



ERA-HDHL

Call for Joint Transnational Research Proposals: “Biomarkers for Nutrition and Health”

Revised version 8th of March 2016

**Submission deadline Pre-proposal:
19th of April 2016 at 16:00 CEST**

Link to: “Guidelines for Applicants”
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):

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1. JPI HDHL and ERA-HDHL

The Joint Programming Initiative “A Healthy Diet for a Healthy Life” (<http://www.healthydietforhealthylife.eu/>, JPI HDHL) has been established to coordinate research in the areas of food, diet, physical activity and health in order to achieve tangible societal and health impact and to strengthen European leadership and competitiveness in this field. JPI HDHL entails a voluntary partnership between Member States and Associated Countries of the European Union providing a roadmap for harmonised and structured research activities with defined priorities to achieve these goals.

The vision of the JPI HDHL is that by 2030 all citizens will not only have the adequate knowledge and motivation, but also the opportunity and accessibility to consume a healthy diet from a variety of foods, practice healthy levels of physical activity, and that the incidence of lifestyle-related diseases will have decreased significantly.

In that context, JPI HDHL adopted a Strategic Research Agenda (SRA) in 2012, which second edition was published in June 2015. Further research, essential for preventing nutritional inadequacies, sedentary behaviour and life-style related Non Communicable Diseases (NCDs) is categorised in the SRA under three pillars: (1) determinants of diet and physical activity, (2) diet and food production, and (3) diet-related chronic diseases.

Following the SRA the JPI HDHL has funded several research consortia including two research consortia (FOODBALL and MIRDIET) in the area of Biomarkers in Nutrition and Health (BioNH). Using the ERA-NET Cofund instrument (named ERA-HDHL) the JPI HDHL aims to provide a robust platform for implementing Joint Funding Actions (JFA) that addresses the research challenges that are identified and described in the SRA and to create a transnational network of researchers.

This cofunded call is the first implemented JFA in the frame of ERA-HDHL. It is a joint transnational call, cofunded with the European Commission (EC), for the “Development and validation of biomarkers for nutrition and health, including nutritional intake, nutritional status, physical activity-related health, diet-related health and risk of developing diet-related diseases”.

The JPI HDHL aims to create an International Research Network on BioNH through the projects that will be funded in this ERA-HDHL cofunded call and the already funded projects of the [Joint Action BioNH](#) in 2014. This network of researchers, carrying out studies at a pan-European level, will establish a critical mass of expertise necessary in this research area, allowing excellent science, sharing of standardised and innovative measures and research infrastructures, as well as training of young scientists in the field of BioNH.

2. Aim of the call

A more complete understanding of the relationships between nutrition and health is central to deliver the vision of the JPI HDHL. However, the challenge of establishing these relationships is increased by the difficulties of accurately and objectively establishing dietary intake, nutritional status and the long-term trajectory from health to disease. As “characteristics that are objectively measured and evaluated as indicators of an exposure, biological process, or state of a biological system”, biomarkers can play a crucial role in addressing these difficulties - and therefore in developing our understanding how health is related to nutrition.

Numerous national and international authorities have presented general concepts for identification of biomarkers of disease. However, clear recommendations on biomarkers of nutrition and health are lacking. Reliable biomarkers or biomarker patterns will be crucial in monitoring key biological processes underlying the relationship between human nutrition and health, and will provide important tools for assessing status and efficacy of interventions. Biomarkers are, in turn, required in the process of substantiating Article 14 health claims through evaluation by the European Food Safety Authority.

This call focuses on the identification and validation of biomarkers that are modulated by diet and that indicate a change in health status and/or the risk of developing diet-related diseases. Biomarkers of physical activity may be considered alongside diet.

The proposals have to fulfil the following conditions:

- Proposals should focus on biomarkers that are modifiable by diet (or a combination of diet and physical activity) and reflect a healthy state, or focus on its transition towards diet- and lifestyle-related disease. Studies focusing on disease biomarkers are outside the scope of the call.
- Proposals can aim to identify new biomarkers, or build upon previous identification studies through necessary validation.
- Proposals which focus on identification of new biomarkers should demonstrate the relevance of the biomarker to human health and should carefully consider approaches for validation.
- Proposals should 1) make use of existing biobanks and/or cohorts or 2) explain why no existing biobank or cohort is used.
- Proposals should explain how the data gathered through their project would be available to the wider research community. In addition, the JPI HDHL expect proposals to apply data management following the FAIR principles¹.
- Proposals should avoid overlap with the aims and objectives of [FOODBALL](#) and [Mirdiet](#). These projects are already funded under the umbrella of JPI HDHL. For more information regarding these projects, please click on the hyperlinks.

Proposals are encouraged:

- to focus on whole diets instead of single dietary components
- to consider the possible impact of age, gender, and socio-economic status where appropriate
- to collaborate with the private sector including industrial partners
- to include training of young scientists

The JPI HDHL aims to create an International Research Network on Biomarkers in Nutrition on Health (BioNH), it is therefore expected that funded project will be actively involved in relevant activities under the umbrella of the JPI HDHL (including workshops, conference, presentation at the Management Board of the JPI HDHL etc.).

3. Participating countries and respective funding organisations

The participating countries, respective funding organisations and their contributions are listed in the Table 1.

Countries	Funding organisations		Contribution in Million €
Austria	Federal Ministry of Science, Research and Economy	BMFWF	0.5
Belgium	Public service of Wallonia, Directorate-General Operational for Economy, Employment and Research	SPW-DGO6	1.0
Canada	Canadian Institutes of Health Research	CIHR	1.35 CAD
Denmark	Innovation Fund Denmark	IFD	1.0
France	French National Research Agency	ANR	1.5
Germany	Federal Ministry of Food and Agriculture represented by the Federal Office for Agriculture and Food	BMEL/BLE	0.5
Germany	Federal Ministry for Education and Research represented by the Project Management Agency in the German Aerospace Centre	BMBF/DLR-PT	1.5
Ireland	Science Foundation Ireland	SFI	0.5
Italy	Ministry of Education, University and Research	MIUR	0.5
Italy	Ministry of agricultural, food and forestry policies	MiPAAF	0.15
The Netherlands	The Netherlands Organisation for Health Research and Development	ZonMw	1.0
Poland	The National Centre for Research and Development	NCBR	0.5
Romania	National Authority for Scientific Research and Innovation	ANCSI	0.3
Spain	National Institute of Health Carlos III	ISCIII	0.5
Spain	Ministry of Economy and Competitiveness	MINECO	0.7
Turkey	The Scientific and Technological Research Council	TUBITAK	0.7
United Kingdom	Biotechnology and Biological Sciences Research Council	BBSRC	0.69

¹ FAIR is the abbreviation of: findable, accessible, interoperable and reusable

4. Management of the call

Two boards, the **Call Steering Committee (CSC)** and the **Scientific Evaluation Committee (SEC)**, will manage the evaluation process of the call with support of the **Joint Call Secretariat (JCS)** (set up at BLE, Germany). 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 organisation participating in this cofunded 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 on the basis of the final ranking list provided by the SEC. All decisions concerning the call procedures will be taken by the CSC. The CSC will ensure that the procedures are implemented in accordance to the ERA-NET Cofund rules.

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 the second step of evaluation (full proposal stage), in addition to the SEC members, external experts without conflict of interest and chosen for their knowledge in specific fields covered by the proposals will contribute to the selection of the best proposals.

An independent expert will be appointed by the CSC as observer to assess the conformity of the implementation of ERA-HDHL Cofunded call on Biomarkers for Nutrition and Health and, in particular, review the proper implementation of the independent international peer review conducted by the SEC and the establishment of the ranking list of projects.

The European Commission will not be involved during the evaluation process, but will review the outcomes of the evaluation process (the ranking list(s) of the projects, the observers' report on the evaluation, the joint selection list of the projects to be funded drawn by the CSC, the commitment on availability of funds by each CSC member for the selected projects), so as to activate the co-fund mechanism.

5. Application

5.1 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. Participation of private parties is encouraged as well as commercial companies, in particular small and medium-size enterprises. However, the eligibility of these organisations and institutions are subject to the national/regional regulations of the individual funding organisations and may therefore vary. Details of the national/regional eligibility criteria from individual funding organisations are provided in ANNEX 1 of the Guidelines for Applicants.

Only transnational projects will be funded: each consortium must involve a **minimum of three** partners eligible for the participating funding organisation (see table 1) and a **maximum of six** partners eligible for the participating funding organisation (see table 1) from **at least three different countries**. Applicants are encouraged to include partners that are eligible for: the Belgium funding organisation SPW-DGO6, the Polish funding organisation NCBR, the Romanian funding organisation ANCSI and/or the Turkish funding organisation TUBITAK. If they include one or two of these previously mentioned partners, the maximum of partners can be increased to **seven** or **eight**. 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 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 state clearly in the proposal that funds are secured in advance of the project start. **Please note** that the majority of research groups in a consortium and the coordinator must be eligible for funding for 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 six (exception: inclusion of eligible partners from Belgium, Poland and/or Romania, see above).

Each consortium should have the critical mass of different scientific disciplines to achieve ambitious scientific goals and the proposals should clearly demonstrate added value from working together. Each consortium must nominate a coordinator. The consortium coordinator will be responsible for the scientific management of the project and will act as the interface between the JCS and the consortium. In addition the coordinator will represent the consortium externally. Each project partner will be represented by a single principal investigator. Within the consortium, the principal investigator of each project 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 participating in an application.

5.2 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 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 (www.healthydietforahealthylife) 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 **19th of April 2016 at 16.00 CEST**. 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 in the beginning of June 2016.

Full proposals must be submitted by the project coordinator before **the 15th of July 2016 at 16.00 CEST**. 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 (successful and unsuccessful) coordinator earlier October 2016.

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. Countries will be considered as underrepresented in this call 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 will communicate this to the applicants that will be invited to the full proposal stage.

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

- 1) The consortium 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 accordingly 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.

6. 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 performance with respect to the different evaluation criteria.

6.1 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 the eligibility will be forwarded to the peer review process.

6.2 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 three review reports on a written basis from the SEC.

The evaluation criteria 1a, 1b, 1c, 2a, 2b, 2c, 3a and 3b (see section 6.4) will be used for the evaluation of the pre-proposals.

The SEC members will meet for a plenary discussion to jointly evaluate the 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 accepted for the full proposal submission based on the SEC recommendations. The JCS will communicate to each project coordinator the final decision with respect to their application.

6.3 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 the external reviewers.

Each full proposal will be allocated to at least three independent experts for written review: two SEC members, possibly those who had reviewed the corresponding pre-proposal, and one external reviewer. These written evaluations include written comments and scoring of the full proposals based on the above described evaluation criteria. All evaluation criteria cited on the section 6.4 will be used for the evaluation.

During this second SEC meeting, each full proposal will be discussed by the SEC member 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.

6.4 Evaluation criteria

1) Excellence

- a. Scientific quality of the proposal:
 - Clarity of objectives
 - Credibility of the proposed approach and methodology
 - Expected progress beyond the state-of-the-art, innovation
 - Competence and experience of participating research partners in the field(s) of the proposal
- b. Relevance of the project regarding the topic and objectives of the call.
- c. Novelty of proposed research.

2) Impact

- a. Potential 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: gathering a critical mass of biological material, sharing of resources (models, databases, etc.), harmonization of data, sharing of specific know-how and/or innovative technologies, etc.

- c. Potential for fostering a longer term international network of researchers in the area of BioNH.
- d. Effectiveness of the proposed measures to exploit and disseminate the project results (including management of IPR), to communicate the project, and to manage research data where relevant
- e. Participation/engagement with industry (when appropriate/applicable)
- f. Possible impact of age, gender and socio-economic status (when appropriate/applicable)
- g. Education and training of young scientists (when appropriate/applicable).

3) Quality and efficiency of the implementation

- a. Coherence and effectiveness of the work plan (for full proposals: including appropriateness of the allocation of tasks, resources and time-frame)
- b. Complementarity of the participants in the consortium
- c. Appropriateness of the management structures and procedures, including risk and innovation management
- d. Sustainability of research infrastructures initiated by the project (e.g. FAIR² data management.)
- e. Budget and cost-effectiveness of the project (appropriate distribution of resources in relation to project activities, partners responsibilities and time frame)

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.

6.5 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.

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

6.6 Decision

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

The JCS will communicate to all project coordinators the final decisions together with the review from the SEC.

The joint selection list of projects to be funded will be submitted to the EC together with other relevant information.

7. Financial and legal issues

7.1 Funding model

The ERA HDHL co-funded call on BioNH funding partners have agreed to launch a joint call using the mixed funding mode. This means that national/regional funding will be made available through national/regional funding organisations according to national/regional funding regulations. In addition, the EC will also provide funding that will maximize the number of selected projects that can be funded in rank order. Funding from the EC will be distributed through the national/regional funding agencies.

7.2 Financial modalities

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

Projects can be funded for a period of up to three years. Each country/region funds only its national/regional component of the transnational research project. The eligibility of costs (e.g., personnel, material, consumables, equipment, and travel expenses) is subject to the national regulations of the 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).

7.3 Legal modalities

Consortium agreement. Successful consortia should negotiate and sign a consortium agreement before commencement 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 DESCAs 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.

Intellectual property rights, open access and data/knowledge sharing. 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 1 of the Guidelines for Applicants for national requirements). More information can be found in the [Quick guide for dissemination](#) of the JPI research projects results.

8. Responsibilities and reporting requirements

8.1 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, the coordinators of each consortium may be asked to present two progress updates, one intermediate and one final status symposium.

8.2 Communication

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

- Exchange project results within the research network established in the field of BioNH and with the other Joint actions of the JPI HDHL.
- Develop a joint strategy to coordinate and facilitate integration of the planned activities of the JPI HDHL.
- Communicate results across the JPI HDHL.

8.3 Utilisation of knowledge

In order to enhance visibility of the JPI HDHL, the consortium should adhere to the following JPI HDHL dissemination guidelines:

- Appropriate measures should be taken to engage with the public and the media about the project.

- The JPI HDHL should be referred to appropriately in reports, articles or any other documents as part of the JPI HDHL supported project as well the respective national/regional funding partner organisations. When referencing the JPI HDHL for the first time, please use “European Joint Programming Initiative “A Healthy Diet for a Healthy Life” (JPI HDHL)” and not JPI HDHL only. Please also include a link to the JPI HDHL website: <http://www.healthydietforhealthylife.eu/>;
- The JPI HDHL should be acknowledged appropriately in reports, articles or any other documents as part of the JPI HDHL supported project. The acknowledgement should address the support provided to the project by JPI HDHL and the appropriate national funding organisations.
- The JPI HDHL should be referred to and acknowledged appropriately in any promotional material including event programmes, invitations, press releases, reports, presentations and external websites.
- Whenever possible and useful, the JPI HDHL logo should be used.

Unless the EC requests or agrees otherwise or unless it is impossible, any dissemination of results (in any form, including electronic) must:

- (a) display the EU emblem and
- (b) 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° 696295”.

When displayed together with another logo, the EU emblem must have appropriate prominence.

9. Ethical issues

Research supported by the ERA-HDHL must respect fundamental ethical principles. Applicants must ensure that the proposed research respects all national rules and procedures. It is the responsibility of the applicant to identify if their proposed research requires ethical approval. Where ethical approval is required, applicants must inform their national contact point and may be requested to provide further detail. Ethical approval must be obtained from the relevant national or local ethics committee prior to the start of the project.

10. Confidentiality

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

11. Time schedule

When	What
16 th of February 2016	Publication of the call
19th of April 2016	Submission deadline pre-proposals
30 th and 31 th of May 2016	SEC & CSC meeting pre-proposals
3 rd of June 2016	Communication selection pre-proposals
15th of July 2016	Submission deadline full proposals
30 th of August 2016	Deadline peer reviewers
8th and 9th of September 2016	SEC & CSC meeting full proposals
End September	Final funding decision
October 2016	Start of national administrative procedures between partners and funding organisations
December 2016 until the 31st of March 2017 the latest	Start projects

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

Country	Funding organisation	Website	National/regional contact
Austria	Federal Ministry of Science, Research and Economy (BMWFV)	www.bmwf.vg.at	<p>Dr. Oliver Mayer</p> <p>Life Sciences Unit BMWFV Rosengasse 2-6; 1014 Vienna</p> <p>Phone: +43 1 53120 7145 E-mail: oliver.mayer@bmwf.vg.at</p>
Belgium	Public service of Wallonia, Directorate-General Operational for Economy, Employment and Research (SPW-DGO6)	http://recherche-technologie.wallonie.be/	<p>Julie Marlier European Research Programmes Officer</p> <p>Place de la Wallonie, 1 5100 Namur Belgique</p> <p>E-mail : julie.marlier (at) spw.wallonie.be Phone: +32 81 33 45 49</p>
Canada	Canadian Institutes of Health Research	www.cihr-irsc.gc.ca	<p>Mary-Jo Makarchuk, MHSc, MSc, RD Assistant Director</p> <p>Institute of Nutrition, Metabolism and Diabetes Canadian Institutes of Health Research</p> <p>Phone: 416-978-1324 Email: mary-jo.makarchuk@sickkids.ca</p>

Denmark	Innovation Fund Denmark	innovationsfonden.dk/en	<p>Thomas Mathiasen Scientific Officer Innovation Fund Denmark</p> <p>Phone: +45 6190 5063 E-mail: Thomas.Mathiasen@innofond.dk</p> <p>Ny Østergade 26 A DK-1100 Copenhagen</p>
France	French National Research Agency	www.anr.fr	<p>Dr. Juliane Halftermeyer</p> <p>Dr. Martine Batoux Coordinator of ERA-HDHL</p> <p>E-mail: JPI-HDHLCalls@agencerecherche.fr Phone: +33 1 78 09 80 22</p>
Germany	Federal Ministry of Food and Agriculture <i>represented by</i> Federal Office for Agriculture and Food	www.bmel.de www.ble.de	<p>Dr. Annika Fuchs</p> <p>Phone: +49 (0)228 6845-3746 E-mail: Annika.Fuchs@ble.de</p> <p>Dr. Johannes Bender</p> <p>Phone: +49 (0)228 6845-3610 E-mail: Johannes.Bender@ble.de</p> <p>Deichmanns Aue 29 53179 Bonn Germany</p>
Germany	Federal Ministry for Education and Research <i>Represented by the</i> Project Management Agency in the German Aerospace Centre	www.gesundheitsforschung- bmbf.de	<p>Dr Friederike Bathe</p> <p>T: +49 228 3821- 1225 F: +49 228 3821 -1257</p> <p>Dr Petra Lüers</p> <p>T: +49 228 3821 -1194 F: +49 228 3821 -1257</p> <p>E: nutrition-HDHL@dlr.de</p>

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Ireland	Science Foundation Ireland	www.sfi.ie	Dr. Kevin Walsh Phone: +353 1 607 3139 Email: kevin.walsh@sfi.ie
Italy	Ministry of Education, University and Research	www.ricercainternazionale.miur.it	Dr. Aldo Covello Phone: +39 06 9772 6465, +39 3389364371, aldo.covello@miur.it Dr. Marco Pagnani Phone: +39 06 9772 7587, marco.pagnani@miur.it Via M. Carcani 61 00153 Rome, Italy
Italy	Ministry of agricultural, food and forestry policies	https://www.politicheagricole.it	Dr. Annamaria Stella Marzetti Phone: + 39 06 46655174 a.marzetti@politicheagricole.it; DISR IV Secretariat - Dr. Elena Tibaldi Phone: +39 06 46655176 e.tibaldi@politicheagricole.it; Via XX Settembre 20, 00187 Rome, Italy
The Netherlands	The Netherlands Organisation for Health Research and Development (ZonMW)	www.zonmw.nl	Dr. Wilke van Ansem Programme Officer JPI HDHL Laan van Nieuw Oost Indië 334, 2593 CE Den Haag The Netherlands Phone: +31 70 349 5164 Email: JPIHDHL@zonmw.nl

Poland	The National Centre for Research and Development	http://www.ncbir.pl/	<p>Michał Podniesiński</p> <p>Phone: +48 22 39 07 276 E-mail: michal.podniesinski@ncbr.gov.pl</p> <p>Eliza Nankiewicz</p> <p>Phone: + 48 22 39 07 131 E-mail: eliza.nankiewicz@ncbr.gov.pl</p> <p>Department of Programmes Management of Applied Research</p>
Romania	National Authority for Scientific Research and Innovation	http://www.research.ro	<p>Ioana Ispas</p> <p>Phone: +4021 212 77 91 E-mail: ioana.ispas@ancs.ro</p>
Spain	National Institute of Health Carlos III (ISCIII)	http://www.isciii.es/	<p>Elsa Moreda</p> <p>Email: emoreda@isciii.es Phone: +34 91 822 28 74</p>
Spain	Ministry of Economy and Competitiveness	http://www.idi.mineco.gob.es/	<p>Carlos Martínez Riera Technical advisor</p> <p>Ana Barra Project Manager</p> <p>E-mail: hdhl@mineco.es Phone: + 34 91 6038398</p>
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