

Call for interdisciplinary research chairs Group leader position in Biological Data Science

The Dynamics of Biomolecular Networks ([DYNABIO](#)) cluster of excellence at the Université Côte d'Azur (Nice, France) brings together 85 research teams from six local biology institutes: [C3M](#) (Centre Méditerranéen de Médecine Moléculaire); [iBV](#) (Institut de Biologie Valrose); [IPMC](#) (Institut de Pharmacologie Moléculaire et Cellulaire); [IRCAN](#) (Institute for Research on Cancer and Aging, Nice); [ISA](#) (Institut Sophia Agrobiotech) and [LP2M](#) (Laboratoire de PhysioMédecine Moléculaire) as well as the Inria research institute for computer science and applied mathematics.

DYNABIO is dedicated to advancing cutting-edge research in systems and computational biology, with a central focus on the architecture, dynamics, and interactions of biomolecular networks. The interdisciplinary approach of DYNABIO bridges biology with computer science, mathematics, chemistry, and physics. Research carried out within DYNABIO teams spans a wide range of models and addresses fundamental questions in biological mechanisms, pharmacology, cell and developmental biology, and agrosiences to understand the roles & regulatory principles of biological networks in the development and function of organs and organisms as well as in human disease etiologies (cancer, inflammation, cardiometabolic disease, aging, immune and neurological disorders) and plant-microorganism interactions.

DYNABIO is launching an international call for Interdisciplinary Research Chairs to further enrich its community of researchers working at the interface of different disciplines.

Join DYNABIO as a Group Leader in Biological Data Science

This is a unique opportunity for an outstanding scientist to establish an independent research program at the interface of biology and computer sciences, in one of the five major DYNABIO-affiliated institutes (C3M, iBV, IPMC, IRCAN, ISA). His/her group will leverage large-scale, high-dimensional datasets—such as genomics, transcriptomics, proteomics, imaging, or single-cell data—to uncover fundamental biological mechanisms. We are particularly interested in candidates who combine computational biology, data science, and machine learning/AI with deep biological insight. While wet lab activities are welcome, they are not mandatory. However, the candidate must have demonstrated his/her ability to collaborate with biologists and have a strong publication record reflecting this interdisciplinary engagement.

S/he will also benefit from the rich Dynabio environment, including possibilities to closely interact with the local [3IA cluster of excellence](#) on Artificial Intelligence, as well as local research centers specialized in machine learning and AI, stochastic modeling and programming or applied mathematics ([Laboratoire J.-A. Dieudonné](#)) and in Computer Science ([I3S](#) & [Inria](#)), with expertise in complex data representation and processing.

Starting package and Support

The selected Chair holder will receive a highly competitive start-up package of €500,000 covering operating costs and salaries. The host institute will provide office and lab space, basic laboratory equipment, and full access to state-of-the-art core facilities. Furthermore, DYNABIO is committed to supporting the Chair holder in securing long-term academic positions. In return, the Chair holder is expected to contribute to the university community through either teaching or engagement in local interdisciplinary networking activities (35 hours/year).

Eligibility

The call is open to candidates of all nationalities, including those already holding permanent positions in France. However, applicants must not be affiliated with Institutes of the University Côte d'Azur at the time of application. The interdisciplinary scope and scientific impact of the proposed research project will be key evaluation criteria.

Application Procedure

Applications must be submitted by December 1, 2025 to the DYNABIO direction (florence.besse@univ-cotedazur.fr and jean-francois.tanti@univ-cotedazur.fr) as well as to up to 2 candidate host institutes (see contact list below). The reference of the chair (Biological Data Science) and the name of the targeted Institutes should appear on the main front page.

C3M: sophie.tartare-deckert@univ-cotedazur.fr

iBV: ibv.direction@univ-cotedazur.fr

IPMC : lesage@ipmc.cnrs.fr

IRCAN : Dmitry.BULAVIN@univ-cotedazur.fr

ISA : philippe.castagnone@inrae.fr

Applicants should submit their application as a single PDF file organized as follows:

- Applicant's full name, contact information (email, phone), project title, and the targeted host institute(s)
- Cover letter (1 page)
- Summary of past research activities (2 pages)
- Project description (4 pages): objectives, rationale, methodology, novelty, feasibility, and added value to the DYNABIO network and host institute
- Curriculum vitae and full list of publications (2 pages)

Shortlisted candidates will be first interviewed online by host institutes and then invited onsite for subsequent interview by the DYNABIO selection committee in April-May 2026. See the [DYNABIO web site](#) for more information.

Call for interdisciplinary research chairs Group leader position in Biological Network modeling

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Join DYNABIO as a Group Leader in Biological Network modeling

This is a unique opportunity for an outstanding scientist to develop an innovative research program at the interface of biology, applied mathematics and/or physics, within one of the five DYNABIO-affiliated institutes (C3M, iBV, IPMC, IRCAN, ISA). Applicants should have a strong background in applied mathematics or theoretical physics, with expertise in areas such as:

- Nonlinear dynamics
- Dynamical systems theory
- Stochastic processes
- ODE/PDE modeling
- Control theory

This theoretical expertise must be paired with a demonstrated interest and track record in biological applications, particularly in areas such as gene regulatory networks, cell signaling, or intercellular communication. While wet-lab components are welcome, they are not required. However, the candidate must have a proven ability to engage in effective interdisciplinary collaboration with both experimentalists and theoreticians, and a strong publication record reflecting this engagement.

The candidate will benefit from the dynamic, interdisciplinary ecosystem of the Université Côte d'Azur with opportunities to collaborate with leading international research centers: [J.A Dieudonné Laboratory](#) in mathematics, applied mathematics and mathematical modeling; [I3S](#) in network modeling, digital biology and health technologies; [Inria](#) in computer science, applied mathematics and control theory, as well as [Inphyni](#) in theoretical and applied physics.

Starting package and Support

The selected Chair holder will receive a highly competitive start-up package of €500,000 covering operating costs and salaries. The host institute will provide office and lab space, basic laboratory equipment, and full access to state-of-the-art core facilities. Furthermore, DYNABIO is committed to supporting the Chair holder in securing long-term academic positions. In return, the Chair holder is expected to contribute to the university community through either teaching or engagement in local interdisciplinary networking activities (35 hours/year).

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Call for interdisciplinary research chairs

Group leader position in Chemistry of Biological systems

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Join DYNABIO as a Group Leader in Chemistry of Biological Systems

This is a unique opportunity for an outstanding scientist to develop an innovative research program at the interface of chemistry and biology within one of the five major DYNABIO-affiliated institutes (C3M, iBV, IPMC, IRCAN, ISA). We welcome candidates proposing ambitious, interdisciplinary projects that apply chemical approaches to study and manipulate biological systems. Research themes of particular interest include, but are not limited to:

- Design, synthesis and use of fluorescent probes
- Small molecule approaches linked to medicinal chemistry
- In silico molecular modeling of biological interactions

The candidate must have demonstrated her/his ability to collaborate with biologists and a strong publication record reflecting this interdisciplinary engagement.

She/he will benefit from the dynamic, interdisciplinary ecosystem of Université Côte d'Azur, with opportunities for interdisciplinary collaborations, including collaborations with the [Nice Institute of Chemistry \(ICN\)](#), recognized for its expertise in chemical biology and [Inria](#), for its expertise on computational biology.

Starting package and Support

The selected Chair holder will receive a highly competitive start-up package of €500,000 covering operating costs and salaries. The host institute will provide office and lab space, basic laboratory equipment, and full access to state-of-the-art core facilities. Furthermore, DYNABIO is committed to supporting the Chair holder in securing long-term academic positions. In return, the Chair holder is expected to contribute to the university community through either teaching or engagement in local interdisciplinary networking activities (35 hours/year).

Eligibility

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C3M: sophie.tartare-deckert@univ-cotedazur.fr

iBV: ibv.direction@univ-cotedazur.fr

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