

## Joint Lab – Joint Innovation

Joint Labs are cooperation spaces for the joint development of ideas by stakeholders from research and business. In an open atmosphere, methods can be exchanged, techniques tested and innovative solutions developed for scientific and technological follow-up projects. Joint Labs bundle competencies, create space for experimentation and accelerate innovation processes.

The Joint Lab BioF is being developed in the subproject Technology Campus of the Innovative University of Potsdam. It is an offer for the transfer of knowledge and technology of the Service Centre Function Integration and of Potsdam Transfer. In our Joint Lab BioF, the University of Potsdam, the Fraunhofer Institute for Cell Therapy and Immunology (Bioanalytics & Bioprocesses) and the Fraunhofer Institute for Applied Polymer Research IAP contribute their expertise, networks and experiences.

To the Technology Campus:



To the JointLab :



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Potsdam Transfer  
Innovative Hochschule Potsdam

# Joint Lab BioF

Biofunctional materials

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A cooperation with the participation of

**Innovative  
Hochschule**



**Fraunhofer**

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## Biofunctional materials

Biofunctional materials play a crucial role in biotechnology and health research. **Innovations** in these **fields** often occur at the borders of biology, biotechnology, chemistry and physics.

The Joint Lab BioF offers you a **comprehensive pool of expertise for the entire value-added chain of biofunctional materials**: from material development, via functionalization and processing to application in e.g. bioanalytical or diagnostic questions including data analysis. The focus is on the development of **new materials with integrated functions** as well as additional sensor concepts. These can be processed from basic technology development to final automation and miniaturization.

We are happy to work out your **individual innovation ideas** together with you in our **innovation workshops**.

*Get in touch with us!*

To the Innovation Workshop::



## Innovation workshop

### *Example of innovation project:* **Scientific Evaluation Studies for Incubation shake algorithms**

**Incubation shake algorithms** for cells are being developed together with a well-known family company. Validation studies are intended to determine the individual optimal shaking conditions for different cell types.

Subsequently, users can benefit from fully automated cell incubation systems in which only the cell line to be incubated is entered into the system manually or via QR code – the cells are then automatically kept under optimal conditions appropriate to the species. This significantly reduces personnel costs in research and development as well as sources of error.

## Our cooperation offer

### **We offer:**

Spectrum of expertise/ pool of **experts**  
Professional **laboratory equipment**  
Access to the **latest technologies**  
Locally- independent **innovation area**  
Partnership **cooperation**  
Individual **cooperation models**  
Tailor- made **innovation development**

### **You bring with:**

**Desire** for Innovation  
**Willingness** to exchange and, if necessary, already specific problems or needs

