

aquila biolabs GmbH is a German sensor technology developer of smart sensors and state-of-the-art data analytics software for bioprocessing applications. As a subsidiary of the life sciences tool provider Scientific Industries, Inc., aquila biolabs aims to take the guesswork out of bioprocessing and pioneers digitally simplified bioprocessing by providing actionable insights from lab to production floor.

We currently have a vacancy for a

Biochemist (F/M/D)

in our Chemosensor Development team.

During your work as a biochemist at aquila biolabs, you will i.a.

- conceptualize and prototype new enzymatic chemosensors and sensing methods,
- develop and optimize various enzymatic cascades and sensing systems with analyte specific physical properties that can be sensed by chemosensors,
- develop, optimize and scale manufacturing and QC routines for enzymatic chemosensors.

Your skills should include:

- in-depth knowledge of protein chemistry, enzyme reaction kinetics and enzymatic sensing
- practical experience in development and optimization of enzymatic sensors,
- practical experience with development and optimization of embedding enzymes into gels or particles, protein crosslinking, protein immobilization, electron-transfer chains and cofactor recycling,
- practical experience with standard preparative, analytical and safety lab equipment, especially in the area of protein chemistry
- analytical and solution-oriented thinking and mindset,
- ability to work and learn autonomously and efficiently,
- ability and deep interest to work and perform research interdisciplinarily.

You should hold a scientific or engineering Master's or PhD degree, in the fields of biochemistry, biotechnology or molecular biology. Persons from other fields with suitable skillset and strong chemical background are encouraged to apply for this vacancy too.

If you want to join a young team of highly talented and motivated people as well as to enjoy flexible working times and locations while receiving an attractive salary package, then we look forward to getting to know you personally.

Interested persons may send their full applications to **info@aquila-biolabs.de**, including CV, graduation certificates, performance records and, if available, publication abstracts as well as job or project references. A letter of application is not required.

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