

Postdoctoral Researcher – Pediatric Lung Diseases (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 11.000 employees.

WORKPLACE	Campus Innenstadt	DATE OF ENTRY	01.09.2025
WORKING HOURS	Full time	APPLICATION DEADLINE	01.11.2025
INSTITUTION	Kinderklinik und Kinderpoliklinik im Dr. von Haunerschen Kinderspital	REFERENCE NUMBER	2025-K-0293
DEPARTMENT	Pediatric Pulmonology		

Scope of duties

We are a multidisciplinary research group investigating rare, monogenic childhood interstitial lung diseases (chILD). The foundation of our work is the European-wide [chILD-EU registry](#), where we follow more than 1000 patients with severe, mostly unexplained lung disease. Mostly starting with genomic studies, we are aiming to link patient genotype to the observed clinical phenotype via functional studies. To this end, we focus on induced pluripotent stem cell (iPSC) models and primary patient cells, but no animal studies. We are offering a 2-year postdoc contract to investigate the role of certain genetic alterations in the pulmonary vasculature using iPSC-derived blood vessel organoids.

Our requirements

- A high level of motivation and genuine curiosity to explore complex biological mechanisms
- Strong commitment to scientific integrity, transparency, and reproducibility
- A keen interest in rare disease research and translational science
- Prior experience with iPSC culture and differentiation is highly desirable
- Ability to work both independently and collaboratively in a multidisciplinary research environment, including mentoring PhD and MD students

Our offer

- **State-of-the-art facilities:** You will have access to modern laboratory infrastructure, including advanced imaging platforms, flow cytometry, and genomics.
- **Comprehensive training and mentorship:** You will receive close scientific supervision and mentorship from experienced researchers, along with tailored training in experimental techniques, data analysis, and scientific communication.
- **Career development opportunities:** You will have the opportunity to participate in workshops, conferences, and seminars designed to strengthen your professional and academic skills.
- **International and collaborative atmosphere:** You will work in the highly collaborative and international environment of the Comprehensive Childhood Research Center (CCRC) in the heart of Munich, with opportunities to engage in joint projects.
- **Competitive remuneration:** Salary is based on the Collective Agreement for the Public Sector of the Länder (TV-L), including all customary allowances applicable in the public sector.

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)

Herr PD Dr. Gothe, Florian

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Application format

Please use the Online-Form for your application

<http://www.lmu-klinikum.de/ce6a75e465e1f88f>

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