

FILL IN THE FORM AND DO NOT DELETE ANY SECTION.

PLEASE UPLOAD AS A PDF FILE (name the file as: **CODE\_LOI\_Surname** - e.g. 2022-xxxx\_LOI\_Bianchi).

### Project duration

(months)

### Project title

(maximum 150 characters)

### Principal Investigator (Leading Unit)

Provide a description of the PI's qualifications, expertise, experience and accomplishments.

| Personal data   |      |                           |               |
|---|------|---------------------------|---------------|
| Surname   | Name | Organization and position | Date of birth |
|   |      |                           |               |
| Education and training  |      |                           |               |
| list, in reverse chronological order, all degrees obtained  |      |                           |               |
| Research and professional experience  |      |                           |               |
| list, in reverse chronological order, all positions held, describing the main focus of the research activity      |      |                           |               |
| Technical skills and competences  |      |                           |               |
|   |      |                           |               |
| Researcher profile  |      |                           |               |
| indicate the ID of any ORCID, ResearcherID, Publons or Scopus profile (strongly recommended)                      |      |                           |               |
| Scientific publications (peer-reviewed)   |      |                           |               |
| indicate the total number of publications and h-index   |      |                           |               |
| list 5 publications more relevant to the project in reverse chronological order                                   |      |                           |               |
| indicate the total number and the list of the publications as first or last author in reverse chronological order |      |                           |               |
| indicate the total number and the list of the publications as corresponding author in reverse chronological order |      |                           |               |
| indicate the last 5 publications in reverse chronological order   |      |                           |               |
| Congresses - Oral communications  |      |                           |               |
| indicate titles in reverse chronological order  |      |                           |               |

| Grants   |  |
|--|--|
| indicate title, duration, total amount, devoted time, funding agency of the grants achieved as PI<br>please specify whether the funding is still running and if it overlaps with the current proposal or not |  |
| Career breaks  |  |
| maternity/paternity leave and/or long illness  |  |
| Time devoted to the project (%)  | Indicate the effort  |
| Salary coverage  | <input type="checkbox"/> Cariplo Foundation<br><input type="checkbox"/> Other funding agency (please specify)<br>_____ |

**Partnership[s] (PI - Organization) and any external collaborator[s]**  
 (maximum 500 characters)

**Abstract**  
 Summarize the research project by briefly describing: central hypothesis, objectives, specific aims, research design, methods and potential translational outcomes.  
 (maximum 5000 characters)

**Does this represent a resubmission of an application reviewed in the last edition of the Call?**  
☐ yes  
☐ no

**If yes, please specify:**

Phase I: ☐ Formal reasons (missing or incomplete documents, budget coherence)  
☐ Substantial reasons (on the basis of reviewers' evaluations)

Phase II: ☐ Formal reasons (missing or incomplete documents, budget coherence)  
☐ Substantial reasons (on the basis of reviewers' evaluations)

Final score: \_\_\_\_\_

Address here the reviewers' critiques (phase I or II) and explain how the proposal has been improved.

(maximum 3000 characters)

**Relevance to the Call**

Clearly specify how the goals of the project fit with the aims of the Call.

(maximum 3000 characters)

**Bibliography**

List all the articles cited in the project. For each publication indicate: name of the authors, title, journal, volume, issue, pages and year of publication. If the document is available online, provide the link.

(maximum 10 references)

**If it is the case, indicate any changes you made responding to LOI review comments and/or any advancements which have occurred in your career from the Call deadline** (publication, Grant)

(maximum 3000 characters)

#### Scientific background

Describe the background of the proposed project, critically evaluate the existing knowledge and identify the gap[s] the project intends to fill. Clarify in which ways the project represents a significant step forward with respect to the current state of the art.

(maximum 8000 characters)

#### Preliminary data and rationale of the project

List and comment on all preliminary data available and pertinent to the proposed research. Clearly state the project's hypotheses.

(maximum 7000 characters, legends included; figures, tables and pictures must be clearly legible both in print and on computer monitors)

#### Experimental plan

Describe: i) methods and actions planned (WPs and tasks), ii) expected outputs, iii) milestones and deliverables, and iv) role of the partners (if any). Provide a tentative timetable (Gantt). Discuss how data are going to be analysed and interpreted and provide a description of the statistical methods that you intend to adopt. In addition, consider potential pitfalls and caveats, discussing possible difficulties and limitations of the proposed procedures. Finally, suggest alternative approaches to achieve expected objectives.

(maximum 20000 characters, legends included; figures, tables and pictures must be clearly legible both in print and on computer monitors)

#### Project Originality and Innovation

Indicate if the project employs novel concepts, approaches or methods and if it challenges existing paradigms in the field or develops new methodologies or technologies.

(maximum 3000 characters)

#### Bibliography

List all the articles cited in the project. For each publication indicate: name of the authors, title, journal, volume, issue, pages and year of publication. If the document is available online, provide the link.

(maximum 50 references)

#### Research team

For each member of the research team (both permanent and temporary), excluding PI, provide the following information:

| Personal Data          |      |                           |               |
|------------------------|------|---------------------------|---------------|
| Surname                | Name | Organization and Position | Date of birth |
|                        |      |                           |               |
| Education and training |      |                           |               |

|   |   |
|---|---|
| list, in reverse chronological order, all degrees obtained  |   |
| <b>Research and Professional experience</b>   |   |
| list, in reverse chronological order, all positions held, describing the main focus of the research activity  |   |
| <b>Scientific Publications and Congress Oral Communications</b>   |   |
| indicate the ID of any ORCID, ResearcherID, Publons or Scopus profile<br>indicate the total number of publications and h-index;<br>list a selection of the peer-reviewed publications more relevant to the project (maximum 5 indexed publications) |   |
| <b>Grants</b>   |   |
| indicate title, duration, total amount and funding agency of the grants achieved <u>as PI</u>   |   |
| <b>Role in the project</b>  |   |
| <b>Role</b>   | <b>Total Effort (%)</b>   |
|   | Indicate the percentage of effort dedicated to project activities |

#### Research organization and lab facilities

Describe in detail which facilities and equipment are available for the proposed project.

(maximum 5000 characters)

## Biomedical Research conducted by Young Researchers 2022 – Budget

| Breakdown of the total cost |                          |                      |
|-----------------------------|--------------------------|----------------------|
| Organization name           | Lead institution/partner | Requested amount (€) |
|                             | Lead institution         |                      |
|                             | Partner 1                |                      |
| Add rows if necessary       | ...                      |                      |
| TOTAL                       |                          |                      |

### Budget details

For each partner provide the following information:

| Temporary staff       |                        |                      |                                 |                          |
|-----------------------|------------------------|----------------------|---------------------------------|--------------------------|
| Name                  | Annual Base Salary (€) | Requested amount (€) | Role in the project (Wps/tasks) | Lead institution/partner |
| ...                   | 0,00                   | 0,00                 |                                 |                          |
| Add rows if necessary | 0,00                   | 0,00                 |                                 |                          |
| TOTAL                 | 0,00                   | 0,00                 |                                 |                          |

Use the following box to add further information (e.g. salary coverage for PI/team member whose salary is not requested to Fondazione Cariplo)

| Equipment and software |                      |                          |
|------------------------|----------------------|--------------------------|
| Description            | Requested amount (€) | Lead institution/partner |
| ...                    | 0,00                 |                          |
| Add rows if necessary  | 0,00                 |                          |
| TOTAL                  | 0,00                 |                          |

Describe in detail the required equipment/software

| Other amortisable costs (patent[s] only) |                      |                          |
|--|----------------------|--------------------------|
| Description                              | Requested amount (€) | Lead institution/partner |
| ...                                      | 0,00                 |                          |
| Add rows if necessary                    | 0,00                 |                          |
| TOTAL                                    | 0,00                 |                          |

Detail foreseen patents

| Sub-contractors and consultants |                      |                          |
|---------------------------------|----------------------|--------------------------|
| Description                     | Requested amount (€) | Lead institution/partner |
| ...                             | 0,00                 |                          |
| Add rows if necessary           | 0,00                 |                          |
| TOTAL                           | 0,00                 |                          |

List sub-contractor and consultant together with their affiliation, detail their role in the project

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| <b>Material and supplies</b> |                             |                                 |
|------------------------------|-----------------------------|---------------------------------|
| <i>Description</i>           | <i>Requested amount (€)</i> | <i>Lead institution/partner</i> |
| ...                          | 0,00                        |                                 |
| Add rows if necessary        | 0,00                        |                                 |
| TOTAL                        | 0,00                        |                                 |

Specify quantity and quality. Indicate when eventual material for dissemination activities is supplied by the organization

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| <b>Travel and publication</b> |                             |                                 |
|-------------------------------|-----------------------------|---------------------------------|
| <i>Description</i>            | <i>Requested amount (€)</i> | <i>Lead institution/partner</i> |
| ...                           | 0,00                        |                                 |
| Add rows if necessary         | 0,00                        |                                 |
| TOTAL                         | 0,00                        |                                 |

Indicate when dissemination activities are supported by the organization

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| <b>Overheads</b>      |                             |                                 |
|-----------------------|-----------------------------|---------------------------------|
| <i>Description</i>    | <i>Requested amount (€)</i> | <i>Lead institution/partner</i> |
| ...                   | 0,00                        |                                 |
| Add rows if necessary | 0,00                        |                                 |
| TOTAL                 | 0,00                        |                                 |

In case you wish to submit quotations, please pay attention:

- they must be written in English;
- they must be attached below.