We are the biggest university medical centre in northern Germany and the only maximum-care hospital in Schleswig-Holstein. With more than 10,000 employees we are also one of the biggest employers in Schleswig-Holstein. We provide everything that modern medical care has to offer as well as university research and training together with the universities both in Kiel and in Lübeck.

We are inviting applications from highly motivated Master and Diploma graduates in

**statistics, mathematics, computer science, (bio-)informatics**

interested in interdisciplinary research for a

**doctoral researcher position**

within the **DFG Research Training Group Genes, Environment and Inflammation**

at Kiel University, Institute of Medical Informatics and Statistics, **starting as soon as possible**, for a fixed term of initially 2 years (which may be extended).

The DFG Research Training Group *Genes, Environment and Inflammation* is involved in cutting-edge research of the environmental impact on pathophysiological processes of complex chronic inflammatory diseases. This statistical genetics subproject will investigate the validity and power of statistical tests to identify gene-environment interactions in specific study designs and missing-data situations. Analysis of real data sets from collaborating researchers will complement the methodologic research.

The candidate is expected to have a strong statistical background. Solid programming experience (in R, Python or another language), communication skills and the ability to work as a team player are further requirements for this position. Basic knowledge of genetics or molecular biology would be preferable.

As a doctoral student of the DFG Research Training Group *Genes, Environment and Inflammation*, you will be integrated into the Cluster of Excellence *Inflammation at Interfaces*, which brings together scientists and clinicians from multiple disciplines. You will find an exceptional research infrastructure that allows the latest state-of-the-art research. Participation in scientific meetings and retreats, research visits abroad, soft skill courses and tutorials, will complement your PhD training in the DFG Research Training Group. The salary for the position will be **65% of a full position on TV-L 13**.

The surroundings of Kiel - located directly at the Baltic Sea – offer a bundle of opportunities for water sports and other recreational activities after intense research.

To apply, please send your application (incl. motivation letter with contact details of two academic referees, CV, academic certificates) until **31 March, 2017** Professor Astrid Dempfle ([dempfle@medinfo.uni-kiel.de](mailto:dempfle@medinfo.uni-kiel.de)). For more information see [www.genes-environment-inflammation.de](http://www.genes-environment-inflammation.de) or contact Professor Dempfle or the coordinator, Ms Eike Zell ([e.zell@ikmb.uni-kiel.de](mailto:e.zell@ikmb.uni-kiel.de)).

Women are explicitly invited to apply. Handicapped applicants will be considered with preference in case of equal qualification. Special measures to ensure time for family responsibilities may be provided.