

July 5th 2021

Master's Thesis: Gene editing in human primary cells and stem cells

Translational Immunology in Environmental Medicine associated to TUM School of Medicine and located at Helmholtz Zentrum München offers a master`s thesis in biology, biochemistry or comparable fields associated with ongoing projects involving the editing of human primary fibroblasts or induced pluripotent stem cells (iPSCs) via CRISPR based approaches.

The project will build upon on our recent publication (Eberherr et al. CRISPR Journal 2021) and aid to our ultimate research goal to cure STAT3-hyper-IgE syndrome (STAT3-HIES), which is a primary immunodeficiency that causes life threatening infections particularly of the lung.

You are a:

- master student in biology, biochemistry or a comparable field
- team player, motivated student and critical thinker

We offer:

- To work in a highly motivated young team under excellent supervision on a translational project with high clinical relevance
- Cutting edge and innovative science with the possibility of a co-authorship
- To consolidate your knowledge in techniques such as transfection of hard to transfect cells, quantitative PCR, western blot, flow cytometry, high-throughput sequencing and others depending on results.

Please send an application containing your motivation, laboratory experience, CV, Bachelor's certificate and transcript of records (Master) to:
andreas.eberherr@helmholtz-muenchen.de

We are looking forward to your application!

Kind regards,

Dr. Beate Hagl and Andreas Eberherr
and the whole team of Translational Immunology

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