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 Department of Cardiovascular Diseases is seeking a

**Bioinformatics PhD (m/f)**
*(doctoral candidate)*

Extend our German Heart Center research team and enhance the scientific knowledge in the field of Coronary Artery Disease (CAD). We are part of different consortia with prestigious academic partner sites. Our scientific goal is to improve the understanding of atherosclerosis. Atherosclerosis is the main risk factor for myocardial infarction and stroke. We are looking forward to a responsibly acting person willing to learn and adapt to a highly dynamic and agile research environment.

**Major Tasks:**
- Development and implementation of novel bioinformatics methods
- Programming and analyzing bioinformatics data with basic knowledge in Python, R and Java. Apply analytical and bioinformatics tools
- Integration, transformation and quality control of datasets. Carrying out statistical tests derived from medical, genetic and clinical research
- Learn to analyze different kinds of NGS/OMICs data
- You will work in an international, team-oriented, academically interconnected environment (we offer the opportunity to also learn from our national and international partner sites)

**Key requirements:**
- Studies of bioinformatics, biosciences, informatics or a comparable discipline
- Interest/knowledge in developing software and using bioinformatics tools, including such for analyzing and interpretation of high throughput data
- Interest/knowledge in data management and in sequencing
- Knowledge in genetics and systems biology is highly appreciated
- Statistical knowledge
- Ability to write and speak English well is a must, knowledge of German would be advantageous

**Our offer:**
We offer excellent possibilities for your professional development. The payment will be according to TV-L. The position is full time and initially limited to two years. Besides subsidized public transport we offer attractive sport programs, access to the water sports spot at lake Starnberg, use of our day care center and much more.

The German Heart Center Munich promotes professional equality between women and men and provides the same employment opportunity for severely disabled people in case of equal qualifications.

**Contacts:**
- Dr. von Scheidt, Department of Cardiovascular Diseases, telephone +49 89 1218 2849
- Thomas Schmid, Head of Recruiting/HR, telephone +49 89 1218 1734

Please send us your **application until January 31th, 2019** by E-Mail to: career@dhm.mhn.de
Interview expenses will not be reimbursed.

Deutsches Herzzentrum München, Personalverwaltung, Lazarettstraße 36, 80636 München, Bewerbung@dhm.mhn.de