



# Working Group Biobank

Patient-derived biomaterials are crucial for translational, application-oriented cancer research. The systematic collection, archiving and sharing of patient-derived biosamples is therefore essential within the Bavarian Center for Cancer Research.

**Speaker:** Prof. Dr. M. Trepel, Augsburg | Prof. Dr. B. Märkl, Augsburg

## Activities & Achievements

The availability of biomedical samples and associated data is an indispensable prerequisite for successful translational cancer research.

To implement a **well-functioning biobank network** within Bavaria, the Biobank Working Group meets regularly with biobank representatives from all BZKF sites. Here, we discuss solutions for complex processes.

Meetings frequently include members of other BZKF working groups and especially consider needs from BZKF study groups. Studies have shown that one third of non-reproducible experimental analyses are due to poor sample

quality. Therefore, our goal is to establish a **uniform quality standard** across all BZKF biobanks. Further aims are general essential guidelines on **data protection, data sharing,** and patient **consent forms.**

### Timeline – selected activities and achievements

2020	2021	2022	2023
Status of <b>basic equipment</b> at all BZKF biobanks	<b>Consensus paper</b> on equipment: basic equipment locally funded, cancer specific expansions by BZKF, 5-10% financed by external sources	Collaboration with <b>Bavarian pharma initiative:</b> biobank perspectives in <b>BZKF position paper</b>	Implementing <b>key performance indicators</b> at all BZKF biobanks
Availability of <b>ADT data:</b> patient data (oncology related) in future available within BZKF-wide IT solution	<b>SOP for sample processing:</b> GBA QM-manual as a central directive	<b>FFPE samples</b> from pathologies: submission form on confluence (decentralized BZKF core facility)	Perspective planning of use of same <b>material transfer agreement (MTA)</b> (GBA/MII) across all BZKF sites
	Perspective planning of same <b>broad consent</b> across all BZKF sites (version 1.7.2, MII)		Implementing <b>general rules of procedures and standard operating procedures (SOPs)</b> for study groups in order to use biobank services
	<b>Ethics committee vote:</b> application to local ethics committee, other BZKF ethics committees consent to first positive local vote		First joint <b>workshop</b> planned for September 2023 in Erlangen

## Long-term goals at all BZKF sites

- » Harmonizing and interlinking BZKF biobanks
- » Aligning the basic equipment of biobanks
- » Standardizing data and processes
- » Establishing a Bavarian-wide trust center
- » Implementing investigator-initiated studies involving biomaterials from BZKF biobanks
- » Offering BZKF biobank training programs
- » Establishing BZKF biobank outreach activities

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