

PhD student (m/f)

Biochemistry, Biology, Chemistry, Pharmaceutical Sciences, Molecular Medicine (or similar disciplines)

Novel and highly dynamic multianalyte assays for an improved wound management in the clinic

Your task

In a DFG-funded project, you work on a new class of biomolecule detection methods. The project aims at the simultaneous detection of nucleic acids and proteins in one go. This innovative approach of the highly dynamic multianalyte assay will be characterized, transferred to a point-of-care platform and subsequently it will be applied for the analysis of patient samples in order to improve wound management in the clinic. The work will be conducted in close collaboration with the University Hospital Frankfurt.

Your profile

- You are interested in the research for novel biomolecule detection methods which can be used for diagnostic purposes, in drug development or for food safety
- You have already knowledge in the area of bioanalytical methods like immunoassays or nucleic acid analysis
- You work structured, proactive and target-oriented
- Open communication and team spirit are absolutely necessary
- (Beneficial is) experience in: Interactions between different classes of biomolecules, computer-based data evaluation, diagnostic test development

The position

- Excellent working conditions in an interdisciplinary working group with a nice atmosphere
- The position is initially limited to 2 years with the possibility of extension (100% TV-L 13)
- Working language is English or German
- Starting date is flexible

Feel free to contact us for more information or visit: www.imtek.de/laboratories/mems-applications.

We look forward to receiving your application via e-mail:

Dr. Susanna Fröh

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