

Biophysical Instrument Designer (m/f/d)

Position overview:

Molecular Machines and Industries (MMI) is an international company with establishments in Germany, North America and Asia. Our customers are pharmaceutical companies, clinics and research institutes in more than 80 countries. We are specialized in microscope-based single cell isolation technologies for medical diagnostics, and we are seeking to immediately recruit a **biophysical instruments designer (m/f/d)** to join our dynamic team in Eching/Munich.

Your responsibilities:

The successful candidate will continuously improve our CellTools single cell isolation platform. They will design and integrate new hardware, improving performance and adding new features while keeping the high level of user friendliness and ease of use.

Job description:

- Conceptual design of new hardware components, including optics, mechanics, electronics and software
- Development, implementation and verification of the designed components
- Realization of hardware control in the framework of our established hardware abstraction layer
- Building the structures to integrate new features
- Designing intuitive user interfaces smoothly integrating into the MMI CellTools software
- Realizing new and unique customer benefits

Knowledge / skills / abilities:

- Experience in optomechanical and electronic designs
- Experience in object-oriented programming with C++
- Self-motivated, ambitious, flexible and persistent
- Degree in technical studies (FH/TH), e.g. bioinformatics, physics or equivalent
- Microscopic imaging and image processing skills would be appreciated
- Fluency in English, German language skills desired

We offer:

- Contribute to meaningful projects for new disease diagnostics technologies
- A highly competitive remuneration package
- Become a member of a pioneering and highly motivated team
- A modern, innovative and successful company at the leading edge of technology

We offer a competitive remuneration package. Start date: immediately or as per agreement.

Conditions: full-time

Are you interested? Do not hesitate to send your full resume to jobs@molecular-machines.com

We are looking forward to hearing from you.