

**Call for Expressions of Interest for the biomedical beamline ID17**

**(5 pages maximum)**

Please send the completed form by 14th October 2022 to the Directors of Research ([ID17-eoi@esrf.fr](mailto:ID17-eoi@esrf.fr)).

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| **Spokesperson** |
| *Name, affiliation, and e-mail* |
| **Program Title and Scientific area** |
| PROGRAM TITLE  SCIENTIFIC AREA  FOCUS  KEY WORDS |
| **Scientific case** |
| OVERALL OBJECTIVES  Describe here the overall objectives of the research program.  SCIENTIFIC RELEVANCE  Put the above objectives into perspective with the main opportunities in biomedical research & innovation.  SCIENTIFIC APPLICATION(S)  Describe here the main scientific applications.  ADDED VALUE FOR THE ESRF USER COMMUNITY AND THE EUROPEAN RESEARCH AREA  Describe here how the proposed project extends and/or complements the existing ESRF user programs, and how it is inserted into the landscape of biomedical research on the pan-European level. Highlight links with similar on-going initiatives at the national and European level, and at other research infrastructures.  EXPERIMENTAL, TECHNICAL, AND FACILITY REQUIREMENTS  Describe here the main technical requirements in terms of beamline instrumentation and general support facilities to be developed.  TIMELINE FOR IMPLEMENTATION & RESOURCE LOADING  Provide here a time line for the implementation of the project[[1]](#footnote-1). Define some key milestones and deliverables during the course of the project implementation.  List in a tabular form how your community can contribute to the establishment and exploitation of the scientific program(s)[[2]](#footnote-2).  WHAT WE HAVE BROUGHT IN THE PAST YEARS  WHAT WE CAN PROVIDE |
| **List of Consortium members** |
| Partner 1:  Partner 2:  Partner 3:  etc.  List in a tabular form the members of the interest group, comprising name, affiliation, and e-mail. The supply of letters of commitment is encouraged. |

1. *In case of a major refurbishment, at the ESRF the typical timeline between the start of the Technical Design Report and start of User operation is about 3 – 4 years.* [↑](#footnote-ref-1)
2. *As a guideline, in case of a major refurbishment, ESRF has the capacity to provide 1 – 2 M€ capital funds. For the operation of the beamline, ESRF provides about 100 k€ in capital/year and funds for staff, typically 2 scientists, 2 postdoctoral fellows, 1 technician, and 50% of a beamline operation manager. Furthermore, there is support by optics, mechanical, electronics, and software engineers both for the beamline routine operation and on a project basis.* [↑](#footnote-ref-2)