

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 research team and to investigate the role of **immune evasion strategies of triple negative breast cancer**.

Immune checkpoints are crucial regulators of immune cells - in particular, of cytotoxic T and Natural killer (NK) cells - guaranteeing controlled actions and preventing autoimmunity. Cancer growth and progression are associated with immune suppression and immune evasion. One of the evasion mechanisms of cancer cells is the ability to activate such immune checkpoints thereby preventing the cytotoxic ability of immune cells.

We generated a novel tool to study such evasion strategies of NK/ T cell control and to obtain insights into the immune suppressive traits of TNBC.

The successful applicant will join a dynamic **multidisciplinary laboratory** that is performing top-level cancer research. The project will be carried out under the supervision of an experienced post-doctoral researcher and 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 the immunology research team, please send a cover letter and a curriculum vitae to dagmar.gotthardt@vetmeduni.ac.at

Project start date: June- December 2020

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