



## Bio-informatics scientist with focus on cancer research

### 1 - Working at the VUB

For almost 50 years, the **Vrije Universiteit Brussel** has stood for freedom, equality and connectedness. These values are strongly present on our campuses, in our students as well as our staff. At the VUB, you'll find a diverse collection of personalities: pure innovators and especially **people who are 100% their authentic selves**. With about **3.500 employees**, we are the **largest Flemish-speaking employer in Brussels**, an international city with which we are all too happy to be connected, and around which our four campuses are located.

### 2 - Position Description

The Oncology Research Center (ORC) of Vrije Universiteit Brussel (VUB) is looking for a talented and enthusiastic **bioinformatics scientist, who preferentially has obtained a PhD**. The candidate will contribute to the ongoing and new projects in the ORC situated in **cancer research**, with focus on but not limited to tumour biology and its microenvironment, immune-oncology, tumour heterogeneity and plasticity. The ORC is situated on the medical campus of VUB in Jette. The ORC is a multi-disciplinary group in which basic, translational and clinical investigators from the VUB and UZ Brussel collaborate.

The candidate should have a strong knowledge in bioinformatics and a first experience in research on biological pathways relevant in cancer research. The candidate will actively contribute to cancer research by **supporting data mining, bioinformatic analysis and interpretation of (single cell) (spatial) omics-data sets**. The candidate should also **autonomously consult public data sets and generate new insights** relevant to the ongoing or new research projects at ORC. The candidate will do this in teamwork with the biomedical scientists and clinician scientists of the ORC-groups. The candidate will interact with other bio-informaticians within ORC and within the BrightCore Genomics Core Facility. For this function, our Brussels Health Campus (Jette) will serve as your home base. After an induction period, there will be the possibility to work part-time from home.

### 3 - Profile

Your profile

- You preferentially hold a Ph.D. in a relevant domain (obtained max. 6 years ago). Or you have a master in bioinformatics and at least two years of relevant and demonstrated (e.g. via authorship on publications) experience in computer science or computational biology.
- A broad experience in bioinformatics and data-mining of large datasets including (epi)genomics and transcriptomics, bulk as well as single-cell sequencing data is required
- Working proficiency in Python and R
- You have a good background in Life Sciences

- You have a first work or research experience in cancer research
- Organized and respecting deadlines
- Good knowledge of English (written and oral)
- Motivated and enthusiastic researcher
- You have the ability to work autonomously while having strong team player skills
- Very good reporting and communication skills
- Continuous learning is part of your mindset

#### 4 - Offer

Are you going to be our new colleague?

- You'll be offered a temporary (1 year) full-time contract which will be renewed after positive evaluation.
- Salary: depending on your competences and previous relevant work experience
- The ability to work on scientifically high-impact, state-of-the-art projects
- Your contract can start as soon as possible.

At the VUB, you're guaranteed an open, involved and diverse workplace where you are offered opportunities to (further) build on your career. As well as this, you'll enjoy various benefits:

- **Full reimbursement for your home-work commute with public transport** according to VUB-policy, or compensation if you come by bike;
- Cost-free hospitalisation and group insurance with guaranteed income;
- The space to form your job content and **continuously learn** via VUB LRN;
- **Excellent facilities for sport and exercise;**
- **Ecocheques;**
- Delicious meals at attractive prices in our **campus restaurants;**
- An open, family-friendly work environment where attention is paid to work-life balance, and exceptional holiday arrangements with **35 days of leave** (based on a fulltime contract).

#### 5 - Interested?

Does this position appeal to you?

- Apply **ONLINE** via our VUB job site with your CV, letter of motivation, the highest degree you've attained (not applicable for VUB alumni) and language certificates where applicable.
- Optionally: reference letters
- This job vacancy remains open until February 26, 2024. The selection will be done based on an interview and possibly a test.

Do you have questions about the job content? Contact Isabelle Houbracken (Isabelle.houbracken@vub.be)

#### Would you like to know what it's like to work at the VUB?

Go to <https://jobs.vub.be/> and find all there is to know about our campuses, benefits, strategic goals and your future colleagues.