

Staff Scientist FCI Organoid Biobank (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.

The Frankfurt Cancer Institute (FCI) is a recently extended LOEWE Center where interdisciplinary teams work together to elucidate molecular mechanisms of tumor pathogenesis and therapy response to develop innovative targeted therapies. Research within FCI programs is substantially dependent on central technology platforms to ensure a smooth and reproducible workflow.

We are seeking for a highly motivated **Staff Scientist** who will be become a part of the research team headed by Dr. Henner Farin at the Georg-Speyer-Haus, Institute for Tumor Biology and Experimental Therapy. Read more: [Farin research](#)

Project description

The Staff Scientist will be responsible for the operation and further development of the FCI Organoid Biobank. This technology platform is dedicated for generation of innovative tumor cell models from clinical samples of different tumor entities. For a recent publication please refer to PMID: 37489084).

Tasks include:

- 3D cell culture and molecular characterization (ngs) and supervision of technical staff
- Individual project support for FCI researchers
- Pilot experiments for optimization of biobank workflows
- Bioinformatic data analysis and visualization for own or collaborative publications

Read more: [Biobank](#)

We expect

The staff scientist is expected to engage in a multidisciplinary team and needs to bring good team communication skills. In addition, a strong expertise in 3D organoid culture and theoretical background in tumor cell biology are required. The staff scientist will closely interact with the group of Dr. Henner Farin, that studies the tumor microenvironment of colorectal cancers. Patient derived organoids are combined with stromal cells to recreate a tissue-like context. For identification of therapeutic targets, genetic and pharmacologic perturbation experiments (CRISPR/Cas9 and drug library screens) and multi-omics analyses are performed. The international team is part of several collaborative programs including DKTK, EUbOPEN (EU/IMI2) and FOR2438 (DFG). Expected qualifications:

- Ph.D. and/or MD/Ph.D.
- Evidence of relevant first or senior-author peer-reviewed publications
- Excellent communication skills and evidence of successful project development and supervision of scientific and technical staff
- Proficiency in database management and bioinformatic analyses



We offer

- An interesting and autonomous field of responsibilities and attractive career development possibilities.
- The position is initially limited for 2 years. An extension is planned.
- The salary is according to TV-H with all social benefits of the public service.
- As part of the work-life balance, we offer you a great variety of opportunities, such as flexible working hours and help with balancing your career and family.

Interested?

Applications should be submitted electronically as one pdf file (max. 20 MB) to bewerbung@georg-speyer-haus.de with a letter of interest, CV, publication list, names of three references and certificates.

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.



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Hessens Zukunft



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