Job posting

Type of position
☒ scientific
☐ administrative

Target group
☐ graduates
☐ post docs
☒ other

Title
PhD student (m/f/d)

Institution
The German Heart Center of the Free State of Bavaria associated to the Technical University of Munich is a clinic with international reputation and a state of the art technical and medical equipment. The Laboratory of cardiovascular inflammation at the Department of Cardiology is seeking a PhD student (m/f/d)

Position
Our offer
• An employment contract initially limited to three years with longer-term prospects
• Remuneration according to TV-L E13 (65%) (incl. annual bonus)
• Attractive employer offers (e.g. sports programme, staff restaurant, staff sales in the hospital pharmacy)

Responsibilities
The project aims to screen and validate potential therapeutic gene targets from findings of population genetic studies in large human cohorts including genome- and transcriptome-wide association studies (GWAS and TWAS). The screening will be conducted in cell lines or human induced pluripotent stem cell (hiPSC)-derived cells by advanced genome editing methods, such as CRISPR-based gene knockout, transcriptional activation, and direct-capture Perturb-seq. The validation and therapeutic evaluation will be performed in an atherosclerosis mouse model.

Requirements
• An excellent command of cell culture and handling of experimental mouse model, in addition to standard molecular biology
• Strong interest in cardiovascular research
• Accuracy and reliability, initiative, organizational skills and a high sense of responsibility
• Very good written and spoken English
• High level of communication skills
• Ability to work in a team
Application procedure (deadline etc.)

• Cover letter describing your research interest and why you are suitable for the position (maximum 1 page)
• CV including a list of relevant publications
• Copy of the official academic transcript of your degree or a letter stating when your degree will be obtained
• Names, e-mail addresses, and telephone numbers for academic references/recommendation letters

Contact

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Please send us your application until December 12th, 2022 by E-Mail to: career@dhm.mhn.de
Interview expenses will not be reimbursed.