LMU KLINIKUM

PostDoc in Drug Discovery / Neutrophil-driven Inflammation (m/f/d)

Kinderklinik und Kinderpoliklinik im Dr. von Haunerschen Kinderspital

The Hospital of the University of Munich, Germany, is one of the largest and most competitive university hospitals in Germany and Europe. 48 specialized hospitals, departments and institutions harbouring excellent research and education provide patient care at the highest medical level with around 12.000 employees.

WORKPLACE	Campus Innenstadt	DATE OF ENTRY	Next Possible Date
WORKING HOURS	Full time	APPLICATION DEADLINE	Swift
INSTITUTION	Kinderklinik und Kinderpoliklinik im Dr. von Haunerschen Kinderspital	REFERENCE NUMBER	2026-K-0415
DEPARTMENT	Research - Klein Lab at the CCRC & Gene Center LMU		

Scope of duties

As a PostDoc in the research group of Prof. Christoph Klein, you will join a translational research program with the option to take on a leadership role.

You will be involved in a first-in-class drug discovery project aimed at selectively modulating neutrophil-driven inflammation. Your work will cover the differentiation and functional characterization of iPSC-derived neutrophils, the establishment and execution of biochemical and cellular screening assays, as well as multi-omics profiling (transcriptomics, proteomics, metabolomics) in collaboration with our academic and industrial partners.

You will help plan and coordinate ongoing experiments, prepare scientific data for publication and grant applications, and support the scientific supervision of junior researchers.

Our requirements

- Completed PhD in Biology, Biochemistry, Biotechnology, Pharmacology or a comparable field
- Solid experience in the following areas:
- Molecular biology and cell biology techniques
- iPSC cultivation and/or differentiation into immune cell types
- Establishment and execution of biochemical, cellular or high-throughput screening assays
- Experience with in vitro or in vivo functional assays and multi-omics data analysis is an advantage
- The ability to work independently, as well as in an interdisciplinary and international team
- A structured, meticulous and solution-oriented working style
- Excellent English skills; German skills are an advantage

Our offer

- The position is initially funded for two years . Subject to a positive scientific re-evaluation, an extension is possible
- An innovative and challenging position within the research group of Prof. Christoph Klein, operating at the interface of translational immunotherapy, stem cell biology and precision medicine.
- An international and interdisciplinary research environment, supported by close collaboration with academic and industrial partners within an established research network
- Close collaboration with basic scientists, bioinformaticians and clinician scientists on two complementary translational projects
- A collaborative, supportive and inspiring working environment that encourages scientific independence
- Employment according to the German public-sector collective agreement (TV-L), including annual leave and additional benefits in accordance with the applicable regulations

Offers and services of the employer

- Further education and training
- Company pension scheme
- Childcare services
- Mobile work (if suitable)
- Job ticket
- Discounts
- Staff accommodation (if available)

Mr. Dr. Nickels, Philipp

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Application format

Please use the Online-Form for your application

http://www.lmu-klinikum.de/acbeac5c18a5d09c

Disabled persons will be preferentially considered in case of equal qualification. Presentation costs cannot be refunded.

Please note that we cannot reimburse travel expenses incurred through interviews.

We ask you for your understanding that postal applications will not be returned, but will be destroyed in accordance with data protection regulations. The data usage information also applies to postal applications