



# JOB OFFER

## POST-DOCTORAL POSITION in Leukemia Biology / Tumor microenvironment

Our research group is part of the de Duve Institute, a multi-disciplinary and international biomedical research institute of the UCLouvain in Brussels. Our goal is to uncover how normal and malignant hematopoietic cells communicate with the bone marrow microenvironment. We focus particularly on the role of nutrients and cell metabolism, using state-of-the-art metabolic analysis techniques in combination with mouse models and cell (co-)culture systems to unravel the metabolic communication between hematopoietic/leukemic cells, stromal cells and immune cells in the bone marrow niche.

### Your mission

We are looking for an ambitious candidate to pursue an exciting post-doc project in our lab, aiming at understanding how metabolic crosstalk between leukemia cells, immune cells and stromal cells drives development of chemotherapy resistance.

### Your qualifications and skills

The candidate holds a PhD in Biomedical Sciences, Molecular/Cellular Biology, Biochemistry or equivalent. A background in cancer cell biology, hematology or immunology is preferred but not required. Experience in working with mice is recommended. The candidate is highly motivated, quality-oriented, has a strong interest for biomedicine and fundamental research, and is ready to commit for a challenging project. A good command of English (spoken and written), good communication skills, and ability to design, perform and analyze experiments independently as well as in a team are necessary. Mentoring of 1 to 2 students (PhD or undergraduates) is likely to be required during the project.

### Specific requirements

The candidate is considered in "international mobility", i.e. they have not resided, studied or worked in Belgium for more than 24 months over the past 3 years before the start of the post-doc.

### What we offer

A two-year postdoc fellowship, potentially renewable. Candidates are encouraged to apply for their own fellowship during the first year, if possible. You will join a young and dynamic team, and have the opportunity to work on high impact projects in a multidisciplinary environment with excellent training conditions. We aspire to create a lab culture where all feel welcome, regardless of age, race, gender or cultural background.

### Interested?

Please send your application to Prof. Nick van Gestel at [nick.vangastel@uclouvain.be](mailto:nick.vangastel@uclouvain.be)

The application should include: 1) a CV including previous research experience and publications; 2) a short cover letter (max. half a page) describing the candidate's motivation, career objectives, research interests, expertise; 3) the name, affiliation and contact information of two references.

For more information about our research:

<https://www.deduveinstitute.be/cellular-metabolism-and-microenvironment>

