

At the Department of Physics, Institute of Biophysics, Goethe University Frankfurt am Main, a position is available in the research group of Prof. Dr. Achilleas Frangakis at the Buchmann Institute for Molecular Life Sciences, starting on **March 1, 2027**, as

Research Associate / PhD Candidate (m/f/d)

E 13 TV-G-U, 65% part-time

The position is limited for three years.

As part of the **DFG Research Training Group iMOL (GRK 2566) at Goethe University Frankfurt**, we are looking for creative and highly motivated candidates. iMOL connects advanced imaging with molecular life sciences. The doctoral program trains outstanding young researchers in cutting-edge microscopy and AI-driven image analysis, enabling them to investigate the principles of life across different spatial and temporal scales.

Your responsibilities

- Preparation of medical and biological samples
- Preparation and application of next-generation microscopy techniques
- Computer-assisted acquisition and analysis of multidimensional imaging data
- Visualization of biological and medical samples
- Presentation and publication of research findings

Your profile

You hold a completed university degree (Master's, Diploma, or State Examination) in Chemistry, Biochemistry, Biophysics, Physics, Molecular Biology, Medicine, or a related field and have a strong interest in microscopy.

Experience in one or more of the following areas is an advantage:

- Working with cells and organisms
- Light and electron microscopy
- Image processing, computer-assisted image analysis, and data evaluation

We are looking for candidates with an interest in technology and innovative imaging methods, an independent and structured approach to work, and enthusiasm for interdisciplinary collaboration. Good English language skills are an advantage due to our international research environment.

We offer

- An international and interdisciplinary research environment
- Access to state-of-the-art cryo-electron microscopy and computational image analysis
- Direct scientific exchange
- Freedom to develop your own scientific ideas and work independently
- Opportunities to attend national and international conferences
- Excellent opportunities for further scientific training and professional development, including a PhD

Interested? We look forward to receiving your application!

Please submit your application documents (cover letter, detailed CV, academic transcripts, and a description of your research interests and motivation) as a **single PDF file** by **November 15, 2026**, via email to:

Prof. Dr. Achilleas Frangakis
office.frangakis@biophysik.org

For further information, please visit:
<https://imol.uni-frankfurt.de/apply/>