

# Postdoctoral Position for a Cell Biology Research Project (m/f/d)

Institut für Prophylaxe und Epidemiologie der Kreislaufkrankheiten

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 Großhadern	DATE OF ENTRY	Next Possible Date
WORKING HOURS	Full time	APPLICATION DEADLINE	Swift
INSTITUTION	Institut für Prophylaxe und Epidemiologie der Kreislaufkrankheiten	REFERENCE NUMBER	2026-K-0148
DEPARTMENT	Ries Lab		

## Scope of duties

Our research projects focus on the molecular pathomechanisms that lead to impaired wound healing and tissue regeneration following exposure of the skin to the chemical warfare agent sulfur mustard (SM). Own recent studies demonstrate a key role of endogenous microRNAs in the pathophysiology of SM-induced skin damage.

The aim of this project funded by the German Armed Forces (Bundeswehr) is to investigate the role of extracellular vesicles, such as exosomes, which are released by cells and subsequently re-taken up, with regard to the microRNAs they transport for communication and therapy of skin cells. To this end, cell biological and molecular analyses on primary cells, such as human primary keratinocytes and mesenchymal stem cells, are planned.

Our laboratory is equipped with a comprehensive range of methodological and technical resources for this purpose, including an in vivo cell analyzer (Sartorius Incucyte S3) and a flow cytometer (Miltenyi MACSQuant 16).

## Our requirements


- Candidates must hold a Ph.D. in biology, biochemistry, or a related field and have extensive experience with standard methods in cell biology—particularly flow cytometry—as well as molecular biology and protein chemistry.
- We expect candidates to work reliably and independently and to interact in a friendly and cooperative manner with our staff as well as with our partners at the German Armed Forces.

## Our offer


- The work will be carried out at the IPEK campus in Großhadern (Max-Lebsche-Platz 30) in the research group led by [Prof. Christian Ries](#).
- We offer extensive experience in the field, excellent infrastructure, and a friendly, supportive work environment.
- The contract term is 3 years.
- Remuneration is based on the Collective Agreement for the Public Sector of the Länder (TV-L) including all allowances customary 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)

Mr. Prof. Dr. Ries, Christian

## Application format

Please use the Online-Form for your application

<http://www.lmu-klinikum.de/5c545006a13dd284>

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