CALL FOR DOCTORAL APPLICATIONS 2022

SCOPE OF THE CALL

The Graduate School of Life & Health Sciences opens a call for interdisciplinary PhD projects at the interface of Biology and Artificial Intelligence.

The present call is for two 3-year PhD positions and both fellowships are funded in collaboration with respectively:

- The Interdisciplinary Institute for Artificial Intelligence - 3IA Côte d'Azur (1 fellowship)*
- The Academy 4: Complexity and diversity of living systems (1 fellowship)

Attention:

- ✓ *The project has to match with one of the following 3IA axes (https://3ia.univ-cotedazur.eu/research/4-research-axes):*
  - *AI for Computational Biology and Bio-inspired AI*
  - *AI for Integrative Computational Medicine*
- ✓ *The candidate will need to do 64h of mandatory teaching in AI as part of the PhD scholarship.*

(These requirements are not applicable for the PhD scholarship Graduate School LIFE/Academy 4)

GUIDELINES

ARTICLE 1 – ELIGIBILITY REQUIREMENTS

The project must imperatively be based on an established collaboration between a team belonging to one of the labs in primary affiliation of LIFE Graduate School (C3M, ECOSEAS, IBV, IPMC, IRCAN, ISA, LP2M, TIRO-MATOS, UR2CA) and a team from one of the following laboratories in secondary affiliation with LIFE (Centre INRIA Sophia Antipolis-Méditerranée, I3S, LJAD, INPHYNI, ICN).

The main supervisor must be Habilitated to Direct Research (HDR) or equivalent, must be affiliated to one of the labs in primary affiliation of LIFE Graduate School. Co-supervising by an expert in AI, including 3IA chair holders, is recommended.

ARTICLE 2 – EVALUATION CRITERIA

- Scientific quality and feasibility of the interdisciplinary project
- Quality of the supervisor and of the main collaborator from the other discipline
- Excellence of the candidate according to the Health and Life Science criteria (in particular their ranking/distinction obtained in Master)
- Ability of the candidate to master the interdisciplinary aspects of the subject

ARTICLE 3 – DOCUMENTS TO BE PROVIDED

The application must be written in English or in French.

For the research project:

- A short scientific presentation of the project (max 1-page recto-verso) detailing:
    - **Scientific impact**
    - **Originality**
    - **Feasibility**
    - **The relevance of the interdisciplinary consortium**
      (details regarding supervision & management from both disciplines should also be mentioned)

For the candidate:

- CV of the candidate
- At least, one recommendation letter of previous supervisor/tutors
- Master transcript including detailed marks and ranks (when available)
  (if the Master is not finished yet, a transcript of the grades obtained so far and a letter of the professor in charge of the Master stating at the very least that he/she is confident in the fact that the student will obtain his/her degree)
- Motivation letter (max 1-page recto)

For the supervisor and the main collaborator from the other discipline:

- Letter explaining the link of the thesis subject with IA (max 1-page recto) and support
- Brief CVs, including 5 recent publications over the past 3 years

ALL DOCUMENTS HAVE TO BE CONCATENATED IN A SINGLE PDF FILE IN THE FOLLOWING FORMAT:

LAST NAME of the candidate_LAST NAME of the supervisor.pdf

INCOMPLETE APPLICATIONS WILL NOT BE CONSIDERED

ARTICLE 4 – SELECTION COMMITTEE

Applications will be examined by a Scientific Committee made up of 50% of members from the Conseil de l'Ecole Doctorale Sciences de la Vie et de la Santé (ED85)/LIFE Graduate School and 50% of experts recommended by 3IA and Academy 4.

ARTICLE 5 – IMPORTANT DATES

- ➢ March 28, 2022: Launch of the call
- ➢ May 30, 2022: Deadline for the submission of applications**
- ➢ June 7, 2022: Notification of preselected candidates
- ➢ June 13, 2022: Interviews (by videoconference if necessary) of preselected candidates
- ➢ June 15, 2022: Publication of final ranking

**The application to this call does not exclude applications to other PhD fellowships

Applications must be sent to the LIFE Graduate School Project Manager: Sofie.VANMAELE@univ-cotedazur.fr