

APEIRON Biologics is an innovative Biotech Company working in the fields of Immune-Oncology and Respiratory Diseases (COVID-19). Amongst other exciting projects we are working on small molecules to enhance the immune reaction against cancer. One of our targets in Immune-Oncology is the E3 Ubiquitin Ligase Cbl-b, which has been published to be a Master Immune-Checkpoint and is one of the most interesting targets in Immune-Oncology.

For our exciting project focusing on the development of a small molecule Cbl-b inhibitor we are looking for
an enthusiastic student (Diploma Thesis level)

to support us in our project for the period from 4 to 6 months.

Your project will focus on the development of novel reporter assays to study Cbl-b function in immune cells. This work will require the following methods:

- *Designing and Cloning of Reporter Constructs*
- *Producing Lentivirus for Transduction of Cell lines*
- *Generation of Clonal cell lines*
- *Development of robust reporter Assays in the field of T cell and B cell Biology*
- *Advanced Flow Cytometry and Data analysis*

In addition to the listed methods, routine laboratory assays can be learned and practised as well, including ELISA, CRISPR/CAS9, cell culture, enzymatic assays, etc.

We are looking for an enthusiastic, highly qualified student with some laboratory experience that is able to work diligently, analyse and report data independently, and is able and willing to work in a team of scientists. We would prefer students with a background in molecular biology and immunology since this project will focus on T cell and B cell biology and will require some basic understanding of Immunology.

We offer a great working environment, enthusiastic and nice colleagues, state of the art of equipment and the opportunity to combine both working in the biotech industry as well as performing an interesting scientific project. Our laboratory provides great support to learn novel methods and learn to perform, analyse, and document experiments independently.

Due to the nature of the work, this project is also suitable as a diploma thesis, should this be of interest to potential applicants. Payment depends on the kind of the contract.

Please send your applications to gerald.wirnsberger@apeiron-biologics.com

For more insights into Apeiron Biologics please go to www.apeiron-biologics.com

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Information on the handling of your personal data can be found at:

<https://www.apeiron-biologics.com/privacy-policy/>