



Scientist (Postdoc) as Medical Scientist with focus on metabolic MRI (MR spectroscopy, CEST)

(f/m/x)

with great interest in translational cancer research for initially 3 years / Call No.: 74-2021

The **Mildred Scheel Career Center** (Mildred-Scheel-Nachwuchszentrum, MSNZ) Frankfurt is a joint institution of the Faculty of Medicine of the Goethe University, the University Hospital Frankfurt, the University Cancer Center (UCT) Frankfurt and the Frankfurt Cancer Institute (FCI). The MSNZ Frankfurt is one of five sites in Germany funded by the German Cancer Aid within the frame of the research program "Mildred-Scheel-Nachwuchszentren". The MSNZ offers an excellence program for Medical Scientists (scientists with a life science background or physicians working exclusively in science) aiming at a long-term perspective in university medicine with high scientific expectations. The MSNZ funds are intended to be used for the own position and for the own scientific projects to support the development into an independent group leader. More information can be found at www.msnz-frankfurt.com.

The position is offered together with the Institute of Neuroradiology (Prof. Dr. Elke Hattingen, Dr. Ulrich Pilatus) in close collaboration with the Brain Imaging Center (BIC) of the Goethe University for a research project on "in vivo metabolomics in cancer research".

Project description:

In a joint approach of the Brain Imaging Center (BIC) of the Goethe University Frankfurt and the Institute of Neuroradiology the project will focus on the development and continuous improvement of MR, especially on metabolic (first of all MRS, CEST) imaging technologies, which significantly contribute to advances in cancer diagnostics and research within the framework of the FCI research program.

We expect

- University degree in medicine or life science or physics and PhD or MD or MD-PhD with outstanding scientific credentials and postdoc experience
- Publications in high-ranking international scientific journals
- Expertise in cancer research and/or MR (especially MRS) imaging technologies
- A competitive research proposal within the outlined project
- Strong interest in promoting your scientific qualifications and developing into an independent group leader
- Broad experience in the management of scientific projects
- High level of motivation and communication skills
- Governmental regulations require a valid proof of measles immunity or vaccination

We offer

- Development of an own scientific profile
- Integration into the FCI, the UCT and the DKTK
- Access to scientific infrastructure including two 3T MR scanners dedicated for research at the BIC
- Support in methodological developments by the core structure of the BIC
- Excellent basic research linked to translational and clinical aspects
- Opportunity for a research stay at a national or international research institution
- Participation in further training and qualification programs of the MSNZ

- A diverse and challenging task in an outstanding scientific and international environment
- The „Uni-Strolche“ – our day nursery (reserved places for MSNZ personnel)
- Part-time possibilities (the position is divisible)

Are you interested?

We are looking forward to your application! Further information on the FCI and its research program can be found at <http://fci.health>. An overview of the MSNZ is available at www.msnz-frankfurt.com. More information on the Institute of Neuroradiology can be found [here](#), additional information on the Brain Imaging Center (BIC) is available at https://www.uni-frankfurt.de/50884672/Brain_Imaging_Center. For question on the Institute of Neuroradiology please contact Prof. Dr. Elke Hattingen (phone: +49 69 6301-5463). For more information on the Brain Imaging Center please contact Dr. Ulrich Pilatus (phone: +49 69 6301-83822).

For further information on the Mildred Scheel Career Center, please contact Prof. Christian Brandts (phone: + 49 69 6301-87334) or Dr. Tinka Haydn (phone: +49 69 6301-7251, email: msnz@kqu.de).

Please use the [application form](#) only for your application and, stating the reference number, submit your request together with a letter of motivation electronically by **March 31, 2021** via the [career portal](#) (details at www.msnz-frankfurt.com).

Women are underrepresented in these positions at the University Hospital Frankfurt. Therefore, we highly appreciate applications of women. Applicants with disabilities will be preferred if personal and professional skills are the same.

Universitätsklinikum Frankfurt | Recruiting-Team | Theodor-Stern-Kai 7 | 60590 Frankfurt am Main | bewerbung@kqu.de oder [Bewerbungsformular](#) (Bitte berücksichtigen Sie, dass wir Bewerbungsunterlagen nicht zurücksenden). | Folgen Sie uns auf [Instagram](#) (@ukf_karriere); [XING](#), [LinkedIn](#).

