

## OPEN POSITION AT THE CANCER RESEARCH CENTER OF MARSEILLE

### ***Principal Investigator/ Professor chair in Computational Modeling for Multi-Omics Data in Oncology***

**Key words:** cancer research computational modeling multi-omics single-cell

The generalization of multi-omics strategies (single cell sequencing, spatial transcriptomics) opens new horizons in cancer research. The Principal Investigator/Professor chair open at CRCM and supported by the French National Institute of Health and Biomedical Research (Inserm) aims at developing cutting-edge computational methods to leverage multi-omics and single-cell resolution data into novel and translational discoveries in cancer research.

The position will be hosted at 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. The CRCM hosts 450 members in 4 Departments dedicated to Cell Communication and Microenvironment, Genome Integrity, Onco-Hematology and Immuno-Oncology, and Translational/Clinical research (<http://crcm.marseille.inserm.fr/en/>) in the South-East of France. 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. A vast program has been initiated to organize the storage and integration of clinical and biological data between CRCM and its affiliated hospital, the Paoli-Calmettes Cancer Institute. The CRCM wishes to reinforce its computational task force at an excellent level, at the heart of an ideal environment for fruitful joint research between academics, hospital and industries.

The Principal Investigator/Professor chair will develop her/his own project and computational methods for multi-omics and single-cell data, focusing on tumor heterogeneity and personalized medicine in cancer, and bring new and complementary skills to the existing forces. She/he will also be engaged in interdisciplinary masters and doctoral programs (bioinformatics, AI) at Aix-Marseille University and in European networks (Erasmus Mundus, CIVIS).

#### **Qualifications & Engagement**

- **Required Qualifications:** Ph.D. in the relevant fields (life/medical sciences, bioinformatics), strong experience in multi-omics analysis and cancer research.
- **Skills:** Innovation, team management, communication.
- **Scientific Engagement:** High-impact publications, open-source software development, and public outreach activities.

**Funding:** 4-year salary + funding package (More detail please click [here](#))

**Candidates should send before May 16th, 2025 to [bernardst@ipc.unicancer.fr](mailto:bernardst@ipc.unicancer.fr):**

- A curriculum vitae
- A concise presentation of the current research
- 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.*