

Million Molecules

Digital PCR beyond limits. Discover the Unseen.



About us.

PCR innovation is stagnating – that's where MillionMolecules steps in to take a leap forward. What began as research projects at the Hahn-Schickard Institute and IMTEK (University of Freiburg) has grown into a federally funded EXIST startup. Our interdisciplinary team of six brings together expertise in hardware/software, mechanical engineering, biotechnology, economics, and a good mix of humor. Whether it's for cancer diagnostics, the next pandemic or simply the love for innovating - we're developing a next generation digital PCR (dPCR) system, enabling the precise quantification of DNA, RNA and proteins.



Join a young startup in the health tech and biotechnology sector as HiWi (m/f/d) for microfluidics

We are looking for talented students interested in a HiWi / internship position. We have several positions and a range of topics to offer, including the possibility to turn the work into a Bachelor or Master thesis.

Your tasks

Our tasks cover a wide range of disciplines and you can choose from several topics and areas of engineering based on your interest:

- Development and testing of centrifugal microfluidic devices
- Characterization of microfluidic chips via confocal microscopy
- Building and programming of hardware prototypes of optical and temperature control setups

The position is initially limited to 6 months.

What we offer

- A young and interdisciplinary team with startup spirit
- Good familiarization with the subject area by motivated supervisors
- Implementation of the learned knowledge from theory into practice
- Flexible working hours
- Travel allowance when using public transportation (e.g. Semesterticket or Deutschland-Ticket)

Your profile

- University studies in a STEM subject (MST, ESE, SSE or similar)
- Interest in interdisciplinary work and subject areas in the field of nano- & biotechnology
- Experience with CAD (SolidWorks), microscopy and/or course work in microfluidics is a bonus
- Attention to detail and good documentation skills
- You should have good English or German skills

Your application

If you are interested, please send your **full application in one PDF-file** (Cover letter/CV/reports/transcript of records) to the following contact:

Dr. Fabian Lickert

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