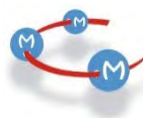


Call for Chairs of Excellence- Labex SIGNALIFE

The Laboratory of Excellence for Innovation in Signal Transduction Pathways in Life Sciences ([Labex SIGNALIFE](#)) brings together high-profile researchers from five institutes of biology ([Centre Méditerranéen de Médecine Moléculaire-C3M](#)), Institut de Biologie Valrose-iBV), Institut de Pharmacologie Moléculaire et Cellulaire-IPMC, Institute for Research on Cancer and Aging, Nice-IRCAN and Institut Sophia Agrobiotech-ISA) and one research Institute for Digital Science and Technology (Inria) at [Université Côte d'Azur](#) in Nice, France. The common goal of the SIGNALIFE teams is to study signaling pathways from their architecture to their modulation, in order to understand their role in the development and the functions or dysfunctions of organs and organisms. Various biological models are used, and the applications resulting from basic and translational research include biomedical research, pharmacology, development and agriculture.

To strengthen its research on signaling pathways, SIGNALIFE is launching an international call for **Chairs of Excellence** to recruit scientific leaders who will establish new research groups in the SIGNALIFE institutes of biology. For this 2022 call for Chairs of Excellence, positions are open in C3M, iBV and ISA. Candidates of any nationality can apply, including researchers with a permanent position in France, but candidates must not be working in a SIGNALIFE laboratory at the time of their application. The proposed project should be ambitious and relate to the Labex scientific axes : Cellular Architecture of Signaling Pathways (axis 1), Plasticity of Signaling (axis 2), Stress Signaling (axis 3), Signaling in Aging and Disease Progression (axis 4) and New principles in Signaling and Applications, possibly in association with Inria (axis 5). The added value of the proposal to the SIGNALIFE network will be an important selection criterion.



For the present Chair of Excellence call, the [Centre Méditerranéen de Médecine Moléculaire](#) (C3M <http://www.unice.fr/c3m/>) is looking for an internationally renowned researcher or a young researcher with a strong track record to develop a project in line with cancer (melanoma, lymphoma/leukemia, prostate, lung or liver cancer), cardiometabolic diseases (obesity, type 2 diabetes and cardiovascular diseases), and immune/inflammatory responses. Any application on these topics are welcomed but we are more particularly interested by research projects on System biology applied to any research topic of C3M; Interplay between immunity and/or inflammation and the development of cancers, cardiometabolic diseases and pathogen response (a strong immunologic background is required); Innervation and Neurosignaling or Neuroimmunology in cancer and cardiometabolic diseases; Gut pathophysiology in cardiometabolic disease development. C3M is a Université Côte d'Azur and Inserm (French National Institute of Health and Medical Research) biomedical research institute with more than 180 people in 13 teams. Its researchers perform highly integrated basic, translational and clinical research aimed at understanding the mechanisms and causes of different cancers, cardiometabolic diseases and immune/inflammatory responses in order to develop novel approaches to prevention and therapeutic strategies. C3M is housed in a building on the site of the Nice Archet Hospital, allowing strong collaborations with clinicians. This environment fosters rich intellectual exchanges and collaborations.

The selected scientist will receive a SIGNALIFE starter package (up to €600,000) for up to five years including operating costs (€100,000) and salaries (group leader/post-doc/PhD student/technician, up to €500,000). He/she will be provided with office and laboratory space (around 50 m²) and will have access to basic laboratory equipment and to state-of-the-art C3M core facilities (cellular imaging, animal facilities, mouse metabolic phenotyping, genomics, histology, flow cytometry). He/she will be supported by dedicated university services for short-term lodging upon arrival ([Faculty Club](#)), given practical and administrative advice and assistance ([Welcome Center](#)) and will receive appropriate help and support to apply for other highly competitive national and European programs and for a French academic research position (if applicable).

PROCEDURE TO APPLY

Applicants should provide, in a single PDF file (single-spaced, 11-point Arial font):

- Name of the applicant, address, email and telephone number, project title, SIGNALIFE scientific axes and laboratory associated with the proposed project
- Project abstract (1 page)
- Detailed project description (4 pages) including the objectives, the rationale and the methodology, highlighting the novelty, originality and feasibility of the project as well as the added value to the SIGNALIFE network and the host laboratory
- Description of past and present research activities (2 pages)
- CV (1 page) and list of publications.

Applications should be addressed to Dr. Patrick Auburger (Patrick.AUBERGER@univ-cotedazur.fr) no later than **March 1st, 2022**. Shortlisted candidates will be invited for an on-site interview.