

*Health Research*  
— **Call 2021** —

# *Application form*

\*Organoids derived from patient with luminal A breast cancer



**"la Caixa" Foundation**

*Health Research*  
*Call for Proposals 2021*

# ***Application form\****

\*This Form has only an informative function. Applications must be submitted electronically through the "la Caixa" Foundation's Grants online system. Proposal submission will be available from October 20<sup>th</sup> to December 3<sup>rd</sup> 2020. Paper applications or via any other channel will not be accepted.

Fields marked with \* are mandatory.

Section 1 (General data and proposal information) needs to be fulfilled in order to proceed with the rest of the application. Modifications in this section can be made at any point before submission (by clicking modify proposal information button). However, please take into account that changes made in fields marked with # will require the re-acceptance of the proposal by the partners of the project (if applicable).

Drafts can be saved throughout the process of submission at any point (by clicking save draft button). Please, do so before submitting to assure that all changes have been saved before submission.

A validation of the information in the proposal is required before submission (by clicking validate button). We recommend to use frequently this option to confirm that the data introduced is correct.

Once the proposal is submitted, no changes will be accepted.

## 1. GENERAL DATA AND PROPOSAL INFORMATION

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### 1.1. Application details

Call name (pre-filled information) \*

Application number (pre-filled information) \*

Proposal Title (maximum of 150 characters with spaces) \*

Proposal Description (maximum of 200 characters with spaces) \*#

Proposal Acronym (maximum of 20 characters with spaces) \*

Project Leader (pre-filled information) \*

Host Organization (pre-filled information) \*

Faculty or Research Center (if applicable) (maximum of 100 characters with spaces, optional)

### 1.2. Classification of the Application

**Select the Thematic Area of your proposal: \*#**

- Cardiovascular and associated metabolic diseases
- Neuroscience
- Infectious disease
- Oncology
- Enabling Technologies

**Is the proposal about Amyotrophic Lateral Sclerosis (ALS)? \*# (Yes, No)**

**If the proposal is about Enabling Technologies, please select to which of the other 4 Thematic Area is related to: \*#**

- Cardiovascular and associated metabolic diseases
- Neuroscience
- Infectious disease
- Oncology

**Classify your proposal.** Choose up to two options. (This information will be used only to optimize the matching between evaluators and projects). \*#

Option	Explanation text
Basic	Basic research provides knowledge to understand nature and its laws. Although it is performed without thought of practical ends, this knowledge provides the essential means of answering a large number of important practical problems.
Clinical	Clinical research is the research conducted with human subjects (or on material of human origin such as tissues, specimens, and cognitive phenomena) for which the research team (or colleagues) directly interacts with human subjects. Excluded from this definition are in vitro studies that utilize human tissues that cannot be linked to a living individual. It includes clinical trials, epidemiological and behavioral studies, outcomes research and health services research.
Translational	Translational research fosters the bidirectional integration of basic research and clinical research, with the long-term aim of improving the health of the public. It expedites the movement between basic research and clinical research that leads to: <ul style="list-style-type: none"> <li>• Stimulate a robust scientific understanding of human health and disease.</li> <li>• New or improved scientific understanding or standards of care, better patient outcomes, the implementation of best practices, and improved health status in communities.</li> </ul>

**Select the type of your proposal: \*#**

- Individual proposal
- Research Consortium

**Does your proposal include Civil Society Organizations? \*#**

- Proposal without Civil Society Organization(s)
- Proposal with Civil Society Organization(s)

### **1.3. Information for “la Caixa” Foundation**

This information will be only used for monitoring/statistical purposes

**Are you or any member of your group applying to any other “la Caixa” Foundation call (research, innovation projects and fellowships)? \* (Yes/No)**

**Please indicate the application code (such as HR20-00001, CI18-00001...) for each of the proposals where you or a member of your group apply.**

**Do you or any member of your group have an ongoing project with “la Caixa” Foundation (research, innovation projects and fellowships)? \* (Yes/No)**

**Please indicate the project code (such as LCF/PR/HR17/52150017) for each of the proposals where you or a member of your group apply:**

**Select the discipline that best classifies your proposal: \*Based on the ERC Panel Structure [https://erc.europa.eu/sites/default/files/document/file/ERC\\_Panel\\_structure\\_2019.pdf](https://erc.europa.eu/sites/default/files/document/file/ERC_Panel_structure_2019.pdf)**

### **1.4. Keywords**

Select Main Keywords (1 to 3) and Other Important Keywords (3 to 5) from the enclosed tree\*. Please select the more specific keywords (at the lowest level) that better describe your proposal.

These keywords will be used to match your proposal with peer reviewers for evaluation. During this process, the code is especially relevant as it organizes the keyword hierarchically within the tree, so relating your keywords with higher and more general concepts that help to link them with the expertise of the evaluator.

For example, "Brain Neoplasms" can be classified as:

- a. Nervous System Diseases [C10]
  1. Central Nervous System Diseases [C10.228]
    - Brain Neoplasms [C10.228.140.211]
- b. Neoplasms [C04]
  2. Neoplasms by Site [C04.588]
    - Brain Neoplasms [C04.588.614.250.195]

By indicating option a) (Brain Neoplasms [C10.228.140.211]) your project is more prone to be evaluated by a Neurosciences expert while selecting option b) (Brain Neoplasms [C04.588.614.250.195]) it is more prone to be evaluated by an Oncology expert.

For that reason, we recommend you to:

- 1) Select only the keyword and corresponding code that best fits with the thematic area of your proposal.
- 2) Do not select the same keyword with different codes if it is not indispensable to correctly classify your proposal.

\*Based on the NIH MeSH tree <https://meshb-prev.nlm.gov/treeView>

**Main Keywords:\*** Please add a minimum of 1 and a maximum of 3 main keywords

**Other Important Keywords:\*** Please add a minimum of 3 and a maximum of 5 other important keywords.

## 1.5. Proposal information

**Scientific Abstract.** The abstract must provide a brief description of the proposal, the specific objectives and the value it brings to its scientific field and society. *(maximum of 2.000 characters with spaces) \**

**Lay summary.** Briefly summarize the research proposal for a non-expert audience. *(maximum of 1.000 characters with spaces) \**

*Text example for the lay summary.*

This text will be mainly used for communication so it has to be written for non-expert audience.

*Title: Intestinal Bacteria Decide for the Brain What to Eat.*

*The intestinal microbiota has a great impact on many functions of the human body. Some indications even suggest that an imbalance in the intestinal bacteria could affect brain functioning and contribute to psychiatric disorders such as autism or depression.*

*Recently scientists have observed that flies need to ingest proteins if their diet does not contain an essential amino acid. Behind this desire for proteins are two specific species of intestinal bacteria, which exert pressure to change food preferences.*

*This project looks more deeply into the molecular mechanisms underlying this impulse. The goal is to understand the interaction of intestinal bacteria with the intake of nutrients, since it is a determining factor in health and disease, including obesity.*



## 2. SCIENTIFIC EXCELLENCE AND IMPACT (75%)

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(Only for the online system) You can add references to the scientific information in this tab. If you do so, references must be added to the References section at the bottom of this tab, and quote them by using the list number.

### 2.1. Project quality (30%)

#### **State of the art.**

Explain the scientific excellence and originality of the proposal in the context of the 'state-of-the-art' of that Thematic Area. *(maximum of 4.000 characters with spaces) \**

#### **Preliminary data.**

Describe the preliminary data (if available) that supports the hypothesis and the scientific approach of the proposal. *(maximum of 4.000 characters with spaces) \**

#### **Project aims and objectives.**

Describe the project aims, the indicators that will be used to monitor the achievement of the objectives and how they are aligned with the grant criteria, demonstrating novelty and groundbreaking potential. *(maximum of 3.000 characters with spaces) \**

#### **Transformative approach and expected results.**

Describe the relevancy and transformative approach of the proposal, specifying the main expected results. *(maximum of 1.500 characters with spaces) \**

### 2.2. Scientific approach and work plan (20%)

#### **Methodology and scientific approach.**

Describe the feasibility of the innovative scientific approach and methodology to appropriately achieve the aims and expected outputs of the project. The proposals on Enabling Technologies are expected to describe the activities related both to the development of innovative technologies and to validate its potential uses on the other four health-related thematic areas. *(maximum of 10.000 characters with spaces) \**

#### **Work plan and timeline.**

Describe the activities and timeline required, taking into account the contributions of each Partner Organization, if applicable. Ensure that the proposed timescales are necessary and properly justified. Include a project Gantt chart in the "Gantt Diagram of the proposal" section. *(maximum of 2.000 characters with spaces) \**

#### **Gantt Diagram of the proposal.**

Indicate the proposal workplan in a Gantt Diagram. \*

#### **Study limitations and contingency plan**

Describe the study limitations and detail a brief contingency plan. *(maximum of 1.500 characters with spaces) \**

## **2.3. Impact (25%)**

### **Scientific and social relevance.**

Describe how the proposed project aims to make a positive, relevant and innovative difference to: (i) its contribution to scientific knowledge and advancement in its field; (ii) its contribution to generate new tools, models or analysis systems that could enable improvement, boosting or creation of scientific research fields; (iii) its contribution to improve the health and well-being of citizen. *(maximum of 4.000 characters with spaces) \**

### **Ethical, social, legal and environmental project implications.**

Describe the possible ethical, social, legal and environmental considerations related to the project: (i) justify the methodology described above focusing on the rationale behind the use of humans, human samples or embryos, and animals. Describe how the gender dimension, sex and/or gender analysis of the samples, models or cohorts has been taken into account in your study. Addressing the gender dimension contributes to the scientific quality and societal relevance of the produced knowledge, technology and innovation. Provide details of the ethics committee to which you have submitted the project. (ii) address the potential uses and implications of the expected results of the project described above considering potential military use, third countries implication, possible impact on the environment, etc. *(maximum of 2.000 characters with spaces) \**

### **Dissemination, social engagement and knowledge transfer**

Describe how the project will communicate and disseminate its activities and results and how it might engage with and/or incorporate different social stakeholders and non-academic audiences and patients. If applicable, include a description of how the project will manage the possible valorization and knowledge transfer generated by the project. *(maximum of 2.500 characters with spaces) \**

## **2.4. Figures and tables.**

Please attach one pdf file with a maximum of 3 pages with all graphics and additional figures to support the Project's description.

## **2.5. References.**

### **Add References to your profile**

- To view, add or import from PubMed, WoS and Scopus references to your profile, please click [here](#).
- Close the window when you have completed updating the References list.

### **Attribute References to your proposal**

Please list a **màximum of 30 references** that provide the basis for the current application.

- Click [here](#) to select the relevant references from the References list that you would like to quote in the current application and press 'Attribute button'. All attributed references will be listed after you press Save Draft.



### 3. PROJECT LEADER. TEAM AND RESEARCH CONSORTIUM (25%)

(Only for the online system) Publications must be added to the Publications section at the bottom of this tab, and quote them following the instructions for each PL/PI. Any proposal including publication(s) incompletely or incorrectly quoted may be considered as non-eligible.

#### 3.1. Members of the Project

Auto-completed table with the proposal information

Organization	Country	Full Name	Role

#### Justification of collaboration within the Research Consortium (if applicable).

Describe how the Research Consortium as a whole matches the Proposal’s objectives, bringing the necessary expertise and adequate complementary resources and skills. Provide a description on the governance, organizational and functional structure of the Research Consortium members and the coordination mechanisms. *(maximum of 4.000 characters with spaces)* \*

#### 3.2. Project Leader

**Full name:** (Pre-filled information)\*

**Research experience since completion of PhD:** \*

- <7 years
- 7-12 years
- 12-20 years
- > 20 years
- N/A

#### Project Leader and PL’s Team. Relevance in relation with the Proposal.

Expertise and motivation to execute the Proposal. *(maximum of 3.000 characters with spaces)*\*

#### Research Experience PL.

List your experience as researcher from your PhD in the table below (please, include your PhD thesis project as first experience line).\*

From	To	Position	Organization
		<i>(maximum of 150 characters with spaces)</i> *	<i>(maximum of 150 characters with spaces)</i> *

### **My publications related to the Proposal.**

Describe a minimum of one and a maximum of five of your most significant peer-reviewed publications that support your experience in the topic of the Proposal in the table below.\*

Number at the Publication section	Statement describing significance
1	<i>(maximum of 300 characters with spaces)</i>

### **Major significant research outputs and other merits.**

List and describe your most significant research outputs, including grants, fellowships and awards, industrial and intellectual property experience, invited talks during the last five years, contribution to health or clinical practice and current memberships in funding agency, advisory and/or journal editorial boards. You may provide a statement describing their significance. List these indications below. *(maximum of 1.500 characters with spaces)* \*

### **3.3. Principal Investigator(s) of the Research Performing Organization(s), if applicable.**

**Please select the number of Research Performing Organizations in your proposal:** This number must match the invitations accepted by PIs in order to submit your proposal. Use the Invitations module (left menu) to send invitations. *(from 1 to 4)\**

#### **Please select the PI that this section describes\***

*The same information as the Project Leader (3.2) will be required for each of the Principal Investigators of the proposal, once they have been invited by the PL to participate through the invitation module of the online system.*

*This information will be provided by the PL.*

### **3.4. Civil Society Organization(s), if applicable.**

**Please select the number of Civil Society Organizations in your proposal:** This number must match the invitations accepted by CSOs in order to submit your proposal. Use the Invitations module (left menu) to send invitations. *(from 1 to 3)\**

#### **Please select the CSO that this section describes\***

**Civil Society Organizations:** Describe the role of the Civil Society Organization and its relevance in the proposal. *(maximum of 1.000 characters with spaces)* \*

### **3.5. Publications.**

#### **Add the Publications of the team to your profile (a minimum of 1 for PL/PI)**

- To view, add or import from PubMed publications to your profile, please click [here](#).
- Close the window when you have completed updating the Publications list.

#### **Attribute Publications to your proposal (a minimum of 1 and a maximum of 5 for PL/PI)**

- List only the publications that you are including in the "My publications related to the Proposal" table of each PI (PL included) above (a minimum of 1 and a maximum of 5 for

PL/PI). Click here to select them from the Publications list and press Attribute button. All attributed publications will be listed after you press Save Draft.

## 4. BUDGET

Please click Save Draft to update the overview calculation.

Payments will be distributed as 40% after signing the grant agreement, up to 40% of the total amount of the grant after the approval of the midterm follow-up and the maximum amount equal to the remaining grant amount after the approval of the final report.

CONCEPT	TOTAL €	COMMENTS
Personnel		
Travel		
Equipment		
Consumables		
Publications		
Dissemination and social engagement activities		
Other Direct Costs		
Indirect Costs: maximum 10% of Direct Costs		
Subcontracting Audits		
Other Subcontracting		
<b>Total Requested</b>		<b>N/A</b>

*A larger budget table with the distribution by Research Performing Organizations and Civil Society Organizations (if applicable) shall be completed in the online system (amounts and comments) by clicking the open button.*

*The total amount per concept and comments on this table will be pre-filled taking into account the larger table.*



## 5. DECLARATIONS

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As Project Leader of the proposal, I declare that:

- The Host Organization is a Non-profit for research organization.\* (Yes/No)
- The PL must be linked, either by statute, work contract or other type of collaboration, within the framework of this Project, to the Host Organization when applying for the grant. The PL may also be legally linked to private foundations or non-profit organizations through which the research activities of the Host Organization are carried out or managed, in accordance with the current legislation.\* (Yes/No)
- I declare that the results of the project are not subject to rights, of any nature, held by for-profit organizations.\* (Yes/No)
- I obtained my doctoral degree before 3rd December 2013.\* (Yes/No)
- This proposal complies with ethical principles (including the highest standards of research integrity — as set out, for instance, in the **European Code of Conduct for Research Integrity** — and including, in particular, avoiding fabrication, falsification, plagiarism or other research misconduct).\* (Yes/No)
- Click here for the [Code of Conduct for the integrity of the research-ALLEA](#)
- This proposal follows the internal rules of the organization regarding ethics requirements and will require approval of the corresponding ethics committees before signature of the grant agreement (if selected); no research activities will be performed until such approval.\* (Yes/No)
- The information contained in this proposal is correct and complete.\* (Yes/No)
- The proposal complies with the Rules for Participation for the Health Research Call.\* (Yes/No)
- I declare I have read and understood the Rules for Participation of the Health Research Call.\* (Yes/No)