



PhD student in life sciences or biotechnology (m/f/d)

The Institute for Tumor Biology and Experimental Therapy, Georg-Speyer-Haus in Frankfurt am Main is an academic non-profit research institute supported by the Federal Ministry of Health and the Ministry for Sciences and Arts of the State of Hessen. The institute is dedicated to basic and translational cancer research in the context of the tumor microenvironment and closely cooperates with the Goethe University Frankfurt and the Frankfurt University Hospital. It provides access to a broad variety of core facilities and an excellent scientific environment.

At the LOEWE Center Frankfurt Cancer Institute (FCI) interdisciplinary teams collaborate to elucidate molecular mechanisms of tumor pathogenesis and therapy response to develop innovative targeted therapies.

Currently, we are recruiting a **PhD Student** (TV-H E13, 65%) to study the role of the microbiome in patients with Gastrointestinal Cancers within the FCI Clinical Translation Program "Gastrointestinal Tumors" in the group of PD Dr. Melek Canan Arkan at the Institute for Tumor Biology and Experimental Therapy, Georg-Speyer-Haus.

Read more about the research area of [PD Dr. Melek Canan Arkan on our website.](#)

Project description

In a joint research effort between the Department of Radio-Oncology at the University Hospital of the Goethe University Frankfurt and the Institute for Tumor Biology and Experimental Therapy, Georg-Speyer-Haus, this project will focus on identifying and targeting host-microbiome interactions in GI-Cancers, which will significantly contribute to the translational research within the framework of the FCI Clinical Translation Program "Gastrointestinal Tumors". Candidates with a keen interest to become a member of a vibrant and interdisciplinary team and to work in translational cancer research as well as in learning and applying state-of-the-art technologies that will involve application and integration of multiple omics techniques, immunohistochemistry and tissue engineering to facilitate the development of individual-based therapies are welcome to apply.

We expect

- BSc. or MSc. degree in life sciences or biotechnology
- Previous expertise in cancer or microbiome research or tissue engineering
- High level of motivation, communication and learning skills
- Ability to work in a team

We offer

- An excellent basic research linked to translational aspects
- A strong interdisciplinary team
- Development of a scientific profile
- Integration into structures at the FCI
- Participation in further training and qualification programs
- Access to scientific infrastructure
- Support in methodological developments and full guidance
- An outstanding international scientific environment
- Friendly and a sincere atmosphere with our team of scientists
- Flexible working hours as part of the good work-and-family life balance



- A motivating environment for co-involvement in scientific projects and publications
- A salary in accordance with the agreement for the public service of the state of Hesse (E13, 65%) with all the usual social benefits, which is available for 3 years with the option for extension

Applications should be submitted electronically to bewerbung@georg-speyer-haus.de with a letter of interest, CV, publication list, names of three references and certificates.

For further information please [contact PD Dr. Melek Canan Arkan](#).

Our international working environment promotes equal opportunities for all staff regardless of gender, age, cultural background, nationality or impairments under criteria of scientific excellence. Applications from women are explicitly welcome. Disabled individuals will be preferred in case of equal qualification.

For Information about the Georg-Speyer-Haus please visit our [homepage](#). For more information about the FCI please visit our [FCI](#) homepage.



LOEWE

Exzellente Forschung für
Hessens Zukunft



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