional specific national requirements	No specific additional requirements.
Data Management Plan / FAIR data – additional specific national requirements	No. Compliance with ERA-CVD-framework is required.

Canada: Canadian Institutes of Health Research (CIHR-ICRH)

Country	Canada
Funding organisation	Canadian Instituties of Health Research
National contact person	Bryan Lemire Phone: 1-613-952-5728 Email: Bryan.Lemire@cihr-irsc.gc.ca Ryan Perry Phone:1- 780-492-5748 Email: rjperry@ualberta.ca
Eligible Applicants (Canada)	1. The Canadian applicant must be an independent researcher as defined at http://www.cihr-irsc.gc.ca/e/34190.html#r6 2. The Canadian applicant must be either an early career investigator (a researcher who has held a full time independent research appointment for a period of 0 to 5 years) **or** a mid career investigator (a researcher who has assumed his/her independent research position 5-15 years ago) at the time of full application. All time spent in research appointments will be taken into consideration when determining eligibility. Should an applicant hold or have held a part-time appointment, CIHR will count that time as 50% (e.g., a one-year part-time appointment will count for 6 months towards the maximum). Leaves of absence will be considered in the calculation of eligibility (i.e., will not count towards the maximum) and should be included in the Employment section under Leaves of Absence in your Common CV.
Funding commitment	$600,000 CAN (~0,4 Mio. €)
Anticipated number of fundable research partners	2
Maximum funding per grant awarded to a partner	$300,000 CAN (~0,2 Mio. €)
Eligibility of a partner as a beneficiary institution	The Nominated Principal Applicant must be registered at an eligible institution (See Institutional Eligibility Requirements for eligibility process and associated timelines http://www.cihr-irsc.gc.ca/e/22630.html#1-D2)

Eligibility of costs, types and their caps	Research costs must adhere to the Tri-council Financial Administration Guide (see http://www.nserc-crsng.gc.ca/Professors-Professeurs/FinancialAdminGuide-GuideAdminFinancier/index_eng.asp)
Submission of the proposal at the national level	Yes – Additional application material is required to be submitted to CIHR at the full application stage. This information is available via ResearchNet.
Consortium Agreement – additional specific national requirements	For Canadian researchers, when applicable please check the box that confirms you are not subject to Belgium Law
Data Management Plan / FAIR data – additional specific national requirements	Recipients of CIHR funds are expected to adhere to the Tri-council principles and established policies on Research Data Management, as they may exist throughout the period of time during which the grant is held.

Estonia: Estonian Research Council (ETAg)

Country	Estonia
Funding organisation	Estonian Research Council
National contact person	Katrin Kello katrin.kello@etag.ee
Principal Investigator – National conditions and eligibility	**The Principal Investigator** is the researcher who submits the project proposal and who will be responsible for the use of the grant and for the implementation of the project. The Principal Investigator: must have an updated public profile in the Estonian Research Information System (ETIS), or as an alternative, convert his/her ETIS publications table into a PDF and send it directly to the ERA-NET's contact point at ETAg; must hold a doctoral degree or an equivalent qualification. The degree must be awarded by the submission deadline of the grant application, at the latest; must have published at least three articles which comply with the requirements of clause 1.1 of the ETIS classification of publications, or at least five articles which comply with the requirements of clauses 1.1, 1.2, 2.1 or 3.1, within the last five years prior to the proposal submission deadline. International patents are equalled with publications of clause 1.1. A monograph (ETIS clause 2.1) is equalled with three publications mentioned in clause 1.1 if the number of authors is three or less. If the applicant has been on pregnancy and maternity or parental leave or in the compulsory military service, or has other serious grounds, the publication period requirement will be extended by the respective time.
Funding commitment	100,000€
Anticipated number of fundable research partners	1
Maximum funding per grant awarded to a partner	100 000
Eligibility of a partner as a beneficiary institution	The Host Institution must be registered and located in Estonia. R&D institutions must conform to the Organisation of Research and Development Act. For enterprises, subsection 3(2) of the Organisation of Research and Development Act does not apply.

Eligibility of costs, types and their caps	See the ***National Eligibility Criteria for Estonian Applicants*** *Requesting Funding from* ***State Budget Means***.
Submission of the proposal at the national level	No. However, the host institution must declare that the project can be carried out within their premises and that it will employ the Principal Investigator during the proposed project, should the project receive funding.
Consortium Agreement – additional specific national requirements	Needs to be signed before ETAg's grant agreement with the Estonian PI and their host institution is signed.
Data Management Plan / FAIR data – additional specific national requirements	No additional requirements.

France: French National Research Agency (ANR)

Country	France
Funding organisation	Agence Nationale de la Recherche (ANR); http://www.anr.fr
National contact person	**Deborah Zyss** Phone : +33 (0) 1 73 54 81 74 E-mail: deborah.zyss@agencerecherche.fr
Funding commitment	1,0 Mio €
Anticipated number of fundable research partners	3-4
Maximum funding per grant awarded to a partner	ANR funding will be limited to 250 000 € per French applicant. For a French team taking over the coordination of the project, the maximum budget can be increased up to 300 000 €. Minimum amount per partner: 15 000 €.
Eligibility of a partner as a beneficiary institution	ANR's funding regulations apply. Please refer to https://anr.fr/fileadmin/aap/2019/ANR-RF-2019-1.pdf for more details. ANR may finance Partners that have their primary establishment in France and/or Partners established in the EU and that can prove that they have a secondary establishment in France. Within this framework, public research institutions such as EPST, EPIC, Universities, University hospitals as well as most French public interest foundations can apply, in general for up to 100% of direct costs. This list is not comprehensive and funding rates vary. Please consult https://anr.fr/fileadmin/aap/2019/ANR-RF-2019-1.pdf for more details. Enterprises: Funding rates vary based on types of research and sizes of enterprises. The maximum rates of funding are: 45% of the full project cost for SMEs, 30% for larger companies. Please refer to https://anr.fr/fileadmin/aap/2019/ANR-RF-2019-1.pdf for more details.
Eligibility of costs, types and their caps	Eligible costs and rates of funding depend on the type of partners. Among others, eligible costs may include the following: personnel costs; equipment costs; consumables and animal costs; travel and subsistence costs; sub-contracting costs. Institutional overheads 8%. Please refer to ANR's funding regulations for more details.
Submission of the proposal at the national level	No

Consortium Agreement – additional specific national requirements	Please read carefully the guidelines for French applicants on the ANR website http://www.anr.fr/ERA-CVD-2020
Data Management Plan / FAIR data – additional specific national requirements	Check ANR's Open Science Policy in the above mentioned funding regulations

Israel: Chief Scientist Office of the Ministry of Health (CSO/MOH)

Country	Israel
Funding organisation	Chief Scientist office, Ministry of Health (CSO-MOH) http://www.health.gov.il/
National contact person	Dr. Irit Allon Phone: +972 (0)2 5082167 ; Email: irit.allon@moh.health.gov.il Mrs. Orly Spivak Phone : +972 (0)52 6314326 ; Email : orlee.f@gmail.com Chief Scientist Office, Ministry of Health
Funding commitment	Up to 300,000 €, depending on budget availability
Anticipated number of fundable research groups	Up to 2 projects
Maximum funding per grant awarded to a partner	Up to 140,000 € Additional 20,000 € for coordination
Eligibility of project duration	Up to 3 years
Eligibility of a partner as a beneficiary institution	Position in a university, research center or hospital. Research authority must approve position prior to submission.
Eligibility of principal investigator or other research team member	PI should hold a Ph.D., M.D., D.M.D., D. Sc or equivalent degree and employed by an eligible institution. Research will not be funded simultaneously by CSO-MOH on more than one grant (Era-NET or national). Researchers can not apply for more than one grant from any ERA-NET funded by CSO-MOH or submit more than one proposal for any programme.
Eligibility of costs, types and their caps	Materials and consumables; Travel (up to 10%); No salaries for applicants; No heavy equipment, Institutional overhead 10%.
Submission of the proposal at the national level	Prior to submission, researchers will submit to CSO-MOH an abstract approved by their research authority including budget distribution. No submission of abstract can result in declaration of the consortium as ineligible.
Submission of other information at the national level	If the application involves human or animal experiments, bioethics approvals must be submitted with the application or up to 4 months later.
Submission of financial and scientific reports at the national level	Required annually.

Further guidance	Please see detailed instructions of application at the national level and reporting at http://www.health.gov.il/research-fund

Italy: Italian Ministry of Health (MoH - IT)

Country	Italy
Funding organisation	Italian Ministry of Health
National contact person	Dr.Gaetano Guglielmi Directorate General for Research and Innovation in Healthcare, Ministry of Health (MoH-IT) Viale Giorgio Ribotta, 5 - 00144 Rome, Italy Maria Grazia Mancini Phone +39 06 5994.3215 E-mail: mg.mancini-esterno@sanita.it; research.EU.dgric@sanita.it;
Early Career Scientist – National conditions and eligibility	Early Career Scientist can be a Coordinator. Early Career Scientist can apply with an Italian Senior scientist. (Only one budget , 250k€, will be available for ECS and Senior).
Senior Scientist-National conditions and eligibility	Senior scientist can be a Coordinator
Funding commitment	1,5 mio €
Anticipated number of fundable research partners	Around 5 -6 projects
Maximum funding per grant awarded to a partner	~0.25 M €
Eligibility of a partner as a beneficiary institution	Following entities are eligible to apply: Scientific Institutes for Research and Health Care IRCCS (Istituti di Ricovero e Cura a Carattere Scientifico pubblici e privati) and ISS(Istituto Superiore di Sanità). In 2020 simultaneous participation in proposals submitted in different EU transnational research calls, funded by the Ministero della Salute, is not allowed to Italian Research Investigators. 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 proposals. To this end, it is mandatory that the applicants fill out and return a pre-eligibility check form trough through IRCCS and ISS Directorate using WFR System before submitting their proposals to the Joint Call Secretariat (http://www.salute.gov.it/imgs/C_17_pagineAree_4441_listaFile_itemName_0_file.pdf) It is mandatory that the form, completed is returned at least 10 working days before the pre-proposal submission deadline giving communication via W.F.R with Project Code ER 2020. Applicants will be sent a written notification of their eligibility status
Eligibility of costs, types and their caps	Only costs generated during the lifetime of the project can be eligible. Personnel (only temporary contracts/fellowship, max 50% of the requested fund); Travel costs and subsistence allowances (max 10% of the requested fund); Equipment (rent/leasing only), Consumables (no limit), Animals (no limit); Dissemination of results (publications, meetings/workshops etc.- max 1% of the requested fund); Data handling and analysis (no limit); Overhead (maximum 10% of the requested fund) (All according to national regulations) Travel expenses and subsistence allowances associated with training activities only linked to the project. Not allowed transfer of money abroad.Subcontracts are not allowed

Submission of the proposal at the national level	After the ERA-CVD JTC 2020 peer review has been completed and the final (scientific) ranking list 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). The funding of IRCCS and ISS projects are under Ricerca Corrente rules.
Consortium Agreement – additional specific national requirements	
Data Management Plan / FAIR data – additional specific national requirements	

Latvia: State Education Development Agency (VIAA)

Country	Latvia
Funding organisation	State Education Development Agency – Valsts izglītības attīstības aģentūra – VIAA viaa.gov.lv
National contact person	**Dr. Maija Bundule** Head of Unit, Unit of International Research Programs State Education Development Agency – VIAA Valnu iela 1, Riga, 1050 Latvia Phone: +371- 67785423 E-Mail: Maija.Bundule@viaa.gov.lv **Dr. Uldis Berkis** Senior Expert State Education Development Agency – VIAA Valnu iela 1, Riga, 1050 Latvia Phone: +371- 29472349 E-mail: Uldis.Berkis@viaa.gov.lv
Funding commitment	420.000 EUR
Anticipated number of fundable research partners	Max 2
Maximum funding per grant awarded to a partner	Max 70 TEUR/year, for maximum 3 years (which will constitute a grant of 210 TEUR in total)
Eligibility of a partner as a beneficiary institution	Following legal persons (as defined under the Latvian law) are eligible for funding (no natural persons can be funded): ✓ R&D institutions - research institutes, universities, higher education establishments, their institutes and research centers ✓ Enterprises and companies. R&D institution (research institutes, universities, higher education establishments, research centers etc.) must be recorded in the Registry of Research Institutions operated by the Ministry of Education and Science of the Republic of Latvia and have the status of Research and knowledge transfer organization according to EU regulation 651/2014. Private entities must be registered in the Registry of Enterprises of the Republic of Latvia as business enterprises and provide most of its activities are in the Republic of Latvia. Their support conditions obeys the EU regulation 651/2014. ✓ The work carried out should be research.
Eligibility of costs, types and their caps	○ Personnel costs incl. taxes; ○ Consumables;

	○ Subcontracts (up to 25% of direct costs), needs detailed justification, includes all external services, project core activities cannot be subcontracted; ○ Equipment (only depreciation costs); ○ Replaceable and fully consumable during project elements of equipment, materials and animals; ○ Travels (according to travel plan); ○ Indirect costs (up to 25% of direct costs excluding subcontracting).
Submission of the proposal at the national level	There is no special procedure at proposal submission stage. However, consulting national contact person is recommended. Once the international evaluation, the ranking list will be established and endorsed by the Call Steering Committee and the project coordinator has informed the Latvian project participant, a formal application must be submitted to VIAA only by the Latvian project participant involved in the proposal which is selected for funding. The funding of RTD activities is provided pursuant in accordance with the Regulation of the Council of Ministers of the Republic of Latvia No 259 on the procedure for providing support for participation in international cooperation programs for research and technology (adopted on 26 May 2015) https://likumi.lv/ta/id/274671-atbalsta-pieskirsanas-kartiba-dalibai- starptautiskas-sadarbibas-programmas-petniecibas-un-tehnologiju-joma
Consortium Agreement – additional specific national requirements	To obtain funding from VIAA, Consortium Agreement is mandatory and must be submitted to VIAA.
Data Management Plan / FAIR data – additional specific national requirements	No additional requirements

Norway: The Research Council of Norway (RCN)

Country	Norway
Funding organisation	The Research Council of Norway
National contact person	Henrietta Blankson Phone: +47 92233762 Email: hbl@rcn.no
Early Career Scientist – National conditions and eligibility	• two to seven years after the date of defence of an approved doctorate. • possible to deduct time from the requirements related to experience and age for statutory leaves of absence. • younger than 40 years old.
Senior Scientist-National conditions and eligibility	
Funding commitment	0,5 mill. euro
Anticipated number of fundable research partners	2
Maximum funding per grant awarded to a partner	0.2-0.3 Mio € for a three-year project. More if the partner is the project coordinator, then maximum 0.4 Mio € for a three-year project.
Eligibility of a partner as a beneficiary institution	Norwegian universities, university colleges, hospitals, independent research institutes and other publicly funded research groups. Private industry is not eligible.
Eligibility of costs, types and their caps	Payroll expenses, procurement of R&D services, consumables, network measures. Please follow the RCN research project budget rules in the following link: https://www.forskningsradet.no/en/apply-for-funding/Budget/ However, PhD fellowships are not eligible within the RCN funding.
Submission of the proposal at the national level	*Registration at the national level is required for projects that are funded*
Consortium Agreement – additional specific national requirements	Yes
Data Management Plan / FAIR data – additional specific national requirements	yes

Poland: National Centre for Research and Development (NCBR)

Country	Poland
Funding organisation	National Centre for Research and Development (NCBR)
National contact person	Dominika Mickiewicz Phone +48 22 39 07 139 E-mail dominika.mickiewicz@ncbr.gov.pl
Early Career Scientist – National conditions and eligibility	For Early Career Scientist definition please check the *Act of 20 July 2018 on the Law of Higher Education and Science, published in Journal of Laws item 1668, 2018, as amended.*
Senior Scientist-National conditions and eligibility	All Polish applicants will be considered as Senior Scientists unless they fulfil the Early Career Scientist definition available in the *Act of 20 July 2018 on the Law of Higher Education and Science, published in Journal of Laws item 1668, 2018, as amended.*
Funding commitment	600,000€
Anticipated number of fundable research partners	1-3
Maximum funding per grant awarded to a partner	Up to 200,000€ per proposal regardless of the number of Polish partners in the project consortium
Eligibility of a partner as a beneficiary institution	Following entities are eligible to apply: • Micro, Small, Medium and Large Enterprise • Research organizations The organisation must conduct its business, R&D or any other activity on the territory of the Republic of Poland, confirmed by an entry into the relevant register, and provides a sufficient guarantee of reliable disbursement of public funds.
Eligibility of costs, types and their caps	The eligible costs shall be the following: 1. Personnel costs (researchers, technicians and other supporting staff to the extent employed on the research project); 2. Costs of instruments and equipment, technical knowledge and patents to the extent and for the period used for the research project; if such instruments and equipment are not used for their full life for the research project, only the depreciation costs corresponding to the life of the research project, as calculated on the basis of good accounting practice, shall be considered eligible;

3. Costs for buildings and land, to the extent and for the duration used for the research project; with regard to buildings, only the depreciation costs corresponding to the life of the research project, as calculated on the basis of good accounting practice shall be considered eligible; for land, costs of commercial transfer or actually incurred capital costs shall be eligible;

4. Cost of contractual research, costs of consultancy and equivalent services used exclusively for the research activity; this cost type cannot account for more than 70% of all eligible costs of a project; the subcontracting can be obtained from consortium partner only in justified case, this need will be verified by a national experts panel;

5. Other operating costs including costs of materials, supplies and similar products incurred directly as a result of the research activity;

6. Additional overheads incurred indirectly as a result of the research project; that costs cannot account for more than 25% of all eligible project costs; That costs (6) are counted as a multiplication by percentage given above (called x%) and the rest of direct costs, excluding subcontracting (4); It means 6=(1+2+3+5)*x%.

Other type of activities (e.g. coordination, dissemination, management) cannot be included into separated task.

Funding amount for Polish participants can be up to 100% for universities or research organisations. In the case of enterprises, co-funding level will be decided on a case-by-case basis depending on the size of the company, type of research/development, risk associated with the research activities and commercial perspective of exploitation.

	Large Enterprises	**Medium Enterprises**	**Micro/Small Enterprises**	**Research organizations**
Fundamental/Basic Research	**n/a**	**n/a**	**n/a**	**n/a**
Industrial/Applied Research	**Up to 50+15 (max65%)**	**Up to 50+10+15 (max75%)**	**Up to 50+20+15 (max 80 %)**	**Up to 100 %**
Experimental development	**Up to 25+15 (max40 %)**	**Up to 25+10+15 (max50%)**	**Up to 25+20+15 (max 60 %)**	**Up to 100 %**

All eligible entities, invited to submit Polish proposal are obliged to use the rate of exchange of The European Central Bank dated on the day of opening the call.

	Applicants are advised that this annex is for general guidance only. For more detailed rules and regulations please refer to the national call announcement and contact the national contact point.
Submission of the proposal at the national level	Polish Participants will be informed and invited to submit Polish proposal once the international evaluation and the ranking list will be established.
Consortium Agreement – additional specific national requirements	Obligatory before the signature of project contract at the national level.
Data Management Plan / FAIR data – additional specific national requirements	

Slovakia: Slovak Academy of Science (SAS)

Country	Slovakia
Funding organisation	Slovak Academy of Sciences (SAS)
National contact person	**Martin Novak** Department for International Cooperation of SAS, Slovak Academy of Sciences, Štefánikova 49 814 38 - Bratislava, Slovak Republic Phone: +421 2 5751 0119 E-mail: mnovak@up.upsav.sk **Katarína Bibova** Department for International Cooperation of SAS, Slovak Academy of Sciences, Štefánikova 49 814 38 - Bratislava, Slovak Republic Phone: +421 2 5751 0136 E-mail: bibova@up.upsav.sk
Early Career Scientist – National conditions and eligibility	Early Career Scientist must have been awarded his/her first doctoral degree at least 3 and up to 10 years prior to the pre-proposal submission deadline of the 2020 Joint Call.
Senior Scientist-National conditions and eligibility	
Funding commitment	120,000 € per project
Anticipated number of fundable research partners	1
Maximum funding per grant awarded to a partner	120. 000 € Maximal annual budget per project is 40.000 €
Eligibility of a partner as a beneficiary institution	**Only research Institutes of Slovak Academy of Sciences are eligible** organisations for funding (up to 100%). Applicants from other Slovak R&D centers have to cover the project costs from their own sources (Letter of Commitment). The teams outside of SAS (universities and/or another organisations) can be consortium members but not the coordinator of the consortium.
Eligibility of costs, types and their caps	The eligible costs shall be the following: 1. Eligible direct costs 1.1 Personal costs - must accurately reflect the work on the project

	- may be used only to cover the costs (including health and social insurance) related to work agreements performed outside of employment - maximum of 15 % of all direct costs (ERA.Nets) or - maximum of 30% of all direct costs, if Slovak team is a coordinator of consortium (ERA.Nets) 1.2 Material costs and expenditures a. Consumables: minor equipment and instruments, small-scale office and laboratory material (no basic equipment of the workplace; essential computer equipment is exception) b. costs and expenditures for services directly related to the project: contracts, consultations, publication of project results, conference fees c. travel costs and living expenses: limits for travel costs and daily subsistence allowance vary depending on destination country (pursuant to Slovak Act. 283/2002 Col. Of Laws on travel reimbursement)
Submission of the proposal at the national level	National phase: Submission of the proposal at the national level will be required in parallel to the international evaluation. The submission will be carried out once the international evaluation and the ranking list have been performed and endorsed by the ERA-CVD Call Steering Committee (CSC) and the Slovak project partner has been invited by SAS to submit the proposal to it (Formular MVTS). The Presidium of SAS makes the final decision for funding of selected projects. Funding of projects is regulated by the SAS Financial Rules for awarding grants for research projects approved by the SAS Presidium on 2 February 2012, updated on 1 July 2018. Please consult the SAS-website in this regard: https://www.sav.sk/index.php?lang=sk&doc=services-news&source_no=25&news_no=7569
Consortium Agreement – additional specific national requirements	A Consortium Agreement between the project partners has to be submitted by Slovak research project partner at the latest within 3 months after the date of start of project
Data Management Plan / FAIR data – additional specific national requirements	No additional requirements as to the Data Management Plan.

Spain: National Institute of Health Carlos III (ISCIII)

Funding Organisation	**National Institute of Health Carlos III (ISCIII)** www.isciii.es
National Funding Programme	Acción Estratégica en Salud (AES 2020) http://www.isciii.es/ISCIII/es/contenidos/fd-investigacion/fd-financiacion/convocatorias-ayudas-accion-estrategica-salud.shtml
Initial funding pre-commitment	500.000 M€ 3-5 projects tentatively envisaged to be funded
National Contact Person	Clara Martín Email: c.martin@isciii.es Tel: (+34) 91 822 2567
Maximum funding per awarded Spanish project partner	• Up to **175.000** € per partner (overheads included) Up to **250.000** € per coordinator (overheads included)
Eligibility of PI and team members	• **Hospitals, primary health care settings or public health administration of the Spanish National Health System** (SNS) These institutions may manage research via a foundation regulated in accordance to the Spanish Act 50/2002, of December 26th (a copy of the foundation's statutes may be submitted). • **Accredited Health Research Institutes** (Institutos de Investigación Sanitaria acreditados, IIS) Accredited according to the RD 339/2004, of February 27th or RD 279/2016 (These institutions may manage research via a foundation regulated according to the Spanish Act 50/ 2002, of December 26th) http://www.eng.isciii.es/ISCIII/es/contenidos/fd-investigacion/fd-institutos-investigacion-sanitaria/listado-de-iis-acreditados.shtml • **CIBER or CIBERNED** Team members applying to the call must be from at least 2 groups belonging to CIBER in **2 different home institutions** and one of these two should be a Hospitals, primary health care setting or public health administration of the Spanish National Health System (SNS) or Accredited Health Research Institutes (Institutos de Investigación Sanitaria acreditados, IIS). • **Academia or Other Research Centers.** These entities can **only** participate if they apply together with Hospitals, primary health care settings or public health administration of the Spanish National Health System (SNS) or Accredited Health Research Institutes (Institutos de Investigación Sanitaria acreditados, IIS). It is not allowed to apply independently, thus **there must be two beneficiary Spanish institutions in the same proposal**. **NOTE**:

	- Same institution cannot participate with more than one partner in the same project proposal. - SMEs and other private companies are encouraged to participate at their own cost, as subcontractors or funded by CDTI.
Additional eligibility criteria	Due to administrative and legal regulations, the National Institute of Health Carlos III declares 30th of September 2020 as national deadline for the decision on fundable project consortia which include Spanish partners to be funded by ISCIII. Any concerned applicant in a proposal for which no final decision has been made by the deadline, could be declared not fundable by ISCIII. • **NOTE**: Researchers with ongoing CVD projects in 2021 cannot apply to the current call unless the alive project or the new application is as coordinator.
Eligibility of PI and team members	• Principal Investigators (PI) can only participate in one project proposal per call • PI and all members of the research group must belong to the eligible institution or be affiliated to CIBER, CIBERNED or an IIS. **Excluded** personnel as Principal Investigator (PI): • Those undergoing a postgraduate training in Health Specialization (MIR, FIR, QIR, BIR, PIR) • Those undergoing research training (e.g. PhD students, or "Río Hortega" contracts) • Researchers contracted by a RETIC or a CONSOLIDER • Those undergoing postdoctoral training (e.g. "Sara Borrell" or "Juan de la Cierva" contracts)
National phase	National applications will be required by ISCIII. National submission period will be published in the AES 2020 under the call for "International Joint Programming Projects" (Proyectos de Programación Conjunta Internacional). Spanish Applicants should periodically check the web page of ISCIII. ISCIII may not send invitations to the mandatory national phase.
Mandatory acknowledgement	Any publication, data base, product or event protected with IPR or not, resulting from the granted project must acknowledge "*Award no. XX by ISCIII thorough AES 2020 and within the framework of CVD"* even after the end of the project.
Requirements on data and repositories	• Researchers funded by ISCIII must make public the human genomic data, as well as relevant data (phenotype and exposition data) generated inside the funded project and will use open access repositories. Researchers must also make public all the necessary information for the interpretation of these genomic data, including lab protocols, data instruments survey tools. Regarding genomic data it is understood: association of complete genomes (GWAS), matrixes of de polymorphism of a single nucleotide (SNP) and sequence of genome, and transcriptomic, metagenomic, epigenomic and gene expression data. The researchers whose projects are funded by ISCIII are

	recommended to store their scientific data at the "ELIXIR Core Data Resources" or if non-European repositories or data bases they must be certified by ELIXIR or the US National Center for Biotechnology Information (NCBI). • ISCIII may no fund project that requires the construction of new repositories without decommissioning plans or ensured sustainability after the project´s end.

Taiwan: Ministry of Science and Technology (MoST)

Country	Taiwan
Funding organisation	Ministry of Science and Technology
National contact person	Ching-Mei Tang Email: cmtom@most.gov.tw Tel: +886 2737-7557
Early Career Scientist – National conditions and eligibility	-
Senior Scientist-National conditions and eligibility	-
Funding commitment	0.5 M€ for 3 years
Anticipated number of fundable research partners	3-4
Maximum funding per grant awarded to a partner	220K EUR The upper limit is NT$3 million/year
Eligibility of a partner as a beneficiary institution	Research Institutes and Universities, also Clinical/Public Health Organisation endorsed by the MoST. See also: https://www.most.gov.tw/most/attachments/c46ca50e-7742-40b9-93c8-9ebcd7a72c89?
Eligibility of costs, types and their caps	https://www.most.gov.tw/most/attachments/c46ca50e-7742-40b9-93c8-9ebcd7a72c89?
Submission of the proposal at the national level	Please simultaneously email the proposal to our national contact person (cmtom@most.gov.tw) for inspection.
Consortium Agreement – additional specific national requirements	For research projects involving animal experimentation, the application unit shall apply to be reviewed in accordance with the Implementation Guidelines Governing Animal Science Application, Organization, Supervision and Administration. See also: https://www.most.gov.tw/most/attachments/c46ca50e-7742-40b9-93c8-9ebcd7a72c89?
Data Management Plan / FAIR data – additional specific national requirements	-

Turkey: The Scientific and Technological Research Council of Turkey (TÜBITAK)

Country	Turkey
Funding organisation	The Scientific and Technological Research Council of Turkey (TÜBİTAK)
National contact person	Dr. Recep Emrah ÇEVİK e-mail: emrah.cevik@gmail.com Tel: +90 312 298 1214 Dr. Övgü ÇELİKLER ÖZER e-mail: ovgu.celikler@tubitak.gov.tr Tel: +90 312 298 1210
Funding commitment	0.3 M €
Anticipated number of fundable research partners	1 - 2
Maximum funding per grant awarded to a partner	For info http://tubitak.gov.tr/sites/default/files/18842/era-cvd_jtc2020_surec_dokumani.pdf
Eligibility of a partner as a beneficiary institution	For info http://tubitak.gov.tr/sites/default/files/18842/era-cvd_jtc2020_surec_dokumani.pdf
Eligibility of costs, types and their caps	For info http://tubitak.gov.tr/sites/default/files/18842/era-cvd_jtc2020_surec_dokumani.pdf
Submission of the proposal at the national level	Yes
Consortium Agreement – additional specific national requirements	-
Data Management Plan / FAIR data – additional specific national requirements	-

ANNEX3: ERA-CVD NC3R checklist to assess information included in grant applications

1. Objectives

Details required:

Primary and any secondary objectives of the study, or specific hypotheses being tested

2. The need to use animals and the choice of species

Details required:

- Sound scientific reason for the use of animals
- Explanation of why there are no realistic non-animal alternatives
- Explanation of how and why the animal species and model being used can address the scientific objectives and the relevance to human biology

3. Experimental approach

Details required:

- Relevant information about the animals to be used (e.g. species, strain, sex, developmental stage, weight)
- Number of experimental and control groups
- Number of animals in each experimental group
- Total number of animals used in each experiment
- Number of times each animal will be measured
- Number of independent replications of each experiment indicated
- Steps taken to minimise the effects of bias (e.g. randomization, blinding), or an explanation for why these would not be appropriate
- Primary and secondary experimental outcomes to be assessed (e.g. cell death, molecular markers, behavioural changes)

4. Sample size

Details required:

- Explanation of how the number of animals was arrived at with power calculations (including justification for the effect size)
- If power calculations are not possible, explanation of why, including other supporting information to demonstrate that the findings will be robust

5. Planned statistical analyses

Details required:

- Overview of the planned statistical analyses in relation to the choice of sample size
- Details of any statistical advice sought/available