

OPEN POSITION AT THE CANCER RESEARCH CENTER OF MARSEILLE

Tenure Track Professor in Chemical Biology (Chaire Professeur Junior)

Aix-Marseille University (AMU), Marseille, France

Key words: cancer research chemical biology chemo-informatics chemistry

Aix-Marseille University opens a tenure track professor (CPJ) in chemical biology to strengthen research and teaching at the interface of chemistry and biology. The scientific objective is to accelerate the discovery and development of innovative therapeutic molecules and advanced drug delivery systems, addressing major health challenges such as cancer, cardiovascular, infectious, genetic, and neurodegenerative diseases. The recruited professor will leverage interdisciplinary expertise in organic synthesis, chemo-informatics, and drug design, utilizing cutting-edge platforms and collaborations to design novel compounds and optimize existing therapies, including the use of artificial intelligence for target identification and functional screening. On the educational side, the chair will enhance the university's training programs in Health Engineering and Biology-Health Masters, by providing high-level theoretical and practical teaching in both French and English. The professor will also supervise students at the master's and doctoral levels, fostering research-based learning and contributing to continuing and professional education. This initiative will reinforce the university's national and international competitiveness in innovative chemistry-biology research and education, while addressing societal and environmental concerns related to therapeutic innovation.

In this context, the **Cancer Research Centre of Marseille (CRCM)**, an international center affiliated to national (Inserm, CNRS) and local (Aix-Marseille University, Paoli-Calmettes Cancer Institute) institutions, is seeking to expand its activities in the field of chemical biology (e.g., medicinal chemistry, chemical probe development, activity-based probes, chemical genetics, targeted protein degradation, chemo-informatics, chemical proteomics, etc.) and is actively looking to support strong candidates with complementary expertise who could apply for the upcoming CPJ tenure-track position in Chemical Biology to be opened by Aix-Marseille Université (AMU) in 2025.

With 450 members in 4 Departments dedicated to Cell Communication and Microenvironment, Genome Integrity, Onco-Hematology and Immuno-Oncology, and Translational/Clinical research, the CRCM combines excellent research and access to high education in oncology and immunology, state-of-the-art technological support and a collegial set of teams offering a fertile and outstanding environment to develop fundamental, translational or clinical projects for patient benefits.

Applicants should propose a competitive, innovative research program aligned with the AMU CPJ objectives and with cancer biology and translational research for candidates wishing to join the CRCM. Candidates must hold a PhD, have significant postdoctoral experience, a strong publication record, and demonstrate the potential to obtain external funding.

Funding: 4-year salary + funding package (470 k€ including salary)

Candidates should express their interest in applying by sending before June 27th, 2025 to bernardst@ipc.unicancer.fr: 1) A curriculum vitae; 2) A concise presentation of the current research; 3) The name and email address of three referees.

The CRCM provides equal employment opportunities to all employees and applicants for employment and prohibits all forms of discrimination and harassment of any type.