

Carry out your own doctoral project!

– in Pediatric Hematology / Immunology / Oncology –
supervised by
Prof. Christoph Klein (LMU Munich)

Project description:

We are inviting applications for enthusiastic and talented doctoral candidates interested in cutting-edge translational science serving children with rare diseases of the blood and immune system. Our international laboratory maintains a global alliance of clinicians and scientists and elucidates the genetic etiology and pathomechanisms of genetic disorders (e.g. see Witzel M et al. Nat Gen 2017, Kotlarz D et al. Nat Gen 2018, Li Y et al. PNAS 2020, Fan Y et al. J Clin Invest 2022, Linder M et al. BLOOD 2022). This involves genomic sequencing as well as imaging and proteomic data analysis in close collaboration with data scientists. Of particular relevance is disease modelling in iPSC-derived organoids (e.g. IP-protected technology to differentiation bone fide bone marrow organoids) as well as molecular and cellular studies.

Keywords

Pediatric Hematology / Immunology / Oncology

Entry requirements

You are enthusiastic about developing and investigating an innovative research idea within the discipline of Prof. Christoph Klein.

You have a master's degree in a scientific or engineering subject with excellent grades.

Location

Dr. von Hauner Children's Hospital of Ludwig-Maximilians-University Munich

Starting date

Between August and December 2023

Funding

Four years of funding (3+1, three years with the possibility to extend for one year)

How to apply

Please apply via the HFA application portal: <https://hectorfellowacademy.applicationportal.org/home.html>

The Hector Fellows will arrange interviews (via skype or if feasible in-person) with the most promising applicants. The final candidates will be invited for an online presentation on June 22, 2023. The final decisions will be announced by August 2023.

Application Deadline

March 31, 2023

Enquiries

For further details about the project, please contact Hector Fellow Prof. Dr. Christoph Klein at:

Christoph.Klein@med.uni-muenchen.de

For questions related to your application, please have a look on the Hector Fellow Academy website

<https://hector-fellow-academy.de/en/> or contact the Hector Fellow Academy Office:
application@hector-fellow-academy.de

