

## Master thesis

# Biophysical Analysis of Antibody Kinetics

DYNAMIC BIOSENSORS is a young biotech company based in Munich, Germany, and San Diego, California, focused on the development and marketing of novel technology for biophysics in the areas of molecular interaction analysis and drug discovery. The company's pioneering and award-winning switchSENSE technology is used in life science research in academic and industry laboratories. Beyond the science, Dynamic Biosensors is buzzing with ideas, nice people, and fueled by an entrepreneurial spirit.



We are offering a master thesis position for a highly qualified and motivated young researcher to join our team in Munich!

### Project Description

You will be part of an interdisciplinary R&D team (biophysics, biochemistry, molecular biology) and carry out the project under guidance of experienced switchSENSE users:

- Contribute to the development of novel biophysical assays and specialized switchSENSE workflows
- Plan, execute and analyze assays to quantify antibody interaction with biomarkers
- Develop cell-based applications for scientific customers in pharma and academia using the technology
- Compile and present scientific reports and publications

### Requirements

- Student of molecular biology, biochemistry, biophysics, biotechnology or similar
- Experience with cellular assays (FACS, imaging, or other) is required
- Experience with biophysical methods for molecular interaction analysis (SPR or other) are a plus
- Experiences with fluorescence-based methods (spectroscopy, energy transfer, imaging, ...) are a plus
- Motivation, enthusiasm and independent work style
- Great team spirit, having fun collaborating
- Excellent communication and presentation skills, fluent in English

### Contact

Please send your cover letter and CV as a single PDF document in English or German to [careers@dynamic-biosensors.com](mailto:careers@dynamic-biosensors.com) | [www.dynamic-biosensors.com](http://www.dynamic-biosensors.com)