

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

## **Dye Chemist (F/M/D)**

in our Chemosensor Development team.

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

- conceptualize new chemosensors and sensing methods,
- prototype these chemosensors in our labs,
- develop and optimize various dyes with analyte specific physical properties for chemosensors,
- develop, optimize and scale manufacturing processes and QC routines for chemosensors.

Your skills should include:

- in-depth knowledge of organic chemistry, dye and metallo-organic complex chemistry and synthesis,
- in-depth knowledge of the physics of light-matter-interactions and their application for sensing
- practical experience in development and optimization of new dyes, dye functionalization and formulation, embedded dyes, crosslinking, coating and core-shell-nanoparticles,
- practical experience with standard preparative, analytical and safety lab equipment
- 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 organic and dye or metallo-organic complex chemistry. 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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