



## ERA-HDHL

### Call for Joint Transnational Research Proposals:

**“Addressing adverse and beneficial effects of food ingredients and food processing on hypersensitivities to food” (FOOD\_HYPERSENS)**

**Submission deadline:**  
**April, 8th 2021 at 17h CEST**

**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](mailto:JPI-HDHLCalls@agencerecherche.fr)



## Table of Contents

1. Introduction .....	3
2. Background .....	3
3. Aim of the call.....	3
4. Participating countries and respective funding organisations .....	6
5. Management of the call .....	7
6. Application.....	7
6.1 Eligibility .....	7
6.2 Submission of joint proposals .....	9
7. Evaluation and decision .....	9
7.1 Eligibility check.....	9
7.2. Written review reports, evaluation criteria & scoring system .....	10
7.3 Rebuttal stage .....	11
7.4 SEC meeting .....	12
7.5 Decision.....	12
8. Financial and legal issues.....	12
8.1 Funding model.....	12
8.2 Financial modalities.....	12
8.3 Legal modalities .....	13
9 Responsibilities and reporting requirements .....	14
9.1 Progress report .....	14
9.2 Communication .....	14
9.3 Utilisation of knowledge .....	14
10 Ethical issues .....	15
11 Data Management Plan .....	15
12 Confidentiality .....	16
13 General Data Protection Regulation .....	16
14 Time schedule .....	17
ANNEX: Regulations and contact information for the national/regional funding organisations participating in the FOOD_HYPERSENS Call. ....	18

## 1. Introduction

The Joint Programming Initiative “[A Healthy Diet for a Healthy Life](#)” (JPI HDHL) has been established to coordinate research in the areas of food and health in order to tackle 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. The JPI HDHL also aims to establish new research networks, to harmonise protocols, to share data, guidelines, research facilities and capacities and promote transnational and transdisciplinary collaboration that will allow the development of ambitious research projects that meet the needs identified by the JPI HDHL.

In agreement with the mission of the JPI HDHL, the ERA-NET Cofund ERA-HDHL aims at coordinating national and regional research programmes on food, nutrition and human health in general. This joint transnational call is the sixth Joint Funding Action implemented in the frame of the ERA-HDHL. This call intends to fund dedicated, top-class transnational and transdisciplinary research consortia focusing on how food ingredients and food processing could modulate hypersensitivities to food (i.e. Food Intolerance and Food Allergy).

## 2. Background

Food intolerances and food allergies are becoming increasingly common probably due to changes in the living environment, including diets. Individuals suffering from such problems often have to abstain from many food products increasing the risks associated to unbalanced diets. As processed food constitutes an important share of modern diets, it is important to understand how food ingredients and food processing methods can induce or prevent the development of food intolerances and food allergies. There is (I) a clear lack in understanding the causative agents of hypersensitivities and (II) a need for development or validation of better diagnostic tools and detection methods.

## 3. Aim of the call

The aim of this call is to address **how food ingredients and food processing methods can induce or prevent the occurrence of food intolerances and allergies** among the consumers.



Proposals should include research on one or more of the following topics:

- the mechanisms, responsible for inducing or preventing food intolerances and food allergies, both in children and adults (e.g. immunity; inflammation; nutrient metabolism; genetics; microbiota; physiology);
- how food processing and food ingredients can modulate the occurrence of food allergies/intolerances;
- the development of new approaches to food processing (e.g. novel food ingredients, novel processing methods) to decrease food intolerance/food allergy;
- the development and/or validation of diagnostics/methods to distinguish between actual and perceived food intolerances and allergies (IgE and non-IgE-mediated);
- the development and/or validation of detection methods for adverse or beneficial food components generated through food processing.

Beyond the research topics the following points should be taken into account:

- Proposals should show a strong collaboration between partners from different disciplines e.g. food technologists, nutrition scientists, social scientists, immunologists and / or health scientists;
- Proposals should clearly demonstrate the benefit of working together and the unique contribution of each partner.
- Proposals should be consumer/patient-oriented, e.g.: by handling consumer perception, by improving the availability of allergen information to consumers i.e. food labelling, online information etc., by involving consumers during food product development, through a better communication/information to the population or by other relevant activities
- Proposals are encouraged to engage end-users (e.g. consumers/patients, industry, clinicians) in the research process from conception of the study to dissemination and implementation. These partnerships increase the impact of research and facilitate its later use in public health practice, contributing to the sustainability of the funded initiative.
- Collaboration with industry as a partner (eligible for funding), as collaborator (participating with own budget) or as part of an advisory board is strongly encouraged.

- Proposals should consider potential moderators of effects such as age, sex, gender and ethnic or other demographic features/differences in the respective research approaches.
- Proposals should make use of existing biobanks and existing cohorts, if applicable. Otherwise, it should be explained why existing biobanks/ cohorts are not used.
- Animal studies and in vitro work with a clear relevance to human health and the topic being proposed are within the scope of this call

Proposals exclusively focused on epidemiological studies are not eligible for this call. Proposals may, however, include epidemiological studies where this is well-justified and clearly required to address one or several topics of the call.

### **Expected impact of the call**

This call will result in the establishment or continuation of transnational collaborations in the nutrition and health research area. Coordination of transnational research networks will 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.

The results of the projects funded by this call will improve the prevention of hypersensitivities to food and may lead to practical guidance to food business operators and new policy recommendations. For example, the identification of new allergens will help to improve the management of allergens and advanced food production processes may facilitate the removal of allergens or substances causing intolerances, resulting in food products which are suitable for more consumers. The research results will contribute to reducing the public health burden and consumer concerns by decreasing the incidence of at least some types of food intolerances and allergies. For instance, new diagnostic tests will allow consumers/patients to determine the origin of their intolerance/allergy and change their nutrition habits accordingly. In addition, the research results will identify food ingredients or production processes with beneficial effects on human health.

Such developments could also lead to enhanced competitiveness of the European food and drink industry, including SMEs, thanks to the development of innovative food products.

Since the foundation of JPI HDHL, the political commitment to battle unhealthy lifestyles and achieve food and nutrition security has grown significantly. In 2016 the United Nations' agenda Transforming Our World: the 2030 Agenda for Sustainable Development was published, containing 17 Sustainable Development Goals (<https://sdgs.un.org/goals>). The governments of the 193 countries who adopted the agenda have agreed to work towards comprehensive, integrated and universal transformations. Six of the 17 Sustainable Development Goals are directly related to nutrition, diet and health. Moreover, lifestyle-related societal challenges are embedded within many of the 17 Sustainable Development Goals. Thanks to their results, we expect that the funded projects will directly contribute to the sustainable development.

#### 4. Participating countries and respective funding organisations

The following participating funding organisations have agreed to fund this call for transnational research projects and their contributions are listed below:

Countries	Funding organisations	Acronym	Contribution in Million €
Belgium	Research Foundation-Flanders	FWO	0,2
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	1,5
Israel	Ministry of Science and Technology	MOST	0,2 <sup>a</sup>
Latvia	Ministry of Education and Science	IZM	0,15 <sup>b</sup>
Norway	Research Council of Norway	RCN	1,0 <sup>c</sup>
Poland	National Centre for Research and Development	NCBR	0,4
United Kingdom	Biotechnology and Biological Sciences Research Council, as part of UK Research and Innovation	BBSRC/UKRI	0.5 <sup>d</sup>
United Kingdom	Food Standards Agency	FSA	0,25 <sup>d</sup>
United Kingdom	Medical Research Council, as part of UK Research and Innovation	MRC/UKRI	0,5 <sup>d</sup>



<sup>a</sup> Funding for the Israeli researchers participating in approved projects depends on the approval of the State budget for 2021 and the availability of funds.

<sup>b</sup> Activities of the researchers funded by Latvia will not be funded after November 2023.

<sup>c</sup> Euro exchange rate at the time of application

<sup>d</sup> Euro exchange rate provided to UK applicants

## 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).

Two boards, the Call Steering Committee (CSC) and the Scientific Evaluation Committee (SEC), will manage the evaluation and the selection process of the call. The process includes the evaluation procedure of the proposals, 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. To avoid potential conflicts of interest, CSC members are not allowed to either submit any proposal to this call or participate in any submitted proposals. 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 will not submit or participate in proposals within this call. 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 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), in non-university research institutes, in foundations, in



hospitals and in other health care settings as well as in the private sector such as in commercial enterprises, in particular small and medium-size ones (non-exhaustive list).

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

The funding will be initially granted for 3 years.

Only transnational projects will be funded: each consortium must involve a **minimum of three** partners eligible for funding by the national/regional participating funding organisations and a **maximum of six** partners eligible for funding by the participating funding organisations from **at least three different countries** (see section 4 for a list of participating funding organisations and countries). No more than **two eligible partners from the same country** will be accepted within the same consortium. Each project partner will be represented by a single principal investigator, **who will be the contact person for its relevant funding organisation**. Please note that a principal investigator cannot be involved in more than two proposals submitted to this call (i.e. twice as a partner or once as a coordinator and once as a partner).

Additional participants -called **Collaborators**- may participate in projects if they clearly demonstrate an added scientific 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 per consortium is allowed and the total number of partners asking for funding and Collaborators within the consortium cannot 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. A principal investigator must be eligible for funding and cannot coordinate more than one proposal submitted to this call. **The project coordinator will be the main contact between the JCS and the consortium and will represent the consortium externally.**



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

A **partnership tool** is available on the [JPI HDHL website](#). To access, please log in and go to “JPI HDHL Partnership forum” to offer your support or look for a partner.

## 6.2 Submission of joint proposals

This call uses a single submission procedure (full proposals), including a rebuttal stage.

Proposals must be written in English and must be submitted before **April, 8th 2021 at 17:00 CEST** to the JCS by the project coordinator through the JPI HDHL electronic submitting system exclusively. The structure and the content of the proposal should strictly follow the “Guidelines for applicants”.

Each principle investigator involved in a proposal must register and complete his profile on the Meta Data Base of the JPI HDHL (<https://www.healthydietforhealthylife.eu/index.php/meta-data-base>) before a proposal can be submitted.

The funding decision will be communicated to all project coordinators in October 2021.

## 7. Evaluation and decision

### 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; compliance with 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 that do not comply with the formal conditions will be rejected. Proposals fulfilling eligibility rules will be peer reviewed.

## 7.2. Written review reports, evaluation criteria & scoring system

Each proposal will be allocated to at least two independent SEC members for written review. These evaluations include comments and scoring of the proposals based on the following evaluation criteria:

### 1. Excellence

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

### 2. Impact

- a. Potential impact of the expected results for future public health, for other health relevant applications and/or for industry (i.e. product 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. Participation/engagement with industry (when appropriate/applicable)
- d. Effectiveness of the proposed measures to exploit and disseminate the project results (including management of intellectual property rights), to communicate the project results in a tailored manner to the different audiences (e.g. policy makers, industry, patients), 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 (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: appropriate distribution of resources in relation to project activities
- e. Appropriateness of the management structures and procedures, including risk, innovation management and ethical considerations.
- f. Sustainability of the research capacities initiated by the project (e.g. FAIR<sup>1</sup> data management)

### 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.

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

**Proposals not relevant to the call topic and objectives will not be funded, independently of their scientific quality.** Evaluation scores will be awarded for the three main criteria. Each criterion will be scored out of five.

### 7.3 Rebuttal stage

Prior to the SEC panel meeting, each project coordinator will have the opportunity to answer the comments of the reviewers. Issues that are not related with reviewers' comments cannot be addressed and the work plan cannot be modified at this stage. (Please note that the reviewers will remain anonymous).

The applicants will have up to 10 days (**between June 14<sup>th</sup> and June 24<sup>th</sup> 2021**) for this **optional** answer to the reviewers' comments.

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<sup>1</sup> FAIR is the abbreviation of: findable, accessible, interoperable and reusable. See infra 11. Data management plan



## 7.4 SEC meeting

The SEC will meet to discuss each proposal and, after consideration of the evaluation criteria, written reviews, rebuttals and their own discussions, the SEC will make a funding recommendation of the proposals and rank proposals recommended for funding. The final summary review report prepared by the SEC members will be send to each project coordinator.

## 7.5 Decision

A final decision, based on the ranking list established by the SEC and on the available funding, will be taken by the national/regional 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.

# 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. This means that, within a project consortium, participating funding organisations will fund partners eligible to their funding exclusively, according to their respective regulations

## 8.2 Financial modalities

Projects will be initially funded for a period of three years <sup>2</sup>. Project partners will be funded by their relevant national/regional funding organisations according to their 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 project partner is responsible for providing financial reports to its national/regional funding organisation. Prior to submitting a proposal, applicants should verify

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<sup>2</sup> Please note that for partners funded by IZM, the funding will be up to November 2023 only.



their eligibility and financial support and are strongly advised to contact their national/regional contact person (see Annex for national/regional contact details).

In order to minimise 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 project 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 closely as possible. Once an award has begun, every effort should be made to ensure the work is delivered to the original timetable. An extension to an award (even if no additional funding is sought) cannot be relied upon and will be depend on the decision of each national funding organisation and its normal grant rules.

### 8.3 Legal modalities

#### **Consortium agreement.**

Ownership and transfer of newly developed intellectual property, as well as access to existing intellectual property are a core part of project success and contribution to society and therefore, should be properly managed from the beginning of the project. Any particular protection and exploitation strategy should be agreed upon before the research activities start, and arrangements need to comply with the relevant national and/or European legislation (please refer to ANNEX for national requirements).

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 [IPR](#) (Intellectual Property Rights) and [DESCA](#) (Development of a Simplified Consortium Agreement) websites. There is a shared responsibility between all project partners of the consortium for progress of the project.

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

## 9 Responsibilities and reporting requirements

### 9.1 Progress report

The project coordinator is required to submit a mid-term scientific progress report on behalf of the project consortium to the JCS 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/regional funding organisations may also request annual progress reports and a final report on the project from the different project partners from their respective country.

In addition, project coordinators may be asked to present two progress updates, one intermediate and one final status symposium. Project partners may also be asked to participate in the final status symposium. Travel costs associated with the symposium may be requested within the application, based on the specific funding regulations of the various participating funding organisations

### 9.2 Communication

The project coordinator represents the consortium externally and is responsible for all communication with the JPI HDHL and the ERA-HDHL. For the effective contribution of the project to the objectives of the JPI HDHL and the ERA-HDHL, 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 FOOD\_HYPERSENS 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 provide an open access publication of their results. Due consideration should be given to consistency with similar policies that are already in place at national and European 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/regional funding. In addition, it should include the following text:

*“This project received funding from [name of funding organisations, or an acknowledgment as requested by your national/regional funding organisations] under the umbrella of the European Joint Programming Initiative “A Healthy Diet for a Healthy Life” (JPI HDHL) and of the ERA-NET Cofund ERA-HDHL (GA N° 696295 of the EU Horizon 2020 Research and Innovation Programme).”*

## 10 Ethical issues

Research supported by ERA-HDHL 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 Horizon 2020). 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 Data Management Plan

JPI HDHL adopted the FAIR data Principles and agreed that all new funded research by the JPI HDHL should apply these principles. Thus, researchers applying to the FOOD\_HYPERSENS call must complete a short data management strategy in their application (mandatory for all applicants).

### Information on FAIR data and data management

JPI HDHL drafted a [FAIR Data Guideline](#) to support researchers, which includes a template for a full data management plan. Funded research projects will be asked to submit a full data management plan using this template. In addition, an updated version of the data management plan has to be submitted to the JCS together with the progress report.

More information about FAIR data Principles:

- [EOSC declaration](#) (European Open Science Cloud declaration)
- [FORCE11](#)
- [Fair data principles](#)

## 12 Confidentiality

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

The proposals will be handled confidentially by the JCS, by the national/regional Funding Organisations and the experts responsible for the evaluation of the proposals. In selecting the international experts for the SEC, the JCS shall also endeavour to avoid any possible conflicts of interest.

Each expert will have to sign a declaration of confidentiality and absence of conflict of interest. The online evaluation tool will include a feature which will prevent access to the proposal in case a conflict of interest is declared by the expert.

## 13 General Data Protection Regulation

The following Data Privacy Notice applies:

By submitting an application, the applicants consent to the use, processing and retention of their personal data<sup>3</sup>, in accordance with article 6.1 (e) and (c) of the General Data Protection Regulation (GDPR) (2016/679) and for the purposes of:

- processing and evaluating the application where processing shall be lawful only if and to the extent that processing is necessary for the performance of a task carried out in the public interest or in the exercise of official authority vested in the controller;
- administering any subsequent funding award;
- managing the Funding Organisations relationship with them;
- analysing and evaluating the call;
- providing aggregate data to national and European surveys and analyses on the funded projects;

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<sup>3</sup> Last name, first name of the researchers, date of birth, professional contact information, degree(s), position (current and previous), fields of activity, place of work, organisation, address(es), curriculum vitae, ORCID number, name and reference of projects, pre-proposals, project proposals (scientific document, administrative and financial appendix).





- and complying with audits that may be initiated by the Funding Organisations and the European Commission (or its agencies).

The members of the FOOD\_HYPERSENS CSC may share applicant's data with third parties (some of which may be based outside the European Economic Area) in relation to the above activities including evaluators, auditors and the European Commission (or its agencies).

The members of the FOOD\_HYPERSENS CSC may link the data that applicants provide in the application with national, bibliographic or external research funding data which is available through public subscription based databases (e.g. Scopus, Web of Science, etc.) or other national / open datasets.

## 14 Time schedule

When	What
February, 2 <sup>nd</sup> 2021	Publication of the call
<b>April, 8th 2021</b>	<b>Proposal Submission deadline</b>
June, 14 <sup>th</sup> 2021	Reviews sent to the applicants for rebuttal
<b>June, 24<sup>th</sup> 2021</b>	<b>Rebuttal Deadline</b>
September 2021	SEC & CSC meeting
October 2021	Announcement of the results
End of 2021	Start of national administrative procedures between partners and funding organisations
December 2021 until the 1st of April 2022	Project Starting

## ANNEX: Regulations and contact information for the national/regional funding organisations participating in the FOOD\_HYPERSENS Call.

<b>Country</b>	Belgium (Flanders)
<b>Funding organisation</b>	Research Foundation – Flanders (FWO)
<b>National contact person</b>	Toon Monbaliu +32 2 550 15 70 <a href="mailto:eranet@fwo.be">eranet@fwo.be</a>
<b>Funding commitment</b>	Up to 0,20 M€
<b>Anticipated number of fundable proposals</b>	The 0,20 M€ commitment should allow for 6-7 projects to receive a top-up of max. 30.000 EUR.
<b>Maximum/ Minimum funding per grant awarded to a project partner</b>	The FWO only participates with a so-called ‘top-up model’. This implies that applicants can only apply for <b>30.000 EUR maximum per project</b> , for the entire project duration.
<b>Eligibility of partners</b>	<p>In order to be eligible for FWO funding the researchers applying for the top-up should have a ‘running’ (granted) FWO project, that is fit to be integrated in, or can be linked to a research consortium. In other words, a project that is ongoing at the moment the call opens, regardless of the remaining project term, and even if the runtime of the FWO project is expired at the moment the consortium in which the project is integrated starts.</p> <p>This precondition should automatically imply that a researcher applying for FWO funding will respect the eligibility criteria for participation, according to the FWO research project funding channel, <a href="#">as stated in articles 9-12 of the respective regulation</a>, and which is a mandatory requirement.</p>
<b>Eligibility of costs, types and their caps</b>	The 30.000 EUR top-up amount can be spent on all cost categories, provided for by the regulations for research projects of the FWO.
<b>Submission of the proposal at the national level</b>	No
<b>Submission of other information at the national level</b>	No
<b>Submission of financial and scientific</b>	Financial reporting has to follow the regular FWO guidelines.

reports at the national level	
Further guidance	<ul style="list-style-type: none"> <li>• Researchers have to inform the central research coordination units, at their host institutions, about their participation.</li> <li>• One and the same researcher can only participate in 2 different research projects/consortia when applying for FWO funding, within the same call. Double funding is not allowed.</li> <li>• Projects may last up to 36 months, which implies the funding has to be budgeted and spent accordingly.</li> <li>• ERA-NET participation does not interfere with the 'regular' project submission framework, and is consequently not taken into account for calculating the max. available number of new applications and running projects combined.</li> </ul>

<b>Country</b>	France
<b>Funding organisation</b>	French National Research Agency (ANR)
<b>National contact person</b>	<p>Dr. Sophie Gay</p> <p>Phone number : +33 1 78 09 80 39</p> <p>Dr. Martine Batoux</p> <p>Phone number : +33 1 73 54 81 40</p> <p>E-mail: <a href="mailto:JPI-HDHLCalls@agencerecherche.fr">JPI-HDHLCalls@agencerecherche.fr</a></p> <p>Agence Nationale de la Recherche (ANR)</p> <p>50 avenue Daumesnil, 75012 Paris</p> <p>France</p>
<b>Funding commitment</b>	1,5 M€
<b>Anticipated number of fundable proposals</b>	5-6
<b>Maximum/ Minimum funding per grant awarded to a project partner</b>	<p>Minimum amount per partner: 15 k€.</p> <p>Maximum funding per partner: 260 k€</p> <p>Maximum funding if a French project partner is taking the responsibility to coordinate the project: 310K€</p>
<b>Eligibility of partners</b>	<p>ANR may finance fundamental research, industrial research and experimental developments. Funded Partners must have their primary establishment in France and/or in the EU with a secondary establishment in France.</p> <p>Within this framework, research institutions such as EPST, EPIC, Universities, Hospitals as well as most Foundations, Associations and Enterprises can apply. This list is not comprehensive and funding rates vary. Please fill the <a href="#">form related to economical activities</a> to identify your funding rate and consult the “règlement financier” <a href="http://www.agence-nationale-recherche.fr/RF">http://www.agence-nationale-recherche.fr/RF</a> for more details.</p> <p>Please note that companies with <a href="#">economic difficulties</a> are excluded from ANR subventions.</p>
<b>Eligibility of costs, types and their caps</b>	<p>Standard ANR funding rules apply for eligible costs. These rules are specified in ANR’s <a href="#">“Règlement financier”</a> mentioned above and in an explanatory note available at: <a href="https://anr.fr/fileadmin/documents/2017/ANR-RF-Fiche-COUTS.pdf">https://anr.fr/fileadmin/documents/2017/ANR-RF-Fiche-COUTS.pdf</a></p> <p>Eligible costs (e.g.: personnel costs, costs of instruments and equipment, additional overheads and other operating expenses incurred directly as a result of the research project such as, for instance: travel costs) and funding rates vary based on the type of research and research partner. Please note that</p>

	expenses related to permanent staff stipends are not eligible for the Beneficiaries “à coût marginal”.
<b>Submission of the proposal at the national level</b>	No additional documents should be submitted to ANR during the submission phase
<b>Submission of other information at the national level</b>	When a project is selected for funding, administrative and financial data of the partners funded by ANR must be entered by the applicant on the ANR platform.
<b>Submission of financial and scientific reports at the national level</b>	<p>Scientific reports, Consortium Agreement, Data management plans asked to the project coordinator by JPI HDHL must be communicated to ANR by the Funded French partners.</p> <p>Financial reports must be communicated to ANR according to the provisions of the <a href="#">règlement financier de l'ANR</a>.</p> <p>If applicable, Declarations of Due Diligence for the financed projects (Nagoya Protocol) must also be transmitted to ANR in due time.</p>
<b>Further guidance</b>	<p>ANR will avoid double funding and will not finance projects or part of projects that have been funded through other calls.</p> <p>See French Annex for additional French rules at <a href="http://anr.fr/ERAHDHL2021">http://anr.fr/ERAHDHL2021</a></p>

<b>Country</b>	Germany
<b>Funding organisation</b>	Federal Ministry for Education and Research (BMBF) represented by the Programme Management Agency in the German Aerospace Centre (DLR-PT)
<b>National contact person</b>	<p>Name : Dr. Felicitas Bosen Dr. Ann Siehoff</p> <p>Phone: +49 228 3821 1878 +49 228 3821 1601</p> <p>E-mail: nutrition-HDHL@dlr.de</p> <p>Address: DLR PT, on behalf of the BMBF Heinrich-Konen-Str. 1 53227 Bonn Germany</p>
<b>Funding commitment</b>	Up to 1.5 M€
<b>Anticipated number of fundable proposals</b>	4-5
<b>Maximum/Minimum funding per grant awarded to a project partner</b>	<p>Up to 350.000€ per partner*</p> <p>*If there is only one German partner in a proposal up to 350.000€ can be requested; Two German partners in one proposal can apply for up to 600.000€ collectively</p>
<b>Eligibility of partners</b>	<p>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).</p> <p>German stakeholders (e.g. non-governmental organisations, non-profit organisations,) with proven competence in health promotion and prevention are generally also eligible for funding. For specific conditions see also link to German version of the call below.</p>
<b>Eligibility of costs, types and their caps</b>	<p>The following costs are eligible for funding (details see German version of the call):</p> <ul style="list-style-type: none"> <li>- Research costs (e.g. personnel, consumables)</li> <li>- Travel &amp; networking costs</li> <li>- Communication &amp; dissemination costs</li> <li>- Overhead costs ("Projektpauschale")</li> </ul> <p>Overheads are eligible according to standard BMBF regulations.</p> <p>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% of their cost.</p>

<b>Submission of the proposal at the national level</b>	On request in case of a positive funding recommendation
<b>Submission of financial and scientific reports at the national level</b>	On request in case of a positive funding recommendation
<b>Further guidance</b>	See also German version of the call: <a href="https://www.gesundheitsforschung-bmbf.de/de/12549.php">https://www.gesundheitsforschung-bmbf.de/de/12549.php</a>

<b>Country</b>	ISRAEL
<b>Funding organisation</b>	Ministry of Science and Technology (MOST)
<b>National contact person</b>	Dr. Sharon Yagur-Kroll, Director of Biomedical Research Email: <a href="mailto:SharonYK@most.gov.il">SharonYK@most.gov.il</a> ; Tel: +972-2-5411862
<b>Funding commitment</b>	Up to €200,000, subjected to the approval of the State budget for 2021 and to availability of funds in the relevant line of the State Budget
<b>Anticipated number of fundable proposals</b>	2
<b>Maximum/ Minimum funding per grant awarded to a project partner</b>	Up to €100,000 per project (regardless the number of Israeli partners)
<b>Eligibility of partners</b>	<p>1. The Principal Investigator (PI) must be affiliated with an academic institution, meaning –</p> <ul style="list-style-type: none"> <li>i. An accredited institution of higher learning in Israel, according to the Council for Higher Education Law, 1958.</li> <li>ii. A Research Institute recognized as such by the Israel Science Foundation (ISF).</li> <li>iii. A Research Institute which is a nonprofit organization.</li> <li>iv. A Research Institute which is a government company or a government unit.</li> </ul> <p>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.</p> <p>Industrial partners are encouraged to participate in research teams headed by Principal Investigators from an academic institution.</p> <p>2. Israeli applicants will use the forms appended to this call and attach the required supplementary documentation as detailed in the Application Form.</p> <p>3. Israeli Principal Investigators (and affiliated academic institution) are responsible to Israeli MOST for the execution of the project.</p> <p>4. 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.</p> <p>5. Proposals for which funding is approved, which involve human beings, must submit the approval of the relevant Helsinki Committee before the project can commence.</p>



	**Partners must verified with their institute research authorities hers/his eligibility to submit to this call
<b>Eligibility of costs, types and their caps</b>	<p>(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;</p> <p>(2) Consumables;</p> <p>(3) Small Equipment;</p> <p>(4) Travel and visiting costs;</p> <p>(5) Joint seminars and workshops;</p> <p>(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.</p>
<b>Submission of the proposal at the national level</b>	On request in case of a positive funding recommendation
<b>Submission of other information at the national level</b>	On request in case of a positive funding recommendation
<b>Submission of financial and scientific reports at the national level</b>	In accordance with MOST Standard Contract for Scientific Projects
<b>Further guidance</b>	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.

<b>Country</b>	Latvia
<b>Funding organisation</b>	Ministry of Education and Science of the Republic of Latvia (IZM)
<b>National contact person</b>	Kaspars Karolis, Senior Expert on International Initiatives (kaspars.karolis@izm.gov.lv , +371 67047996)
<b>Funding commitment</b>	150.000€
<b>Anticipated number of fundable proposals</b>	1-2
<b>Maximum/ Minimum funding per grant awarded to a project partner</b>	<p>Maximum funding: 105.000€ for partners, 150.000€ for coordinators</p> <p>Total budget requested by Latvian partners within the one proposal: 150.000€</p> <p>The maximum amount that Latvian partners can request is 70.000€ per year or coordinators – 100.000€ per year. In case of two Latvian partners in a consortium, the maximum total funding available for a project is 100.000€ per year. Latvian institutions can propose projects of duration not more than 1.5 years.</p> <p>Attention! Latvian partners have to end all activities until the 01.11.2023, and submit a report in 1 month thereafter! Please note that after the funding end-date, Latvian Partners commits to participate in the scientific discussions related to the project (via e-mails exchanges, on-line meeting), in writing of the scientific publications and of the scientific reports until the end of the project through an in-kind contribution.</p>
<b>Eligibility of partners</b>	<p>R&amp;D institutions (research institutes, universities, higher education establishments, research centres etc.) that are listed in the Registry of Research Institutions operated by the IZM. Entity must apply to Research Organization definitions according to regulation 651/2014.</p> <p>Any other type of participants can participate on their own costs and are not covered by the IZM.</p>
<b>Eligibility of costs, types and their caps</b>	<p>Eligible costs are:</p> <ul style="list-style-type: none"> <li>• 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.</li> <li>• Travels and allowances according to travel plan.</li> <li>• 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. Only non-commercial activities can be comprised in projects with Latvian participation.</li> <li>• Subcontracting: Expenses incurred by a third party to carry out tasks or provide services that require special scientific or technical competences outside the institution's normal area of activity. The amount may not exceed 20% of the total direct costs allocated to the Latvian partner.</li> </ul>

<b>Submission of the proposal at the national level</b>	No additional documents should be submitted to IZM during the submission phase
<b>Submission of other information at the national level</b>	No additional documents should be submitted to IZM during the submission phase
<b>Submission of financial and scientific reports at the national level</b>	No additional documents should be submitted to IZM during the submission phase
<b>Further guidance</b>	In case a project is selected for funding, Latvian partners will have to contact IZM contact person for further guidelines

<b>Country</b>	Norway
<b>Funding organisation</b>	The Research Council of Norway (RCN)
<b>National contact person</b>	Mona Gravningen Rygh, <a href="mailto:mgr@rcn.no">mgr@rcn.no</a>
<b>Funding commitment</b>	1 Million Euros with Euro exchange rate at the time of application
<b>Anticipated number of fundable proposals</b>	2–5
<b>Maximum/Minimum funding per grant awarded to a project partner</b>	Maximum funding for coordinators: 250 000 Euros Maximum funding per partner: 200 000 Euros Minimum funding per partner: 100 000 Euros
<b>Eligibility of partners</b>	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 or collaborators.
<b>Eligibility of costs, types and their caps</b>	Personnel costs, running costs and dissemination costs. Note: Equipment is <u>not</u> eligible and PhD candidates may not be included in the budget.
<b>Submission of the proposal at the national level</b>	Yes. Norwegian research institutions that will be participants in a final project will have to submit an application to the Research Council of Norway.
<b>Submission of other information at the national level</b>	Will be included in the national application.
<b>Submission of financial and scientific reports at the national level</b>	Annually
<b>Further guidance</b>	The national programmes BEDREHELSE and BIONÆR are funding the Norwegian participation. Norwegian applicants should be eligible to apply to one or both of these national programmes.



It is an advantage if the applicants from Norway have participated in international research project collaboration.

<b>Country</b>	Poland
<b>Funding organisation</b>	National Centre for Research and Development (NCBR); <a href="http://www.ncbr.gov.pl">www.ncbr.gov.pl</a>
<b>National contact person</b>	Dagmara Robakowska-Hyżorek, +48 509 214 741, dagmara.robakowska-hyzorek@ncbr.gov.pl
<b>Funding commitment</b>	0,4 M€
<b>Anticipated number of fundable proposals</b>	Ca. 2-4
<b>Maximum/ Minimum funding per grant awarded to a project partner</b>	Maximum funding for Polish partners in one proposal should not exceed: 200 k€
<b>Eligibility of partners</b>	Following entities are eligible to apply: Research organizations; Micro, Small, Medium and Large Enterprise. 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 provide a sufficient guarantee of reliable disbursement of public funds. Max. project duration is 36 months. The project consortium with Polish participation must contain at least one Polish enterprise to be eligible for funding.
<b>Eligibility of costs, types and their caps</b>	<p>The eligible costs shall be the following:</p> <ol style="list-style-type: none"> <li>1. Personnel costs (W) - researchers, technicians and other supporting staff to the extent employed on the research project;</li> <li>2. Costs of subcontracting (E) - i.e. costs based on agreements with third parties to perform a portion of the project without a direct supervision of the project participant and without a relationship of subordination the subcontracting can be obtained from consortium partner only in justified case, this need will be verified by a national experts panel; Costs of subcontracting cannot exceed 70% of all eligible costs of the project.</li> <li>3. Other costs (Op): <ul style="list-style-type: none"> <li>• Costs of instruments, equipment and intangible assets (such as patents, certificates etc.) to the extent and for the period used for the research project; if they 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;</li> <li>• Purchase of land and real estate to the extent and for the period used for the re-search 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;</li> </ul> </li> </ol>

	<ul style="list-style-type: none"><li>• Other costs including costs of support services, materials, supplies and similar products incurred directly as a result of the research activity, travel costs (costs of delegations, costs of participation in conferences), costs of maintaining a separate bank account, costs of promoting the project.</li></ul> <p>4. Overheads (O) - incurred indirectly as a result of the research project; Overheads must be calculated according to the formula: <math>O = (W + Op) \times 25\%</math>*</p> <p>*percentage 25% estimated by the Applicant himself (the same percentage for every task in the project)</p>																				
Submission of the proposal at the national level	Only projects recommended for funding will be asked to submit a national application form																				
Submission of other information at the national level	n.a.																				
Submission of financial and scientific reports at the national level	According to national regulations Polish partners have to submit: <ul style="list-style-type: none"><li>• annual scientific reports</li><li>• payment requests</li><li>• final scientific and financial report</li></ul>																				
Further guidance	National funding rates:																				
	Funding quota of Polish participants can be up to 100% for research organizations. In the case of enterprises, funding quota 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, under the Regulation of the Minister of Science and Higher Education of 19 August 2020 on granting state aid by the National Centre for Research and Development, published in Journal of Laws item 1456, 2020.																				
	<table><tr><th></th><th>Large Enterprises</th><th>Medium Enterprises</th><th>Micro/Small Enterprises</th><th>Universities and research organizations</th></tr><tr><td>Fundamental/Basic Research</td><td>n/a</td><td>n/a</td><td>n/a</td><td>n/a</td></tr><tr><td>Industrial/Applied Research</td><td>Up to 50+15 (max 65 %)</td><td>Up to 50+10+15 (max 75 %)</td><td>Up to 50+20+15 (max 80 %)</td><td>Up to 100 %</td></tr><tr><td>Experimental development</td><td>Up to 25+15 (max 40 %)</td><td>Up to 25+10+15 (max 50 %)</td><td>Up to 25+20+15 (max 60 %)</td><td>Up to 100 %</td></tr></table>		Large Enterprises	Medium Enterprises	Micro/Small Enterprises	Universities and research organizations	Fundamental/Basic Research	n/a	n/a	n/a	n/a	Industrial/Applied Research	Up to 50+15 (max 65 %)	Up to 50+10+15 (max 75 %)	Up to 50+20+15 (max 80 %)	Up to 100 %	Experimental development	Up to 25+15 (max 40 %)	Up to 25+10+15 (max 50 %)	Up to 25+20+15 (max 60 %)	Up to 100 %
		Large Enterprises	Medium Enterprises	Micro/Small Enterprises	Universities and research organizations																
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Experimental development	Up to 25+15 (max 40 %)	Up to 25+10+15 (max 50 %)	Up to 25+20+15 (max 60 %)	Up to 100 %																	

In any case only Industrial/Applied Research and Experimental Development will be funded. Other type of activities (e.g. coordination, dissemination, management) cannot be included into separated task. 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. Polish Participants will be informed and invited to submit Polish proposal once the international evaluation and the ranking list will be established.