NCT Biobank

INFORMATION FOR SCIENTISTS AND PHYSICIANS

Portrait and Mission

The NCT Biobank (composed of the NCT Tissue Bank and NCT Liquid Bank) is a central resource and technology platform to provide access to high-quality human biosamples. It is supported by Heidelberg University Hospital and the German Cancer Research Center to support translational medical research projects on site. The NCT Biobank is a member of the BioMaterialBank Heidelberg (BMBH) and the German Biobank Alliance (GBA) to promote biobanking-related topics at national and international levels.

What we stand for:

Broad variety of tissue and liquid samples

High-quality samples and clinical data

Services customized according to YOUR needs

Transparency and sustainability

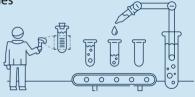


Services

We offer the following services:

Basic services (sample collection)

- > Registration and pseudonymization
- Pathological-anatomical examination of tissue samples^{∗∗}
- ➢ Aliquotation of samples in 2D barcoded tubes according to customer needs
- Storage at -80 °C under monitored conditions
- ➢ Picking and supply of samples
- > Shipping of biosamples



Management services

- Standardized application process and MTA***
- Documentation and data management
- Development of workflows and logistics
- Support with ethics approval and grant writing
- > Study planning and cost calculation
- ➢ Biobank-specific training measures



- * QC = Quality control
- ** Accredited services according to DIN EN ISO/IEC 17020:2012.
- *** MTA = Material Transfer Agreement



NATIONAL CENTER FOR TUMOR DISEASES HEIDELBERG

upported by German Cancer Research Center (DKFZ) leidelberg University Medical Center dospital for Thoracic Diseases German Cancer Aid

Technologies

Benefits

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Our technology platform offers:

- → Histological sections from human FFPE and frozen tissue**
- Histological stainings (e.g. H&E, Masson-Goldner)
- Scanning of slides (brightfield)
- ▶ Processing of liquid biopsies
- Extraction of nucleic acids (DNA, RNA, cfDNA, microRNA) from tissue, blood, stool and saliva



With us you generate reliable research data!



High acceptance of publications

Established quality management system (accredited NCT Tissue Bank)

State-of-the-art technologies

Extensively trained personnel

High-quality clinical data

Cooperation with NCT Trial Center and NCT Cancer Registry

Biosamples collected with broad consent

Broad variety of tumor/benign tissue (fresh frozen and FFPE) and liquid samples (e.g. blood, serum, urine, stool, saliva)

Our workflow:

sample request	project review,	sample processing	sample g, and data	user
form	approval	QC*	transfer	survey

NCT Tissue Bank

Head: Dr. Alexander Brobeil gewebebank.nct@med.uni-heidelberg.de +49 (0) 6221 56 38994



NCT Liquid Bank

Head: Dr. Romy Kirsten liquidbank@nct-heidelberg.de +49 (0) 6221 56 38946

For further information and to request samples, visit our homepage or use the QR code.





Funding and Support





BioMaterialBank Heidelberg



