HDHL-INTIMIC

Call for Joint Transnational Research Proposals:

"Impact of Diet, Food Components and Food Processing on Body Weight Regulation and Overweight Related Metabolic Diseases (METADIS)"

Submission deadline Pre-proposal:
2nd of April 2019 at 16:00 UTC

Link to: "Electronic proposal submission system"

For further information, please visit us on the website:

http://www.healthydietforhealthylife.eu/

or contact the Joint Call Secretariat (JCS):

French National Research Agency

Dr. Sophie Gay & Dr. Martine Batoux

+33 1 78 09 80 39/+33 1 73 54 81 40

50 avenue Daumesnil, 75012 Paris

Email: JPI-HDHLCalls@agencerecherche.fr

Table of Contents

1. Introduction 3
2. Background 3
3. Aim of the call 4
4. Participating countries 6
5. Management of the call 7
6. Application 7
   6.1 Eligibility 7
   6.2 Submission of joint proposals 8
   6.3 Changes between pre-proposals and full proposals 9
7. Evaluation and decision 9
   7.1 Eligibility check 10
   7.2 Evaluation of pre-proposals 10
   7.3 Evaluation of full proposals 10
   7.4 Evaluation criteria 10
   7.5 Scoring system 11
   7.6 Decision 12
8. Financial and legal issues 12
   8.1 Funding model 12
   8.2 Financial modalities 12
   8.3 Legal modalities 12
9 Responsibilities and reporting requirements 13
   9.1 Progress report 13
   9.2 Communication 13
   9.3 Utilisation of knowledge 14
10 Ethical issues 14
11 Confidentiality 14
12 Time schedule 15

1. Introduction

The promotion of healthy lifestyles with better diets and increased physical activity is of utmost importance for future public health, well-being and prosperity in Europe. Unhealthy lifestyles and the growing proportion of elderly in the population of Europe are accompanied by an increase in the prevalence of chronic diseases such as cardiovascular diseases, cancer, neurodegenerative diseases and diabetes. The Joint Programming Initiative "A Healthy Diet for a Healthy Life" has been established to coordinate research in the areas of food, diet, physical activity and health in order to tackle the above-mentioned major societal challenges that no single country is capable of tackling on its own. The main aim of the JPI HDHL is to better understand the food-health relationship and subsequently translate this knowledge into programmes, products, tools and services that enable consumers in Europe and beyond to live a healthy life.

This joint transnational call intends to fund dedicated, top-class transnational research consortia to provide insights in the effects of food components and/or processing on metabolic homeostasis and the development of metabolic diseases. An additional objective is to support capacity building in the JPI HDHL scope and contribute to the development of Early Career Scientists (ECSs).

This call is the third Joint Funding Action implemented in the frame of the ERA-Net Cofund HDHL INTIMIC (HDHL-INtesTInal MICrobiomics). Using this instrument the JPI HDHL aims at coordinating national and regional research programmes in the areas of food, diet, intestinal microbiomics and human health as well as food, nutrition and human health in general.

2. Background

It is well recognised that the overconsumption of energy-dense food combined with an inactive lifestyle are important causes for overweight, obesity and other metabolic alterations increasing the risk for several chronic diseases such as diabetes and cardiovascular diseases. However, the exact mechanisms are still not well understood and also vary on an individual level. Body weight regulation is controlled by various biological processes, which are influenced by dietary composition and related to the consumption of specific food components. In addition, also the macronutrient composition of diet as well as other food characteristics such as bioactive components, energy density, taste, aroma, texture, etc. affect appetite and/or metabolic regulation at biological and psychological level and in consequence influence risk factors for overweight-related metabolic diseases.

3. Aim of the call

The aim of this call is to support transnational, collaborative research projects that address important research questions regarding the effects of food (components) or diets and/or food processing on overweight and related metabolic diseases. An additional objective is to support Early Career Scientists in the area of food, nutrition and health.

Proposals should focus on one or both of the following topics:

1) Identification of food (components) or diets that affect appetite and/or satiety, body weight regulation and/or risk factors for the development of overweight related metabolic diseases as well as the underlying mechanisms. This includes the understanding of individual responses to food components or diets.

2) The effect of food processing and/or storage conditions on food components, and the mechanisms by which this will influence appetite and/or satiety, body weight regulation and/or risk factors for the development of overweight related metabolic diseases. This can include studying how to modify the amount of these food components during food processing without affecting consumer acceptance

To support Early Career Scientists (ECSs) the following conditions apply:

- Proposals must include training of Early Career Scientists (ECSs i.e. PhD students or/and post-docs – please refer to National Annexes). Examples of training activities are mobility and lab visits of ECSs between partners of the consortium or implementation of summer school(s).
- To support career development the JPI HDHL will organize a training activity for ECSs to assist with their career development after the projects have started. Travel costs for at least one ECS per consortium partner must be included in the budget plan of the proposal.

In addition, the following conditions apply:

- Each research consortium should involve different disciplines to achieve ambitious and innovative scientific goals. Proposals should clearly demonstrate added-value from working together and unique contributions of each partner.
- Modification in food processing to deplete or enrich the food product with a food component is eligible. However, the development of entirely new food processing methods is excluded from this call.
- Studies of disease causes and risk factors, as well as preventive and health-promoting factors of lifestyle habits should be taken into account, where applicable. This includes environmental, genetic factors, behavioural and social factors.
- Animal studies with clear relevance for human health are within the scope of this call.

- Proposals should make use of existing biobanks and/or cohorts, if applicable, or explain why existing biobanks or cohorts are not used.
- Proposals should consider the possible impact of age, sex and gender and ethnic differences in the respective research approaches, where appropriate.
- JPI HDHL expects proposals to address how the data management following the FAIR principles[1] is applied (FAIR principles guidelines). In particular, proposals should explain how the knowledge/data gathered through their projects will be made available to the wider research community.

Applicants are strongly encouraged to:

- collaborate across sectors, including academic sector, private sector and industrial partners, when appropriate
- provide open access to peer-reviewed publications resulting from the projects.

Please note that additional conditions might apply at national level (refer to national regulations).

Funded consortia are expected to be actively involved in relevant activities under the umbrella of the JPI HDHL (including workshops, conference, and presentation at the Management Board of the JPI HDHL etc.).

Expected impact of the call:

The expected long-term impact of this call is to prevent or delay the onset of metabolic diseases by gaining a better understanding on the relation between food, diet and metabolic diseases. Identification of the food factors that influence health and characterization of the underlying mechanisms will contribute to reach this aim. In addition, the identification of food processing conditions with beneficial effects will enable the industry to produce healthier high-quality foods that will slow down the prevalence of metabolic diseases

This call also aims to promote transnational collaboration, which is necessary for establishing multidisciplinary and complementary consortia that will allow the development of ambitious research projects that meet the needs identified by the JPI HDHL. Moreover, the coordination of the transnational research networks will also contribute to important research related activities such as harmonisation of protocols, establishment and sharing of data and guidelines or/and sharing of research facilities and capacities. This call will contribute to the establishment of such research networks.

Promoting and supporting the interchange of ECSs between different partners within a consortium, as well as training activities dedicated to ECSs, will contribute to build capacities and to enable ECSs to tackle the challenges of JPI HDHL in the coming years.

[1] FAIR is the abbreviation for: findable, accessible, interoperable and reusable

4. Participating countries

The participating countries, respective funding organisations and their contributions are listed below.

Countries	Funding organisations	Acronym	Contribution in Million €
Belgium	Fund for Scientific Research-FNRS	F.R.S.-FNRS	0,2
Czech Republic	Ministry of Education, Youth and Sports	MEYS	0,5
France	French National Research Agency	ANR	1,5
Germany	Federal Ministry of Education and Research, represented by the Project Management Agency in the German Aerospace Center	BMBF represented by DLR	2
Germany	Federal Ministry of Food and Agriculture represented by the Federal Office for Agriculture and Food	BMEL represented by BLE	0,5
Israel	Ministry of Science and Technology	MOST	0,4
Italy	Italian Institute of Public Health Istituto Superiore di Sanità	ISS	0,25
Italy	Ministry of agriculture, food, forestry and tourism policies	MiPAAFT	0,25
Latvia	Ministry of Education and Science	IZM	0,3
The Netherlands	Top Sectors LSH and A&F represented by The Netherlands Organisation for Health Research and Development	ZonMw	0,75
Norway	Research Council of Norway	RCN	2*
Spain	National Institute of Health Carlos III	ISCIII	0,25
Sweden	The Swedish Research Council Formas	FORMAS	0,9

** Euro exchange rate at the time of application*

5. Management of the call

The call will be coordinated by the Joint Call Secretariat (JCS); set up at the French National Research Agency (ANR, France). The JCS will act as the primary contact point for interested researchers and research groups for information on general issues of the Joint Action and its technical aspects. For question regarding the national regulations, please contact the national contact person (Annex A).

Two boards, the Call Steering Committee (CSC) and the Scientific Evaluation Committee (SEC), will manage the evaluation and the selection process of the call. SEC and CSC members will not submit or participate in proposals within this call. The process includes the evaluation procedure of pre- and full proposals and the final selection and award of research projects.

The CSC is composed of one single representative from each national/regional funding organisations participating in this call. The CSC will supervise the progress of the call and the evaluation of proposals. The CSC will make the final funding recommendation to the national/regional funding organisations based on the final ranking list provided by the SEC. All decisions concerning the call procedures will be taken by the CSC.

The SEC is a panel of internationally recognised scientific experts responsible for the evaluation of submitted proposals. SEC members must sign a confidentiality form and a statement to confirm that they do not have any conflicts of interest. In addition to the SEC members, external experts chosen for their knowledge in specific fields covered by the proposals and in the absence of conflicts of interest with the evaluated proposals might also contribute to the evaluation.

6. Application

6.1 Eligibility

In general, joint research proposals may be submitted by applicants working in universities (or other higher education institutions), non-university public research institutes, hospitals and other health care settings as well as commercial companies, in particular small and medium-size enterprises.

The eligibility of the afore-mentioned institutions, together with details of eligible costs (personnel, material, consumables, equipment, travel money, etc.), are subject to the individual administrative requirements of individual funding organisations and may therefore vary. Details of the national/regional eligibility criteria from individual funding agencies are provided in the Annex A.

Only transnational projects will be funded: each consortium must involve a **minimum of three** partners eligible for the participating funding organisation (see section 4) and a **maximum of**

six partners eligible for funding by the participating funding organisation from **at least three different countries**. Applicants are encouraged to include partners that are eligible for funding by Ministry of Education, Youth and Sports of Czech Republic (MEYS). If they include one or two eligible partner for MEYS, the maximum of partners can be increased to **seven** or **eight**, respectively. No more than **two eligible partners from the same country** will be accepted in one consortium.

Additional participants -called **collaborators-** may participate in projects if they clearly demonstrate an added value and are able to secure their own funding. Collaborators can be researcher(s) from countries/funding organisations that are not participating in this call or researcher(s) from countries/funding organisations who are participating in this call but do not ask for funding. Collaborators must clearly state in the proposal that funds are secured in advance of the project start.

Please note that the majority of partners in a consortium and the project coordinator must be eligible for funding by the participating funding organisations in this call (see table 1). A maximum of two collaborators is allowed per consortium and the total of number of partners and collaborators in the consortium must not exceed eight.

Each consortium must nominate a coordinator. The project coordinator will be responsible for the scientific management of the project and for the communication of project results by all consortium partners. The project coordinator will act as the interface between the JCS and the consortium and represent the consortium externally. Each project partner will be represented by a single principal investigator who will be the contact person for the relevant funding organisation.

Please note: Inclusion of non-eligible partners (i.e., a partner applying for funding, who cannot be funded by their national funding organisation according to the regulations outlined in ANNEX 1 of the Guidelines for Applicants) in a proposal may result in the rejection of the entire proposal without further review. **Applicants are therefore strongly advised to contact their national funding organisation and confirm eligibility before**

6.2 Submission of joint proposals

There will be a **two-stage submission procedure**: pre-proposals and full proposals. Both pre- and full proposals must be written in English and must be submitted to the JCS by the project coordinator through the JPI HDHL electronic submitting system exclusively. The project coordinator and all principle investigators in the consortium should be registered at the Meta Data Base of the JPI HDHL (https://www.healthydietforhealthylife.eu/index.php/meta-data-base) before a proposal can be submitted. In addition, it is mandatory that they complete their profile information.

Pre-proposals must be submitted by the project coordinator before the **2nd of April 2019 at 16:00 UTC**. The structure and content of the pre-proposal should strictly follow the "Guidelines for applicants".

The decision on selection of applications for invitation to submit full proposals will be communicated at the end of May, 2019.

Full proposals must be submitted by the project coordinator before the **9th of July 2019 at 16:00 UTC**. Please note that full proposals will only be accepted from applicants explicitly invited by the JCS to submit a full proposal. The decision on the results of the full proposals evaluation meeting will be communicated to all project coordinators in October 2019.

6.3 Changes between pre-proposals and full proposals

The information given in the pre-proposal is binding. Thus, any changes between pre- and full proposals concerning the composition of the consortium, objectives of the project or requested budget must be communicated to the JCS with detailed justifications and will only be allowed by the CSC under exceptional circumstances.

As an exception to the above-mentioned conditions, the following changes are allowed:

- Adding an eligible partner to the consortium from underrepresented countries that are participating in this call. In this call, countries will be considered as underrepresented when their available budget is significantly higher than the requested budget by successful applicants in the pre-proposal stage. The CSC will make the final decision on which countries will be considered as underrepresented and the JCS will communicate this to the applicants that will be invited to the full proposal stage.

  This change will only be allowed under recommendation by the CSC and under the following conditions:

  1) The project coordinator should inform the JCS in case the consortium would like to add an eligible partner from an underrepresented country.
  2) The total number of partners and collaborators in the consortium should not exceed eight.
  3) The applicants should clearly explain the added value of this additional partner in the full proposal.

- The work plan might be adapted according to the recommendations of the SEC.

Further information on how to submit pre-proposals and full proposals electronically and the application templates can be found in the "Guidelines for applicants". Applicants should take note of individual national/regional regulations, as adherence to these national/regional regulations is mandatory. Applicants are strongly advised to contact their national/regional contact person for more details or any questions regarding these regulations.

7. Evaluation and decision

Pre-proposals and full proposals will be assessed according to specific evaluation criteria (see below), using a common form. A scoring system from 0 to 5 will be used to evaluate the proposals with respect to the different evaluation criteria.

7.1 Eligibility check

The JCS will check the proposals to ensure that they meet the call formal conditions (date of submission; number of participating countries and groups; inclusion of all necessary information in English; adherence to the proposal template). In parallel, the JCS will forward the proposals to the national/regional funding organisations that will check the compliance with their respective regulations. Proposals not meeting the formal conditions will be rejected. Proposals fulfilling eligibility rules will be forwarded to the peer review process.

7.2 Evaluation of pre-proposals

All eligible pre-proposals will be forwarded to the Scientific Evaluation Committee (SEC) for a first evaluation. Each proposal will receive at least two review reports on a written basis from the SEC.

The evaluation criteria 1a-c, 2a-d and 3a-d (see section 7.4) will be used for the evaluation.

SEC members will meet for a plenary discussion to jointly evaluate pre-proposals and recommend on those that should be invited to submit a full proposal. The CSC will meet to decide which proposals will be invited for full proposal submission based on the SEC recommendations. The JCS will communicate to each project coordinator the final decision with respect to their application.

7.3 Evaluation of full proposals

The JCS will check the full proposals to ensure that they meet the call formal criteria and have not changed substantially from the respective pre-proposals before sending them to SEC members.

Each full proposal will be allocated to at least two SEC members for written review. All evaluation criteria cited on the section 7.4 will be used for the evaluation of the full proposals.

During this second SEC meeting, each full proposal will be discussed by the SEC members on the basis of the written evaluation reports so as to reach consensus scoring. As a result of these discussions and as an outcome of the SEC meeting, a ranking list of the full proposals recommended for funding will be established.

7.4 Evaluation criteria

1. Excellence

a. Scientific quality of the proposal:
   - Significance of the research question;
   - Clarity of the objectives
   - Credibility of the proposed approach and methodology
   - Expected progress beyond the state-of-the-art, innovation potential
   - Competence and experience of participating research partners in the field(s) of the proposal

- Consideration of possible impact of ethnicity, age, gender, socio-economic status and/or on other social aspects.

b. Relevance of the project regarding the topic and objectives of the call.
c. Novelty of proposed research.

2. Impact

a. Potential impact of the expected results for future public health, other socio economic health relevant applications and/or for industry (i.e. food development and optimization of food products).
b. Added-value of transnational collaboration: sharing of resources (biological material, models, databases, etc.), harmonization of data, sharing of specific know-how and/or innovative technologies, etc.
c. Education and training of early career scientists
d. Participation/engagement with industry (when appropriate/applicable)
e. *For Full proposals:* effectiveness of the proposed measures to exploit and disseminate the project results (including management of intellectual property rights), to communicate the project results, and to manage research data where relevant

3. Quality and efficiency of the implementation

a. Feasibility of proposal and likelihood of successful completion of proposed research
b. Coherence and effectiveness of the work plan (for full proposals: including appropriateness of the allocation of tasks, resources and time-frame)
c. Complementarity of the participants in the consortium and their experience
d. Adequacy of the Budget (For full proposals: appropriate distribution of resources in relation to project activities)
e. *For full proposals:* Appropriateness of the management structures and procedures, including risk and innovation management
f. *For full proposals:* Sustainability of the research capacities initiated by the project (e.g. FAIR[2] data management.)

7.5 Scoring system

5 = Excellent. The proposal successfully addresses all aspects of the criterion in question.

4 = Very good. The proposal addresses the criterion very well, but small improvements are possible.

3 = Good. The proposal addresses the criterion in question well but certain improvements are necessary

2 = Fair. The proposal generally addresses the criterion, but there are significant weaknesses that need corrections.

1 = Poor. The proposal shows serious weaknesses in relation to the criterion in question.

[2] FAIR is the abbreviation of: findable, accessible, interoperable and reusable

0 = Failure. The proposal fails to address the criterion in question, or cannot be judged because of missing or incomplete information.

Evaluation scores will be awarded for the three main criteria, and not singularly for the different aspects listed below the criteria. Each criterion will be scored out of five. The threshold for individual criteria will be three. The maximum score that can be reached from all three criteria together is 15 points.

7.6 Decision

Based on the ranking list established by the SEC and on available funding, the CSC will recommend to national/regional funding organisations the projects to be funded. Based on these recommendations, final decisions will be made by national/regional funding organisations and will be subject to budgetary considerations.

The JCS will communicate the final decisions to all project coordinators.

8. Financial and legal issues

8.1 Funding model

The funding partners listed in section 4 have agreed to launch a joint call using the virtual common pot mode. That means national/regional funding will be made available through national/regional funding organisations according to national/regional funding regulations. Each country/region funds only its national/regional component of the transnational research project.

8.2 Financial modalities

Projects can be funded for a period of up to three years. Project partners will be funded by their national/regional funding organizations according to the respective rules and regulations

The eligibility of costs (e.g., personnel, material, consumables, equipment, and travel expenses) is subject to the national regulations of individual funding organisations and may therefore vary. Each partner is responsible for providing financial reports to its national funding organisation. Prior to submitting a proposal, applicants should verify their eligibility and financial support and are advised to contact their national/regional contact person (see Annex A for national/regional contact details).

In order to minimize the variability in the project starting dates between partners of one consortium, the project coordinator will be requested to seek a common starting date for all the partners of the consortium. Each partner will then be in charge of communicating the common starting date to its respective funding organisation. The goal should be to start the consortia of one call as similarly as possible.

8.3 Legal modalities

Consortium agreement.

Successful consortia should negotiate and sign a consortium agreement within the 6 first months from the start of the project. The consortium agreement will specify at least the following issues: decision making, monitoring, reporting, intellectual property rights, open access and sharing data/knowledge and (financial) resources. The exact content of the project consortium agreement will vary according to the nature and scope of the specific project. It is therefore recommended that each project partner thoroughly assess the content of the consortium agreement. Further guidance and model consortium agreements can be found at the European IPR Helpdesk and DESCA websites. There is a shared responsibility between all partners of the consortium for progress of the project.

Upon request, this consortium agreement must be made available to the concerned funding organisations.

Project coordinators having submitted an eligible proposal will be informed about the funding recommendation regarding their proposal by the JCS. They are responsible to communicate this information to their project partners. After a positive funding recommendation, project partners must directly contact their respective national/regional funder in order to start contract negotiations and accomplish the remaining steps until the research project can start.

9 Responsibilities and reporting requirements

9.1 Progress report

The project coordinator is required to submit an annual scientific progress report on behalf of the project consortium to the JCS in December of each year, detailing how the project is progressing in relation to planned objectives. Furthermore, a final scientific report should be sent to the JCS within a period of three months after the project ends. National funding organisations may also request annual progress reports and a final report on the project from the different partners from their respective country.

In addition, project coordinators may be asked to present two progress updates, one intermediate and one final status symposium. Group leaders may be asked to participate in the final status symposium.

9.2 Communication

The project coordinator represents the consortium externally and is responsible for all communication with HDHL-INTIMIC and the JPI HDHL. For the effective contribution of the project to the objectives of the JPI HDHL and this HDHL-INTIMIC call, the project coordinator should be available to participate in meetings with the aim to:

- Exchange project results within the network of funded projects by the METADIS call and with other funded networks by the JPI HDHL.
- Develop a joint strategy to coordinate and facilitate integration of the planned activities of the JPI HDHL.

9.3 Utilisation of knowledge

The JPI HDHL supports an open access policy. Therefore, funded researchers should consider open access publication of their results. Due consideration should be given to consistency with similar policies that are already in place at national level. Further details are laid down in the "Quick guide for dissemination of the JPI HDHL research project results" Researchers funded under the umbrella of JPI HDHL are requested to adhere to these JPI HDHL guidelines.

Funding recipients must ensure that all outcomes (publications, etc.) of transnational JPI HDHL projects include a proper acknowledgement of JPI HDHL and the respective funding partner organisations. National/regional funding organisations may request additional statements regarding the national funding. In addition, it should include the following text:

"This project has received funding from the European Union's Horizon 2020 research and innovation programme under the ERA-NET Cofund action N° 727565."

10 Ethical issues

Research supported by HDHL-INTIMIC must respect fundamental ethical principles. Applicants have to describe any potential ethical aspects of the work to be carried out, and how the project will fulfil applicable requirements in institutional, national and European Union legislation (including the ethical standards and guidelines of Horizon2020). It is the responsibility of the applicants to identify if their proposed research requires ethical approval to be obtained from the relevant national or local ethics committee prior to the start of the projects.

11 Confidentiality

The HDHL-INTIMIC JCS takes all reasonable steps to ensure that information provided in the application is treated as confidential.

12 Time schedule

When	What
5th of February 2019	Publication of the call
2nd of April 2019	**Submission deadline pre-proposals**
22th and 23th of May 2019	SEC & CSC meeting pre-proposals
28th of May 2019	Communication selection pre-proposals
9th of July 2019	**Submission deadline full proposals**
5th and 6th of September 2019	SEC & CSC meeting full proposals
October 2019	Announcement of the results
End of 2019	Start of national administrative procedures between partners and funding organisations
December 2019 until the 1st of April 2020	Start projects

ANNEX A: contact information of the national/regional funding organisations participating in HDHL-INTIMIC cofunded call "Biomarkers for Nutrition and Health"

Country	Belgium
Funding organisation	Fund for Scientific Research-FNRS (F.R.S.-FNRS)
National contact person	Name : Florence Quist Phone: +32 2 504 9350 E-mail: Florence.quist@frs-fnrs.be or Name : Joël Groeneveld Phone: +32 2 504 9270 E-mail: joel.groeneveld@frs-fnrs.be
Funding commitment	200.000 €
Anticipated number of fundable proposals	1
Maximum funding per grant awarded to a project partner	200.000 €
Eligibility of project duration	Maximum 3 years
Eligibility of a partners	All eligibility rules and criteria can be found in the PINT-MULTI regulations
Eligibility of costs, types and their caps	All eligibility rules and criteria can be found in the PINT-MULTI regulations

Eligible activities for early career researchers	Mobility and lab visits of early career scientists within the consortium
Submission of the proposal at the national level	Applicants must provide basic administrative data by submitting an administrative application on SEMAPHORE 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.
Submission of other information at the national level	N/A
Submission of financial and scientific reports at the national level	All eligibility rules and criteria can be found in the PINT-MULTI regulations
Further guidance	http://ncp.fnrs.be/index.php/appels/era-nets

Country	Czech Republic
Funding organisation	Ministry of Education, Youth and Sports (MEYS)
National contact person	Name : Daniel Hanšpach Phone: +420 234 811 360 E-mail: daniel.hanspach@msmt.cz Address : Karmelitská 529/5, Malá Strana 118 12 Prague 1, Czech Republic
Funding commitment	€ 500 000
Anticipated number of fundable proposals	Our aim is to fund around 2-3 proposals for this call
Maximum funding per grant awarded to a project partner	Maximum requested funding per project is € 500 000
Eligibility of project duration	Up to three years
Eligibility of a partners	Participants from Czech Republic must meet the criteria of **research and knowledge-dissemination organisation** (hereinafter referred to as the "research organisation") in accordance with the Framework for State Aid for Research and Development and Innovation (2014/C 198/03). These might be public universities, public research institutes and/or another entities classified as research organisations. It is obligatory for Czech participants to prove compliance with the eligibility criteria and fulfilment of the conditions set by **§ 18 of the Act No. 130/2002 Coll. on Support of Research, Experimental Development and Innovation from Public Funds** and on Amendment to Some Related Acts by means of a **Statutory Declaration**. A detailed description of the procedure and the Statutory Declaration template are available on the website of the Ministry of Education, Youth and Sports: http://www.msmt.cz/vyzkum-a-vyvoj-2/spolecne-programovani-2.
Eligibility of costs, types and their caps	Eligible costs for a Czech participant involved in a project consortium are defined by **§ 2 of the Act No. 130/2002 Coll. on Support of Research, Experimental Development and Innovation from Public Funds** and on Amendment to Some Related Acts. The maximum indirect costs set for

	the present call are **25 % (flat rate)** of direct costs without the sub-contracting. The **aid intensity** for activities carried out by a research organisation might be at the level of **100 %** provided that the research organisation complies entirely with requirements stipulated by the Article 2.1.1 "Public funding of non-economic activities" of the Framework for State Aid for Research and Development and Innovation (2014/C 198/03) and proves it by means of the above-mentioned **Statutory Declaration**. Should the above-stated criteria not be fulfilled by the Czech participant, funding rates will be adjusted appropriately by the Ministry of Education, Youth and Sports and will reach the level of **100 % for fundamental/basic research** activities, **50 % for applied research** activities and **25 % for experimental development** activities. Each Czech participant in a project consortium is requested to specify the costs related to the envisaged R&D activities in detail by using the **Eligible Costs Specification** template available on websites of the Ministry of Education, Youth and Sports: http://www.msmt.cz/vyzkum-a-vyvoj-2/spolecne-programovani-2.
Eligible activities for early career researchers	Mobility and lab visits of early career researchers within a consortium.
Submission of the proposal at the national level	All of the requested documentation for pre-proposals (**Statutory Declaration and Eligible Costs Specification**) shall be sent by each Czech participant in a project consortium to the Ministry of Education, Youth and Sports no later than **2nd of April 2017** both by electronic correspondence and post. The **electronic version** of requested documentation shall be sent to daniel.hanspach@msmt.cz. One **signed and stamped hard copy** (by the statutory representative of research organisation) of requested documentation shall be submitted as well following the instructions stipulated on websites of the Ministry of Education, Youth and Sports: http://www.msmt.cz/vyzkum-a-vyvoj-2/spolecne-programovani-2. All of the requested documentation for full proposals (the updated **Eligible Costs Specification)** shall be sent by each Czech participant in a project consortium to the Ministry of Education, Youth and Sports no later than **9th of July 2019** both by electronic correspondence and post. One **signed and stamped hard copy** (by the statutory representative of research organization) of requested documentation shall be submitted as

	well following the instructions stipulated on websites of the Ministry of Education, Youth and Sports: http://www.msmt.cz/vyzkum-a-vyvoj-2/spolecne-programovani-2.
Submission of other information at the national level	In the case that projects of Czech participant will be recommended for funding, based on the international evaluation outcomes, one approved by the Call Steering Committee, the Ministry of Education, Youth and Sports may ask the successful Czech participant to the submit additional documents either in English or Czech language in order to issue the decision on granting the national financial support according to the rules stipulated by the Ministry of Education, Youth and Sports.
Submission of financial and scientific reports at the national level	Other information will be available on the MEYS website http://www.msmt.cz/vyzkum-a-vyvoj-2/spolecne-programovani-2.
Further guidance	Official websites of the MEYS with regard to Joint Programming Initiatives are: http://www.msmt.cz/vyzkum-a-vyvoj-2/spolecne-programovani-2.

Country	France
Funding organisation	French National Research Agency (ANR)
National contact person	Dr. Sophie Gay Phone number : +33 1 78 09 80 39 Dr. Martine Batoux Phone number : +33 1 73 54 81 40 E-mail: JPI-HDHLCalls@agencerecherche.fr Agence Nationale de la Recherche (ANR) 50 avenue Daumesnil, 75012 Paris France
Funding commitment	1,5 M€
Anticipated number of fundable proposals	4 to 8
Maximum funding per grant awarded to a project partner	Minimum amount per partner: 15 k€. Maximum funding per partner: 250 k€ Maximum funding in case a partner is taking the responsibility to coordinate the project: 300K€
Eligibility of project duration	1 to 3 years
Eligibility of partners	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. Public research institutions such as EPST, EPIC, Universities, as well as most French public interest foundation (*fondation d'utilité publique*) can apply, in general for up to 100% of additional costs (*coût marginal*). This list is not comprehensive and funding rates vary. Please consult http://www.agence-nationale-recherche.fr/RF for more details. Enterprises may also apply. Funding rates vary based on types of research and sizes of enterprise. For fundamental research, maximum rates of funding are: 45% of the full project cost for SMEs and 30% for

	larger companies. Please refer to http://www.agence-nationale-recherche.fr/RF for more details.
Eligibility of costs, types and their caps	Personnel, Consumables, Animals, Subcontracts (if costs<50% eligible costs), Equipment, Travel, Overheads. (cf règlement financier ANR)
Eligible activities for early career researchers	Mobility and lab visits of early career researchers within a consortium (subject to being linked to the project)
Submission of the proposal at the national level	No
Submission of other information at the national level	Only applicable to projects selected for funding.
Submission of financial and scientific reports at the national level	Scientific reports asked to the coordinator by JPI HDHL should be communicated to ANR by the French partners in the consortium. Financial reports will be communicated to ANR according to the provisions of the règlement financier ANR (section 5.3.4 and 5.3.5)
Further guidance	ANR will avoid double funding and will not finance projects or part of projects that have been funded through other calls. See French Annex for additional French rules at http://anr.fr/HDHLINTIMIC2019

Country	Germany
Funding organisation	Federal Ministry for Education and Research (BMBF) represented by the Programme Management Agency in the German Aerospace Centre (DLR-PT)
National contact person	Name : Dr. Felicitas Bosen Dr. Svenja Finck Phone: +49 228 3821 1878 +49 228 3821 1877 E-mail: nutrition-HDHL@dlr.de Address: DLR PT, on behalf of the BMBF Heinrich-Konen-Str. 1 53227 Bonn Germany
Funding commitment	2,0 M€
Anticipated number of fundable proposals	5-6
Maximum funding per grant awarded to a project partner	up to 400.000€ per partner* *If there is only one German partner in a proposal up to 400.000€ can be requested; Two German partners in one proposal can apply for up to 700.000€ collectively
Eligibility of project duration	Up to three years
Eligibility of a partners	Eligible applicants are researchers or research groups from German universities, German university hospitals, German non-university research institutes and industry/SMEs registered in Germany (subject to certain conditions).
Eligibility of costs, types and their caps	The following costs are eligible for funding (details see German version of the call): - Research costs (e.g. personnel, consumables) - Travel & networking costs - Communication & dissemination costs - Overhead costs (“Projektpauschale”) Overheads are eligible according to standard BMBF regulations.

	Funding rates for universities, university hospitals and non-university research institutes can be up to 100% of their costs. Industry can be funded with a maximum of 50-60% of their cost.
Eligible activities for early career researchers	Mobility and lab visits of early career scientists within the consortium Participation in JPI HDHL training activity
Submission of the proposal at the national level	On request in case of a positive funding recommendation
Submission of other information at the national level	On request in case of a positive funding recommendation
Submission of financial and scientific reports at the national level	On request in case of a positive funding recommendation
Further guidance	See also German version of the call http://www.gesundheitsforschung-bmbf.de/de/8492.php

Country	Germany
Funding organisation	Federal Ministry of Food and Agriculture (BMEL) represented by the Federal Office for Agriculture and Food (BLE)
National contact person	Name : Babette Breuer Phone: +49 228 6845 2925 E-mail: babette.breuer@ble.de Address : Federal Office for Agriculture and Food (BLE) Deichmanns Aue 29 53179 Bonn
Funding commitment	500,000€
Anticipated number of fundable proposals	2
Maximum funding per grant awarded to a project partner	250,000€
Eligibility of project duration	maximum of 3 years (36 months)
Eligibility of a partners	BMEL funding is based on §§ 23 and 44 BHO (Bundeshaushaltsordnung) and associated administrative regulations. The main items are the following: - The funding regulations, follow-up and reporting of publicly funded projects are regulated according to NABF (Nebenbestimmungen des Bundesministeriums für Bildung und Forschung für Zuwendungen zur Projektförderung auf Ausgabenbasis) resp. AN-Best-P (Allgemeine Nebenbestimmungen für Zuwendungen zur Projektförderung) and NKBF-2017 (Nebenbestimmungen des Bundesministeriums für Bildung und Forschung für Zuwendungen zur Projektförderung auf Kostenbasis an Unternehmen der gewerblichen Wirtschaft für Forschungs- und Entwicklungsvorhaben).

	- Proposed projects must be in line with the above mentioned national announcement. - Maximum of 250.000€ funding will be awarded per project as non-repayable project grant. - Eligible Applicants are universities and research institutions domiciled in Germany. Research institutions receiving basic financing can be funded subject to specific conditions.
Eligibility of costs, types and their caps	- Personnel - Consumables - Subcontracts - Equipment - Travel **Please note:** Overhead costs are **not** eligible for project participants supported with BMEL funds.
Eligible activities for early career researchers	As specified in section 2, the costs for participation at early career researchers' activities are eligible, however, subject to approval of the national funding application.
Submission of the proposal at the national level	Successful participants will be invited to submit a national funding application.
Submission of other information at the national level	Additional information may be required upon submission of a national funding application.
Submission of financial and scientific reports at the national level	yes, see above
Further guidance	Please refer to the national call announcement (Bekanntmachung) and/or the national contact person.

Country	Israel
Funding organisation	Ministry of Science and Technology (MOST)
National contact person	Name : Sharon Yagur-Kroll, Ph.D Phone:972-2-5411862 E-mail: sharonYK@most.gov.il Address : Clermont-Ganneau St 3, Jerusalem
Funding commitment	0.4 M€
Anticipated number of fundable proposals	4
Maximum funding per grant awarded to a project partner	Up to 100.000€ per partner
Eligibility of project duration	Up to three years
Eligibility of partners	1. The Principal Investigator (PI) must be affiliated with an academic institution, meaning – i. An accredited institution of higher learning in Israel, according to the Council for Higher Education Law, 1958. ii. A Research Institute recognized as such by the Israel Science Foundation (ISF). iii. A Research Institute which is a nonprofit organization. iv. A Research Institute which is a government company or a government unit. For the purposes of this Call a "Research Institute" means a research institute which a significant portion of its activity is the advancement of cutting-edge scientific knowledge, which possesses appropriate infrastructure and equipment, and which employs researchers who, inter alia, publish articles related to their research in leading scientific journals and who present their research at international symposia.

	Industrial partners are encouraged to participate in research teams headed by Principal Investigators from an academic institution. 2. Israeli Principal Investigators (and affiliated academic institution) are responsible to Israeli MOST for the execution of the project. 3. Proposals for which funding is approved, which include experiments with animals, must submit the approval of the relevant Committee for Experimentation on Animals before the project can commence. 4. Proposals for which funding is approved, which involve human beings, must submit the approval of the relevant Helsinki Committee before the project can commence.
Eligibility of costs, types and their caps	(1) Stipend and/or salary for graduate students, post-doctoral fellows, technicians and/or laboratory workers retained specifically for the purpose of the project for a temporary period of up to 3 years; (2) Consumables; (3) Small Equipment; (4) Travel and visiting costs; (5) Joint seminars and workshops; (6) Overhead expenses up to 15% of the total amount of the research project inclusive of the funds provided on the basis of this Call.
Eligible activities for early career researchers	Mobility and lab visits of early career scientists within the consortium
Submission of the proposal at the national level	
Submission of other information at the national level	
Submission of financial and scientific reports at the national level	In accordance with MOST Standard Contract for Scientific Projects
Further guidance	All procedures and activities under this Call or the projects approved hereunder, including the eligibility of institutions via which applications must be filed, are subject to the standard MOST Procedures Regarding Scientific Projects and Scholarships Funded by MOST, and to the MOST Standard Contract for Scientific Projects

Country	ITALY
Funding organisation	Ministero delle politiche agricole, alimentari, forestali e del turismo (MIPAAFT)
National contact person	Name : Annamaria Stella Marzetti Phone: +39 06 46655174 E-mail: a.marzetti@politicheagricole.it Address : MIPAAFT Via XX Settembre 20, 00187 Rome, IT
Funding commitment	250.000€
Anticipated number of fundable proposals	2-4, depending on final scientific ranking
Maximum funding per grant awarded to a project partner	-
Eligibility of project duration	maximum of 3 years (36 months)
Eligibility of a partners	Eligible partners are: national public research bodies (ministerial, regional-provincial centers, universities, etc.) and no-profit private bodies if, in their institutional and statutory scope, there is performing research activities. SME or other private bodies can participate if they are able to provide their own funds to carry out the work. Addendum: Only research groups with documented expertise and participating in national and/or European research projects in thematic areas relevant for the call are eligible for funding. Activities should address and contribute to the implementation of the Strategic Plan for Innovation and Research in the agricultural, food and forestry sector 2014-2020, in particular to the objectives of area 4.d. https://www.politicheagricole.it/flex/cm/pages/ServeBLOB.php/L/IT/IDPagina/9065
Eligibility of costs, types and their caps	Eligible costs: - Personnel: only salaries of non-permanent scientific staff (including temporary contracts, post docs, PhD students, fellowships and grants). - Travel expenses-for permanent and non-permanent staff.

	- Consumables - External activity costs – expenditures for activity carried out externally to the applicant institution (consultancy services, agreements, maintenance, repairs, material transportation when needed for the project implementation) - Equipment : quotes proportional to the use in the project (see D. M. n. 27532 of 23/11/2016) - Overheads – no more than 12% of the total amount of the above mentioned costs. - Coordination – if an Italian institution is playing a role of coordinator non-permanent administrative staff can be included in the coordination cost. MIPAAFT will grant up to 99% of the approved eligible project costs.
Eligible activities for early career researchers	The costs for participation at early career researchers' activities are eligible, however, subject to approval in the national funding application (detailed description required)
Submission of the proposal at the national level	Only at the end of the selection procedure, IT research partners of the projects selected for funding will have to fill out in Italian the forms that will be provided by MIPAAFT to apply for grant
Submission of other information at the national level	Applicants are recommended to contact the N.C.P. before submission of the proposal
Submission of financial and scientific reports at the national level	Yes, see below
Further guidance	For more information on the national procedure please refer to the ministerial decree n. 27532 of 23/11/2016 available at: https://www.politicheagricole.it/flex/cm/pages/ServeBLOB.php/L/IT/IDPagina/10656 The criteria and provisions herewith are intended for informative purpose and refer to this specific call.

Country	ITALY
Funding organisation	Italian Institute of Public Health Istituto Superiore di Sanità (ISS)
National contact person	Name : Marco Silano Phone: +39 06 49902544 E-mail: marco.silano@iss.it Address : Istituto Superiore di Sanità Viale Regina Elena 99, 00161 Rome, IT Name: Roberta Masella Phone: +39 0649902544 E-mail: roberta.masella@iss.it Address: Istituto Superiore di Sanità Viale Regina Elena 299, 00161 Rome, IT
Funding commitment	250,000
Anticipated number of fundable proposals	1 to 2
Maximum funding per grant awarded to a project partner	250,000
Eligibility of project duration	maximum of 3 years (36 months)
Eligibility of a partners	Research groups belonging to National Institute of Health / Istituto Superiore di Sanità, ISS) with an excellent expertise in thematic areas relevant for the call are eligible to participate in METADIS*. Applicants that belong to national public and private research institutions, that among their institutional and statutory scopes are “performing research activities” and not only are “promoting or supporting research activities”, can participate as project partner if they can provide their own financial resources to carry out the work. It is mandatory for all the private research bodies defined above that they state in the official documents

	(statute and/or articles of incorporation, memorandum of association) their non-profit's purpose. SMEs, industries and organisms with other statutory nature are welcome as participants if an added value to the network is proven and if they are willing to share data and results within the METADIS initiative. They must be able to provide their own financial resources to carry out the work. A short description of the Enterprise involved in a proposal, its role and the added value brought to the project with its participation must be included together with a declaration on own-funding. * ISS in cash contribution will be available for supporting ISS researchers only.
Eligibility of costs, types and their caps	• Personnel– Only non-permanent scientific staff (including foreign visiting scientists, post docs, PhD students, fellowships and grants). • Travel expenses-for permanent and non-permanent staff. • Consumables - External activity costs – expenditures for activity carried out externally to the research applicant (Consultancy services, agreements, maintenance, repairs, material transportation when needed for the project implementation). - Overheads – no more than 10% of the total amount of the above mentioned costs. - Coordination – if an Italian institution is playing a role of coordinator non-permanent administrative staff can be included in the coordination cost. - ISS in cash contribution will be - available for supporting ISS researchers only by up to 100% of the approved eligible project costs.
Eligible activities for early career researchers	The costs for participation at early career researchers' activities are eligible, however, subject to approval in the national funding application (detailed description required)
Submission of the proposal at the national level	Once the Project has been approved for funding and during the negotiation each research unit will have to fill in the forms provided by the ISS and present it to the funding bodies to apply for contribution. In case of a research unit acting as coordinator, the description of the general plan of activities must also be presented to the funding bodies, including the activity of all partners and the financial sheet of the Italian research participants.

Submission of other information at the national level	On request in case of a positive funding recommendation
Submission of financial and scientific reports at the national level	On request in case of a positive funding recommendation
Further guidance	The criteria and provisions herewith are intended for informative purpose and refer to this specific call.

Country	Latvia
Funding organisation	Ministry of Education and Science
National contact person	Kaspars Karolis kaspars.karolis@izm.gov.lv
Funding commitment	300 000 EUR
Anticipated number of fundable proposals	1-2
Maximum funding per grant awarded to a project partner	€150,000 for partners, €300,000 for coordinators – Max. LV Total budget requested by ALL Latvian partners within the one proposal: €300,000
Eligibility of project duration	Duration of the project - up to 3 years.
Eligibility of a partners	R&D institutions (research institutes, universities, higher education establishments, research centres etc.) that are listed in the Registry of Research Institutions operated by the Ministry of Education and Science of the Republic of Latvia. Any other type of participants can participate on their own costs and are not covered by the Ministry
Eligibility of costs, types and their caps	Personnel costs (researchers, technicians and other supporting staff to the extent employed on the research project) and relevant personnel taxes. Other direct costs such as consumables, equipment (only depreciation costs), materials, reagents. Travels and allowances according to travel plan Indirect costs can reach a maximum of 25% of the total direct costs

	The activities must correspond to “research” according to Latvian Law on Scientific Activity.
Eligible activities for early career researchers	-
Submission of the proposal at the national level	-
Submission of other information at the national level	-
Submission of financial and scientific reports at the national level	-
Further guidance	-

Country	The Netherlands
Funding organisation	ZonMw *ZonMw will carry out this call on behalf of the Top Sector Life Sciences & Health and Agri & Food. Please note that, therefore, the PPP allowance is in place for Dutch research groups instead of the general terms and conditions of ZonMw.*
National contact person	Name : Wilke van Ansem Phone: 0031-70-3495164 E-mail: jpihdhlprojects@zonmw.nl **Please note:** Dutch applicants should contact ZonMw to discuss the Dutch rules and regulation for this call before submitting an application.
Funding commitment	€750.000
Anticipated number of fundable proposals	ZonMw aims to fund around 3 proposals in this call.
Maximum funding per grant awarded to a project partner	Dutch applicants can apply for maximum €250.000 per application (this is excl. in kind cost for the Dutch component per proposal).
Eligibility of project duration	Up to three years
Eligibility of a partners	Research organisations such as universities and academic hospitals. The Dutch consortium consists of at least one company with a profit objective and at least one research organisation: *Co-funding of a for-profit enterprise is a condition for Dutch applicants to be eligible. Please carefully read the eligibility of cost section for the explanation regarding the required co-funding (The percentage of co-funding depends on the type of research).*
Eligibility of costs, types and their caps	**Eligible costs and use of subsidy (PPP Allowance):** The project costs that can be incurred (eligible costs) must be directly related to the research and development activities. Examples are: scientific personnel (regular and temporary), technicians, supporting staff, consumables and the use of equipment specifically required for the project (depreciation system). Commercial rates may not be entered. For a more detailed explanation of (the calculation of) eligible costs, please refer to the Commission Regulation (EU) No 651/2014 of 17 June 2014, article 25 and the Framework Decision National Grants of the Ministry of Economic Affairs, Chapter 4, articles 10-14. The subsidy (PPP Allowance) can only be used to cover part of the eligible costs. **Examples of ineligible costs:** Patent applications and costs for retaining a patent (patents purchased at arm's length conditions or for which external parties grant a licence are eligible for funding); Auditor's statement; Bench fee; Travel within the Netherlands; Supporting personnel who are not directly

	involved in the R&D activities, such as a project auditor, business developer, administrative employee; Drawing up a business case; Overheads; Project management tasks that are not directly related to the specific R&D activities. **Type of research:** The project entails fundamental, industrial research or a combination thereof: *Fundamental research* means experimental or theoretical work undertaken primarily to acquire new knowledge of the underlying foundations of phenomena and observable facts, without any direct commercial application or use in view. *Industrial research* means the planned research or critical investigation aimed at the acquisition of new knowledge and skills for developing new products, processes or services or for bringing about a significant improvement in existing products, processes or services. It comprises the creation of components parts of complex systems, and may include the construction of prototypes in a laboratory environment or in an environment with simulated interfaces to existing systems as well as of pilot lines, when necessary for the industrial research and notably for generic technology validation. - In case of fundamental research, the subsidy (PPP Allowance) covers a maximum of 75% of the total eligible project costs. At least 15% of the total eligible costs must be co-funded by a for-profit enterprise. At least 10% of the total project costs has to be contributed by a research organisation and is allowed to be fully in kind. - In case of industrial research, the subsidy (PPP Allowance) covers a maximum of 50% of the total eligible project costs. At least 35% of the total eligible costs must be co-funded by a for-profit enterprise. At least 15% of the total project costs has to be contributed by a research organisation and is allowed to be fully in kind. - Depending on the size of the for-profit enterprise, this contribution can be in cash or in kind. The contribution of SMEs is allowed to be fully in kind; an cash contribution is however encouraged. At least 2/3 of the required minimum contribution of a large enterprise must consist of a cash contribution. - Besides a possible cash contribution, all consortium partners should make an in-kind contribution. This means that at least all consortium partners incur payroll costs.
Eligible activities for early career researchers	Activities should be directly linked to the R&D activities within the project.
Submission of the proposal at the national level	Only successful Dutch project partners will have to submit a formal application through ZonMw ProjectNet/ AIMS. We expect successful projects with two Dutch partners to nominate one project leader to manage the award on behalf of the successful Dutch applicants.
Submission of other information at the	**Pre-proposals:** Dutch applicants should inform ZonMw by email regarding the participation of the company (name company + information contact person) before the submission date of the pre-proposals. In addition to this, also information regarding the type of research, performed activities and cost should be send to ZonMw.

national level	**Full-proposals**: A signed letter of commitment of the company should be send by email to ZonMw before the submission date of the full proposals.
Submission of financial and scientific reports at the national level	Successful Dutch project partners will have to submit an annual progression report and a financial statement to ZonMw.
Further guidance	ZonMw carries out this call for the Top Sector Life Sciences & Health and Agri & Food. Therefore, the call will follow the PPP allowance instead of the ZonMw Grants and Conditions. Please contact ZonMw to further discuss the conditions of this call. More information regarding the PPP allowance and related issues can be found here: - Commission Regulation (EU) No 651/2014 of 17 June 2014 - Framework Decision National Grants of the Ministry of Economic Affairs - The revised User Guide to the SME definition - Knowledge and Innovation Agenda 2018-2021 - Framework for State aid for research and development and innovation - TKI Allowance Regulation Government Gazette 2012 - TKI Allowance Regulation Government Gazette 2016

Country	Norway
Funding organisation	Research Council of Norway (RCN)
National contact person	Name : Mona Gravningen Rygh Phone: +4797630301 E-mail: mgr@rcn.no Address : PO Box 564, NO-1327 Lysaker, Norway
Funding commitment	1,5–2 mill. Euros with euro exchange rate at the time of application
Anticipated number of fundable proposals	4-8
Maximum funding per grant awarded to a project partner	Applicants planning to be project coordinators, may apply for up to 600 000 euro. Applicants planning to be partners may apply for 300 000 euro. Only coordinators may include a PhD. (The PhD has to be fully financed according to Norwegian rules.)
Eligibility of project duration	3-4 years
Eligibility of a partners	Applications will be accepted from Norwegian research institutions (University, University college, Research institute or other institution at which research constitutes an important activity). Trade and industry may participate as partners.
Eligibility of costs, types and their caps	Personnel costs, running costs, and dissemination costs.
Eligible activities for early career researchers	A PhD has certain activities that have to be completed. Exchanges of ECSs within the consortium.
Submission of the proposal at	Yes. Norwegian research institutions that will be participants in a final project will have to submit an application to the Research Council of Norway.

the national level	
Submission of other information at the national level	Will be included in the national application.
Submission of financial and scientific reports at the national level	Yes, annually
Further guidance	The national programmes BEDREHELSE, HAVBRUK, MARINFORSK and BIONÆR are funding the Norwegian participation. Norwegian applicants should be eligible to apply to one or more of these national programmes. It is an advantage that the applicants from Norway have participated in international research project collaboration.

Country	Spain
Funding organisation	National Institute of Health Carlos III (ISCIII)
National contact person	Name : Ignacio Baanante Phone: (+34) 91 822 2576 E-mail: ibaanante@isciii.es
Funding commitment	250 000 €
Anticipated number of fundable proposals	2-3 projects tentatively envisaged to be funded
Maximum funding per grant awarded to a project partner	• Up to **100,000** € per partner (overheads included) or • Up to **175,000** € per consortium coordinator (overheads included).
Eligibility of project duration	Up to 3 years
Eligibility of a partners	• The Principal Investigator (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)

<table>
<tr><td>Eligibility of costs, types and their caps</td><td>
<table>
<tr><th></th><th>Coordinator</th><th>Partner</th></tr>
<tr><td>Personnel
Up to 3 years, full-time or part-time contracts (only for additional personnel)
Excluded: Students and fellowships</td><td>Total cost per annual full-time contract:
Technical expert, higher degree: 29,500 €
Technical expert, medium degree: 24,500 €
Technical expert, FP II: 20,500 €</td><td>Not eligible</td></tr>
<tr><td>Small Equipment</td><td>Up to 40,000 €</td><td>Up to 20,000 €</td></tr>
<tr><td>Travel and Allowance</td><td>Up to 9,000 €</td><td>Up to 4,500 €</td></tr>
<tr><td>Consumables</td><td colspan="2">Up to 100% of direct cost</td></tr>
<tr><td>Subcontracting and other services</td><td colspan="2">Up to 50% of Total cost
Private (bio)companies and SMEs included</td></tr>
<tr><td>Overheads</td><td colspan="2">Up to 21% of direct cost</td></tr>
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</td></tr>
<tr><td>Eligible activities for early career researchers</td><td>None</td></tr>
<tr><td>Submission of the proposal at the national level</td><td>• National applications will be required by ISCIII. Spanish Applicants should periodically check the web page of ISCIII if they are qualified. ISCIII may not send invitations to the mandatory national phase.
• ISCIII and AEI may exchange each other applicant (s) in order to maximize the available funds meeting the respective eligibility rules.</td></tr>
<tr><td>Submission of other information at the</td><td></td></tr>
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national level	
Submission of financial and scientific reports at the national level	
Further guidance	• 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 call 2019 and within the INTIMIC (JPI HDHL) framework"* even after the end of the project • 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

Country	Sweden
Funding organisation	The Swedish Research Council Formas (FORMAS)
National contact person	Name: Erika Ax, Senior Research Officer Phone: +46 (0)8-775 40 26 E-mail: erika.ax@formas.se Name: Anna Kuznetcova, Research Administrator Phone: +46 (0)76-000 24 95 E-mail: anna.kuznetcova@formas.se
Funding commitment	900 000 Euro
Anticipated number of fundable proposals	3
Maximum funding per grant awarded to a project partner	Maximum 300 000 Euro, coordinators may apply up to 450 000 Euro. Two Swedish partners in a consortium may apply for in total, up to 450 000 Euro.
Eligibility of project duration	Up to 3 years.
Eligibility of a partners	Swedish partners are obliged to include at least one Early Carrier Scientist (ECS), defined as a PhD student or a post-doc in the project. An exchange/mobility of a Swedish ECS is mandatory to include as a training activity in the project plan. The visit should be minimum 1 month. The visit may be divided into several periods. To be eligible to apply for Formas' grants main applicants and participating researchers must have a doctoral degree. Formas grants can only be administered by a Swedish university, university college, research institute, government agency with research assignment or other Swedish public organisation that fulfils the grant administrating organisation eligibility requirements of Formas. Please see Formas' requirements for "Grant administrating-organisations"

	Other actors, especially industry, are welcome to participate as partners.
Eligibility of costs, types and their caps	Project grants from Formas may be used for the financing of salary for researchers, doctoral students (up to three years) and technical staff (including social-security contributions, but not salary increases). Grants may also be used to finance running costs (e.g. consumables, equipment under 500 kSEK, travel costs, and publication in open access journals) and premises costs. For further information see Formas' "General Instructions" Travel and accommodation costs in relation to training activities for ECS should be included in the budget. Please note that no supplementary funding for additional costs related to the exchange/mobility will be added to the project budget by Formas.
Eligible activities for early career researchers	Training activities for ECS should be directly linked to the research project. Funding for ECS; PhD student(s) or post-doc(s). An exchange/mobility of a Swedish ECS is mandatory to include as a training activity in the project plan. The visit should be minimum 1 month. The visit may be divided into several periods. Participation in JPI HDHL training activity.
Submission of the proposal at the national level	Yes. At full proposal stage the Swedish principal investigators (PI) will be invited to submit the application of the consortium directly to Formas (in the application system Prisma). Information needed for the submission will be provided in a separate invitation to those who are selected and invited to submit a full proposal.
Submission of other information at the national level	Included in the national application.
Submission of financial and scientific reports at the national level	Yes, annual economic reporting and final economic and scientific reporting to Formas.
Further guidance	Swedish applicants in the same project consortium must be associated to a single PI. The national PI is responsible for sending in the application to Formas and, if granted funding, responsible for the project on a national level, for signing the "Approval of terms" and for financial and scientific reporting to Formas.

	The final decision on funding for Swedish research partners will be taken by Formas' Scientific Council. Decisions about grant awards are not subject to appeal. Researchers who receive funding from Formas must guarantee that their research results will be available through Open Access within six months of publication. When disseminating results from the project it must be clearly acknowledged that Formas has contributed project funding and that the project is funded within the Swedish National Research Programme for Food For additional information regarding for example Formas' ethical guidelines and issues concerning public and open access please see Formas "General instructions"