

Fraunhofer Institute for Cell Therapy and Immunology, Branch Bioanalytics and Bioprocesses IZI-BB



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General Information

The Branch of Bioanalytics and Bioprocesses at the Fraunhofer Institute for Cell Therapy and Immunology IZI conducts its research with a focus on innovations in the fields of food and environmental analysis, diagnostics, drug development, and process engineering.

The interdepartmental combination of engineering expertise and biomedical and chemistry know-how is what sets the institute apart in the areas of sensor technology, biotechnology production methods and automation, as well as nano- and microsystems engineering. The resulting research and development offerings are geared, amongst others, towards biotechnology and pharmaceutical companies looking for components as well as integrated solutions for innovative product development along their value chain.

The Fraunhofer IZI-BB has been located in the Potsdam Science Park for 15 years. Until 2014, the branch with its interdisciplinary team belonged to the Fraunhofer IBMT and is now affiliated with the Fraunhofer IZI in Leipzig.

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Key facts

- > 100 employees - interdisciplinary team of natural scientists, engineers and technicians
- Four departments, one independent research group and one project group in Senftenberg
- National and international partnerships in academia and industry (30+ partners in > 15 countries worldwide)

CENTRAL RELATED INFRASTRUCTURE & RESOURCES

- Fully equipped S1 and S2 cell culture
- Molecular biology laboratories
- Sequencing facility
- Assay development facility
- Automation and miniaturization facility
- CCCryo biobank – unique collection of cryophilic algae

