

The institute of Pharmacology and Toxicology at the University of Veterinary Medicine Vienna is looking for a **highly motivated master student** to join the immunology/cancer biology research team and to investigate key pathways in **B-cell acute lymphoblastic leukemic (B-ALL)**.

B-ALL is the most common type of ALL and originates from immature B-cell lymphoblasts. A subset of B-ALL cases can be traced back to the BCR-ABL1 fusion protein which drives the disease. While BCR-ABL1 tyrosine-kinase inhibitors have been a major breakthrough in targeted cancer therapy, resistance mechanisms remain a challenge. We generated different tools to study BCR-ABL1+ leukemia and investigate signaling pathways in the leukemic cells to explore possible vulnerabilities.

The successful applicant will join a dynamic **multidisciplinary laboratory** that is performing top-level cancer research. The project involves work with primary cell culture, biochemical assays, flow cytometry and *in vivo* mouse models.

Candidate Profile:

- BSc Degree in Biology, Molecular Biology, Biotechnology, Biomedicine or a related subject
- Basic knowledge in immunology and tumor biology
- Experience with sterile cell culture work
- Fluent in English
- Previous experience with mouse work is beneficial

Application Details:

If you are interested and would like to be part of our team, please send a cover letter and a curriculum vitae to jana.trifinopoulos@vetmeduni.ac.at

Project start date: May-June 2022

Financial support will be provided according to the guidelines of the FWF.