Fondazione Regionale per la Ricerca Biomedica

CALL 2024:

"FROM BED TO BENCH: THE WAY TO INNOVATION"

TABLE OF CONTENTS

1. GENERAL INFORMATION

FULL PROPOSAL:

"FROM BED TO BENCH: THE WAY TO INNOVATION"

Call Section (*) ☐ AI – ARTIFICIAL INTELLIGENCE

☐ PRECISION MEDICINE AND TECHNOLOGICAL INNOVATION

☐ LONG COVID-19

☐ ENDOCRINE-METABOLIC PATHOPHYSIOLOGY

Proposal title (*)- *The title should be no longer than **200 characters, including spaces** and should be understandable to the non-specialist in your field. (please add the same data and information reported in the Letter of intent)*

Project Request (*): Animals: Y/N Humans: Y/N Clinical trial: Y/N

PROJECT TOTAL FINANCING REQUEST TO FRRB (*): €……
(Please add the same financial request reported in the Letter of intent)

The object/s of this Proposal is/are under patent copyright Y/N:

In case of positive reply please report patent, number and owner and attach copy of the patent certificate:

Patent Number:

Type Patent Owner (Public Inst. Company/Private):

Patent owner:

Please check the box in case of Positive reply

1) The Principal Investigator declares to have the written consent of all participants on their participation and on the content of this proposal, as well as of any researcher mentioned in the proposal as participating in the project (either as other PI, team member or collaborator). ☐

2) The Principal Investigator declares that the information contained in this proposal is correct and complete. ☐

3) The Principal Investigator declares that all parts of this proposal comply 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). ☐

4) The Principal Investigator is only responsible for the correctness of the information relating to his/her own organisation. Each applicant remains responsible for the correctness of the information related to him and declared below. ☐

Personal data protection

The assessment of your grant application will involve the collection and processing of personal data (such as your name, CV etc.), which will be performed pursuant to Regulation (UE) 2016/679 on the protection of individuals about the processing of personal data by the European institutions and bodies and on the free movement of such data. Unless indicated otherwise, your replies to the questions in this form and any personal data requested are required to assess your grant application in accordance with the specifications of the call for proposals and will be processed solely for that purpose. Details concerning the purposes and means of the processing of your personal data as well as information on how to exercise your rights are available in the Call text.

Fondazione Regionale per la Ricerca Biomedica

2. ABSTRACT

*The Abstract should be no longer than **1500 characters** (**including spaces**)*

Please add the same abstract reported in the Letter of intent

To best review your application, do you agree that the above non-confidential proposal title and abstract can be used, without disclosing your identity, when contacting potential reviewers?

Yes ○ No ○

Fondazione Regionale per la Ricerca Biomedica

3. PARTICIPANTS & CONTACTS

ALL RESEARCH UNITS *(Please add the same data and information reported in the Letter of intent)*

Institution	Department/Division/ Laboratory	Role in the Project	Public Institute	Private Institute
		Coordinator (Research-Unit 1)		
		Partner 2 (Research Unit 2)		
		Partner 3 (Research Unit 3)		
		Partner 4 (Research Unit 4)		

PRINCIPAL RESEARCH COLLABORATORS
(Investigators, Institution, and Role in the project)
(Please be brief. Do not include contact information or lengthy description of roles).

Key Personnel Name	Role in the Project	Research Unit	Under 40	Date of Birth	Gender (F or M)	Responsible requests Ethical authorization	Responsible requests IACUC authorization

(please add the same data and information reported in the Letter of intent)

4. PI – COORDINATOR/ CO-PI/ PI – PARTNERS PROFILES

PRINCIPAL INVESTIGATOR - COORDINATOR

BIOGRAPHICAL SKETCH

DATA REPORTED IN THE LOI AND HERE CONSIDERED AS AN INTEGRAL PART OF THIS FULL PROPOSAL AND THEREFORE NOT RE-PROPOSED

CO-PI PROFILE- COORDINATOR

BIOGRAPHICAL SKETCH

DATA REPORTED IN THE LOI AND HERE CONSIDERED AS AN INTEGRAL PART OF THIS FULL PROPOSAL AND THEREFORE NOT RE-PROPOSED

Principal Investigator – Partner 2

BIOGRAPHICAL SKETCH

DATA REPORTED IN THE LOI AND HERE CONSIDERED AS AN INTEGRAL PART OF THIS FULL PROPOSAL AND THEREFORE NOT RE-PROPOSED

Principal Investigator – Partner 3

BIOGRAPHICAL SKETCH

DATA REPORTED IN THE LOI AND HERE CONSIDERED AS AN INTEGRAL PART OF THIS FULL PROPOSAL AND THEREFORE NOT RE-PROPOSED

Principal Investigator – Partner 4

BIOGRAPHICAL SKETCH

DATA REPORTED IN THE LOI AND HERE CONSIDERED AS AN INTEGRAL PART OF THIS FULL PROPOSAL AND THEREFORE NOT RE-PROPOSED

5. RESEARCH COLLABORATORS PROFILES

Research Collaborators n.1-COORDINATOR

BIOGRAPHICAL SKETCH

DATA REPORTED IN THE LOI AND HERE CONSIDERED AS AN INTEGRAL PART OF THIS FULL PROPOSAL AND THEREFORE NOT RE-PROPOSED

DATA REPORTED IN THE LETTER OF INTENT ARE CONSIDERED AS INTEGRAL PART OF THIS FULL PROPOSAL AND, THEREFORE, NOT REQUIRED AT THIS STAGE.

Research Collaborator n.2 - COORDINATOR

BIOGRAPHICAL SKETCH

DATA REPORTED IN THE LOI AND HERE CONSIDERED AS AN INTEGRAL PART OF THIS FULL PROPOSAL AND THEREFORE NOT RE-PROPOSED

Research Collaborator n.3 - COORDINATOR

BIOGRAPHICAL SKETCH

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Research Collaborator n.4 - Partner 2

BIOGRAPHICAL SKETCH

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Research Collaborator n.4 - Partner 2

BIOGRAPHICAL SKETCH

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Research Collaborator n.5 - Partner 2

BIOGRAPHICAL SKETCH

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Research Collaborator n.6 - Partner 2

BIOGRAPHICAL SKETCH

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Research Collaborator n.7- Partner 3

BIOGRAPHICAL SKETCH

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Research Collaborator n.8 - Partner 3

BIOGRAPHICAL SKETCH

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Research Collaborator n.9- Partner 3

BIOGRAPHICAL SKETCH

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Research Collaborator n.10- Partner 4

BIOGRAPHICAL SKETCH

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Research Collaborator n.11- Partner 4

BIOGRAPHICAL SKETCH

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Research Collaborator n.12 – Partner 4

BIOGRAPHICAL SKETCH

DATA REPORTED IN THE LOI AND HERE CONSIDERED AS AN INTEGRAL PART OF THIS FULL PROPOSAL AND THEREFORE NOT RE-PROPOSED

5. SELECTED PEER-REVIEWED PUBLICATIONS OF THE RESEARCH GROUP/COLLABORATORS

Selected peer-reviewed publications of the Research Group/Collaborators (including Co-PIs and in chronological order)

Max 75 *(only five per collaborating researcher) best publications on the same topic of the project proposal with bibliographic data, IF, N° of Citations until the date of the Project Proposal submission. Do not include manuscripts submitted or in preparation.*

DATA REPORTED IN THE LOI AND HERE CONSIDERED AS AN INTEGRAL PART OF THIS FULL PROPOSAL AND THEREFORE NOT RE-PROPOSED

6. ETHICS

(Please indicate the same information reported in the Letter of intent)

1. HUMAN EMBRYOS/FOETUSES	YES or NO
Does your research involve Human Embryonic Stem Cells (hESCs)?	
Does your research involve the use of human embryos?	
Does your research involve the use of human foetal tissues / cells?	
2. HUMANS	YES or NO
Does your research involve human participants?	
Does your research involve physical interventions on the study participants?	
3. HUMAN CELLS / TISSUES	YES or NO
Does your research involve human cells or tissues (other than from Human Embryos/ Foetuses)?	
4. PERSONAL DATA	YES or NO
Does your research involve personal data collection and/or processing?	
Does your research involve further processing of previously collected personal data (secondary use)?	
5. ANIMALS	YES or NO
Does your research involve animals?	
6. ENVIRONMENT & HEALTH and SAFETY	YES or NO
Does your research involve the use of elements that may cause harm to the environment, to animals or plants?	
Does your research deal with endangered fauna and/or flora and/or protected areas?	
Does your research involve the use of elements that may cause harm to humans, including research staff?	
7. DUAL USE	YES or NO
Does your research involve dual-use items in the sense of Regulation 428/2009, or other items for which an authorisation is required?	

8. EXCLUSIVE FOCUS ON CIVIL APPLICATIONS	YES or NO
Could your research raise concerns regarding the exclusive focus on civil applications?	
9. MISUSE	YES or NO
Does your research have the potential for misuse of research results?	
10. OTHER ETHICS ISSUES	YES or NO
Are there any other ethics issues that should be taken into consideration? Please specify	

I confirm that I have considered all ethics issues described above and that, if any ethics issues apply, I will complete the ethics self-assessment and attach the required documents. ☐

7. CALL-SPECIFIC QUESTIONS

(Please add the same data and information reported in the Letter of intent)

Eligibility

I am aware of the eligibility requirements necessary to apply to this Call, and certify that, to the best of my knowledge, my application is in compliance with all these requirements. I understand that my proposal may be considered ineligible at any step during the evaluation or granting process if not compliant with these eligibility criteria. ☐

I confirm that the present proposal doesn't duplicate an existing or recently approved GRANT already funded and not yet ended. ☐

8. DESCRIPTION OF THE PROJECT:

8.1 summary description ***(max 1.000 characters including spaces)***

please add the same data and information reported in the Letter of intent

8.2 Background / State of the Art and Preliminary data (if available) ***(max 1.500 characters including spaces)***

please add the same data and information reported in the Letter of intent

8.3 Description and distribution of activities of each research unit ***(max 2.000 characters including spaces)***

please add the same data and information reported in the Letter of intent

8.4 SPECIFIC AIMS

8.4.1 Specific aims 1

(please add the same data and information reported in the Letter of intent)

8.4.2 Specific aims 2

(please add the same data and information reported in the Letter of intent)

8.4.3 Specific aims 3

(please add the same data and information reported in the Letter of intent)

8.4.5 Experimental design aim 1 (***max 4.000 characters for single field))***

8.4.6 Experimental design aim 2 (***max 4.000 characters for single field)***

8.4.7 Experimental design aim 3 (***max 4.000 characters for single field)***

8.4.8 Picture to support preliminary data ***(max 3 MB)***
(please add same data and information reported in the Letter of intent)

8.5 METHODOLOGIES AND STATISTICAL ANALYSES ***(max 16.000 characters including spaces - max 4.000 characters for single field)***

8.5.1 Methods of data collection (Indicate the data that will be collected, the tools used

8.5.2 Statistic plan (calculation of statistical data)

8.5.3 Statistical analysis (describe the main statistical analysis)

8.5.4 Timing of analysis data (indicate duration of study: duration of enrolment, of therapy, follow-up etc)

8.6 EXPECTED OUTCOMES ***(max 2.000 characters including spaces)***

8.7 RISK ANALYSIS, POSSIBLE PROBLEMS AND SOLUTIONS: (describe all measures taken to minimize / avoid bias) ***(max 2.000 characters including spaces)***

8.8 SIGNIFICANCE AND INNOVATION ***(max 1.500 characters including spaces)***

8.9 BIBLIOGRAPHY ***(max 2.000 characters including spaces)***

8.10 TIMELINE/DELIVERABLES/PAYABLE MILESTONES ***(max 1.500 characters including spaces)***

- Milestones - 12 month: ***(max 1.000 characters including spaces)***

- Milestones - 24 month: ***(max 1.000 characters including spaces)***

- Milestones - 36 month: ***(max 1.000 characters including spaces)***

- GANTT CHART ***File Attached (max 3 MB)***

8.11 EQUIPMENT AND RESOURCES AVAILABLE ***(max 3000 characters including spaces for single field))***

- Facilities Available

- Subcontract (Explain Reasons for Subcontract)

8.12 DESCRIPTION OF THE COMPLEMENTARITY AND SINERGY OF SECONDARY COLLABORATOR RESEARCHERS ***(max 2500 characters including spaces)***

(please add the same data and information reported in the Letter of intent)

8.13 TRANSLATIONAL RELEVANCE AND IMPACT FOR THE REGIONAL HEALTH SYSTEM

(max 1.000 characters including spaces)

(i.e. what is already known about this topic? what this research adds? what are the implications for public health, clinical practice, patient care?)

(please add the same data and information reported in the Letter of intent)

8.14 DISSEMINATION & COMMUNICATION PLAN ***(max 2500 characters including spaces)***

9 – Budget

please fill in the excel file named Budget Bed To Bench and downloadable from the FRRB Platform. Once filled out, convert the file into PDF format and then upload it, together with the Full Application, to the FRRB Platform.