



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 approximately 10.000 employees.

The **Institute for Cardiovascular Prevention** search one

Postdoc Position (m/w/d)

Area of responsibility

Local immunomodulation of atherosclerosis by CD8+ T-cell based nanomedicines.

A Postdoc position is available to study native and liposome conjugated CD8+ T-cells and their interactions with foam cells and other atherosclerotic structures in both human and murine experimental models of atherosclerosis. The latter will be conducted by application of state-of-the-art imaging technology such as optoacoustic mesoscopy, optical nanoscopy, and multi-photon microscopy for studying novel experimental models.

The project is part of a european research network (ERA-CVD) and combined with work programs of the consortium partners in Leiden (NL) and Ghent (BE) may ultimately lead to new protective pathways and therapeutic intervention strategies for treatment of atherosclerosis.

Our requirements

Eligible candidates should be a highly motivated team player. A strong affinity with advanced imaging technology is a prerequisite as well as experience with immunological and molecular biological techniques. Solid English skills, both written and spoken are a requirement, German language skills would be advantageous. The successful candidate should be independent and hold an above-average PhD degree in biology, biomedical sciences, or related fields. The Postdoc will be part of the institute for cardiovascular prevention (IPEK) at the LMU in Munich, Germany (<http://www.klinikum.uni-muenchen.de/Institut-fuer-Prophylaxe-und-Epidemiologie-der-Kreislaufkrankheiten/de/0600-Institute/index.html>).

Our offer

The applicant will work in a group of experienced staff, PhD students, postdocs and technicians with excellent infrastructure and scientific skills. Moreover, the applicant will be able to further expand its network and become member of an international research project. Interested candidates should submit their electronic application (including motivation letter, CV, publication list and references) to:

Remco Megens, email: Remco.megens@med.uni-muenchen.de

Applications from severely handicapped persons with basically similar qualification will be given priority. Salary will be according to TV-L; The position is funded for up to 30 months.

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Institut für Prophylaxe und Epidemiologie der Kreislaufkrankheiten
Pettenkoferstr. 9
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