

Turing Centre for Living Systems

Eligibility criteria

CENTURI gives priority to new collaborations between theoretical and experimental groups from different research units, addressing a biological question of interest to the CENTURI research community. Such projects can be initiated by the theoretical group or by the experimental group.

Eligibility

PhD and postdoc projects must meet the following conditions:

- Be part of CENTURI (<http://centuri-livingsystems.org/centuris-research-groups/>)
- Be interdisciplinary (e.g. Physics/Biology, Computational sciences/Biology, Maths/Biology)
- Include at least one biology team
- Include at least one team located in Luminy

Other projects are also considered eligible:

- The extension of an existing collaboration between groups from different disciplines.
- Recruitment of theoreticians or computational scientists in experimental groups, provided that supervisory support is available.
- Recruitment of theoreticians or computational scientists in theoretical/computational groups, provided that the major research question is linked to biological problems addressed within the CENTURI biology community.
- Recruitment of experimental scientists developing and applying quantitative approaches in biology groups that have not taken such approaches before
- Projects involving instrumentation development, provided that the new experimental system is expected to be available to biology groups in Luminy within the timeframe of the project.

Projects between two experimental groups in biology are not eligible if there is no theoretical or quantitative approach.

The CORES uses the HCERES and EPST notions of “équipe” (here “group”) and “unité de recherche” (“research unit”) in their evaluation of eligibility. Projects between two members of the same group are not eligible unless they require and involve collaboration with a different group. This applies to single-group research unit, such as the LAI or the TAGC. For these single-group research units, or indeed for any large group, more than one project can be submitted to a given call, subject to the supervision rules given below. The CORES may ask the head of the group or single-group research unit to rank these projects.



Lead supervisor / Co-supervisor(s)

Each research project will have to state clearly the lead supervisor and the co-supervisor(s). The lead-supervisor will be the formally responsible supervisor for the PhD or Postdoc and the PhD/ Postdoc will be contractually assigned to his/her lab.

PhD project applications should involve at least two research groups from different disciplines among the CENTURI partners. The rationale for having at least two partners is twofold: (i) to foster collaborations and (ii) to ensure that a student in a given discipline receives advice from a supervisor in his or her field of study (e. g. a physics student hosted in a biology team with a biologist as the primary supervisor can obtain advice from a physics supervisor).

Please note that at least one of the co-supervisor needs to have the Authorization to direct research (Habilitation à diriger des recherches) in order to supervise PhD students.

Rules for supervisors

Groups which already have a PhD or postdoc funded by CENTURI can submit projects, but the **number of simultaneous supervisions (of CENTURI PhD students / postdoctoral fellows) by a researcher is limited to 3**. Lead supervision counts as 1; co-supervision counts as 0.5. Amongst these 3 supervisions, researchers are allowed to be the lead supervisor for up to 2 PhD students / postdoctoral fellows. As such, a researcher could be:

- the lead supervisor for 2 PhD students / postdoctoral fellows and the co-supervisor for 2 PhD students / postdoctoral fellows.
- the lead supervisor for 1 PhD student / postdoctoral fellow and the co-supervisor for 4 PhD students / postdoctoral fellows.
- the co-supervisor for 6 PhD students / postdoctoral fellows.

2 additional rules apply for supervisors:

- a supervisor cannot submit more than 1 project / call (lead or co-supervisor)
- a supervisor can submit a maximum of two collaborative projects / year (PhD and postdoc calls), with a maximum of one lead supervision

Selection criteria (research projects)

- Interdisciplinarity
- Scientific interest of the project
- Innovative and collaborative dimension of the project

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Selection criteria (for applicants)

Candidates will be evaluated on the following criteria

- Scientific level and publications
- Ability to work in a multidisciplinary research environment
- Ability to work on a collaborative research project
- Enthusiasm and communication skills

