

Arbeitsgruppe Biobanken

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.

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Concept & 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, while we 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	2024
Status of basic equipment at all BZKF biobanks	Consensus paper on equipment	Collaboration with Bavarian pharma initiative : biobank perspectives in BZKF position paper	Implementing key performance indicators at all BZKF biobanks	Establishing a standardized sample certificate (DIN EN ISO 20387) . Proposal submitted and funding requested in the last BZKF project call
Availability of ADT data : patient data (oncology related) in future available within BZKF-wide IT solution	SOP for sample processing : GBA QM-manual as a central directive	FFPE samples from pathologies: submission form on confluence	Perspective use of same material transfer agreement (MTA) (GBA/MII) across all BZKF sites	Biobanking checklist on BZKF funding portal for BZKF project proposals
	Perspective planning of same broad consent across all BZKF sites (version 1.7.2, MII)		Implementing general rules of procedures and standard operating procedures (SOPs) for study groups	Defining KPIs for <i>AG Biobanken</i>
	Ethics committee vote : BZKF ethics committees consent to first positive local vote		First joint workshop in September 2023 in Erlangen	

Long-term goals

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

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