The ULB Center for Research in Immunology (U-CRI) (Belgium) brings together researchers from the ULB Faculties of Sciences, Medicine and Pharmacy. Its aim is to promote fundamental and translational immunology with research axis on molecular immunology, pre-clinical immunology, human and translational immunology (https://u-cri.ulb.be/). The team of David Vermijlen (https://u-cri.ulb.be/index.php?action=researchGroups&group=10) is looking for a research technician.

Job description

We offer a position embedded in the U-CRI at the Biopark Campus (rue Adrienne Bolland 8, 6041 Gosselies, Belgium) in the team of David Vermijlen where you will work together with motivated PhD students and post-doctoral fellows.

Duration: 1 year full time, renewable.
Starting date: As soon as possible.

Project description:

The laboratory of David Vermijlen focuses on γδ T cells, an unconventional lymphocyte population which confers protection against infections and tumors. The current research approach is to obtain insight into human γδ T cells by applying sophisticated molecular biological techniques (such as TCR repertoire analysis) on clinical samples. Important in vivo findings are then further investigated in vitro in order to understand molecular mechanisms. In parallel, mouse models are used to address particular research questions. The research technician will be involved in various ongoing projects and will be in charge of predefined experiments.

Tasks

- Cell culture and primary cell handling (e.g., PBMC isolation)
- Flow cytometry and cell sorting
- DNA and RNA extraction, (real-time) PCR, CRISPR-Cas9
- Product orders
- Laboratory organisation
Profile

✓ The candidate should have a bachelor or master’s degree in Biology, Biomedical sciences or similar fields
✓ Background in cellular and molecular biology is essential
✓ Experience in techniques such as DNA and RNA extraction, (real-time) PCR, CRISPR-Cas9, cell culture, flow cytometry is preferred
✓ Basic knowledge in English is essential
✓ French knowledge is advantageous
✓ The candidate should be able to work both independently and collaboratively in a team

Application

If you are interested in this position, please send your CV, motivation letter and one reference letter (if possible), (in English or French), to Maria Papadopoulou at maria.papadopoulou@ulb.be before November 15th, 2022.