



**The Department of Microsystems Engineering (IMTEK) at the University of Freiburg is looking for a**

## **PostDoc (f/m)**

**for**

# **Microfluidic Technologies for Plant Biotechnology**

**within the group of "Microfluidic and Biological Engineering".**

Within the project, the candidate will work on the implementation of a new analytical platform for living a living plant organism. His/her task will include the microfluidic chip design and production within the clean room, cell engineering techniques, build-up of an optical set up, computational analysis of images.

Successful candidates will have a master/diploma either in biophysics, chemistry, micro-engineering or related fields. Applicants need no experience in micro-engineering techniques, however a profound understanding of biological systems and biophysics. Experience in a programming language will be highly appreciated. Excellent communication skills and fluency in English are required (working language will be English). We further expect creativity in problem solving and integrative skills. Salary will be according to the appropriate civil service level TVöD (100 % position). Female applicants are particularly encouraged.

Please send your application (one pdf file containing a cover letter, CV indicating research experience, diploma/master document. Reference letter will only be needed on request) to: [matthias.meier@imtek.de](mailto:matthias.meier@imtek.de).

### **Contact**

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