



## Bioinformatician

### Full time position for postdoc bioinformatician Cancer Ecosystems and Metastasis Laboratory (CEMLab)

#### Position

The **Cancer Ecosystems and Metastasis Laboratory (CEMLab)** at the **Université Libre de Bruxelles (ULB)**, led by **Panagiotis (Takis) Karras**, is seeking for a skilled bioinformatician with experience in single-cell multi-omics. The candidate will focus on projects to better characterize the drivers of cancer metastasis, profile the inter- and intra-tumor heterogeneity and plasticity combining mouse models and clinical samples. Applicants should demonstrate expertise in programming languages (Python and/or R) as well as experience working with high-performance computing clusters. The successful applicant will join the **ULB Faculty of Medicine** and the **Institute Jules Bordet** within the campus.

#### About CEMLab

**CEMLab** investigates the cellular and molecular mechanisms driving the metastatic cascade and explores how the tumor ecosystem evolves in primary and metastatic organs. Our goal is to develop a comprehensive understanding of the molecular mechanisms and cell-cell interactions that favor metastasis and promote tumor outgrowth in distant organs.

#### Profile

**We are seeking for motivated candidates having the following requirements:**

- Received a **PhD within 4 years** or are about to graduate from a PhD program in Bioinformatics, Computational Biology, or a related field of biology.
- Have **first-authored original publication(s)** in high-quality peer-reviewed journals.
- Experience with high-throughput omics technologies such as gene expression transcriptomics, proteomics, epigenomics etc.
- Demonstrated experience in cancer biology.
- Proficiency in Python and/or R.
- Experience with high-performance computing clusters and single-cell omics data analysis and integration.
- Ability to proactively manage and drive projects.
- Collaborate with wet lab scientists to refine and integrate datasets.
- Strong written and oral communication skills.

#### What we offer

- A **full-time, 2-year funded contract**, with the possibility of extension.
- Stimulating research environment promoting quality, professionalism, and teamwork.
- Opportunity to work on a team in close collaboration with physicians.
- Possibility to attend training courses to learn and implement new bioinformatics pipelines.
- Immediate incorporation.
- Flexible working hours and measures to reconcile work, family and personal life.
- The salary will be commensurate according to experience following ULB's pay scale.

#### Want to join us?

Interested candidates should send their application via email to **Panagiotis Karras** at [panagiotis.karras@ulb.be](mailto:panagiotis.karras@ulb.be), including a cover letter detailing relevant skills and experiences and a CV for assessment. Applications will be accepted until the position is filled. **Early submissions are encouraged as the position is available for immediate start.**