

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, Institut de Recherche sur le Cancer et le Vieillessement de Nice-IRCAN, and Institut Sophia Agrobiotech-ISA) and one research Institute for Digital Science and Technology (Inria) at [Université Côte d'Azur](#). 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 each of the SIGNALIFE institutes of biology. For this 2022 call for Chairs of Excellence, positions are open in C3M, iBV and ISA. Applications are open to candidates of any nationality, 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 scientific axes of the SIGNALIFE program: 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.



In the context of this call for a Chair of Excellence in the field of cell signaling, the **Institut de Biologie Valrose (iBV)** is looking for an **internationally renowned researcher or a young researcher with a strong track record** to develop a project that complements existing

research topics at the institute (signaling, cell and developmental biology, neurobiology, and tissue and organ morphogenesis and function, as well as associated disorders and therapies). Research at the iBV is dedicated to deciphering the basic principles of biology involved in health and disease. To this aim, iBV researchers use a wide range of biological model systems (yeast, worm, sea urchin, fly, zebrafish, mouse and organoids) as well as human tissues and patient samples. We are looking for an enthusiastic individual who combines scientific excellence with an interest in addressing emerging new biological concepts and/or disease-related challenges. Applications relating to the study of vertebrate regeneration, the development of quantitative approaches in biology and the use of zebrafish as a model organism are particularly encouraged. The institute is committed to improving the gender balance and encourages women to apply.

The iBV is an internationally recognized institute, presently hosting 26 research groups, with about 30 different nationalities and English as a working language. Information about our scientific activities, platforms and institute life can be found on our website <http://ibv.unice.fr/>. 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 lab (80 m²) and office (20 m²) space and will have full access to the state-of-the-art technology platforms available at the iBV, including dedicated microscopy infrastructure, cytometry, histology, bioinformatics and animal facilities of various model organisms. 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 theme 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. **Stéphane Noselli** (Stephane.NOSELLI@univ-cotedazur.fr) no later than **March 1st, 2022**. Shortlisted candidates will be invited for an on-site interview.