

Biobank Antwerp



Core facility UAntwerp
Active in Health

The Biobank Antwerp manages a large collection of human body material. An invaluable resource for scientific research. Prof. Manon Huizing, medical manager of the Biobank Antwerp explains:

“We are a scientifically oriented biobank, accredited to collect, process and store of all types of human body material. Since the start-up in 2018, we have already collected some 650,000 samples.

Companies can turn to us for biological samples to support their research. On request, we also collect targeted samples, with specific associated data. We offer standard sample processing protocols but we can also carry out

customized processing. All samples are pseudonymized (provided with a code) so that we can guarantee legal traceability, but the patient’s privacy remains protected. Before samples can be obtained, approval from the ethics committee and/or the biobank advisory board is required.

Companies that cannot, or prefer not to, set up their own biobank can join the Biobank Antwerp as a decentralized hub. We then take charge of the legal-

ethical aspects and set up a working method and training so that the samples can be registered in our sample management system. The samples remain physically at the hub, although archiving in our biobank is also possible if desired.

The Biobank Antwerp assumes a unique pioneering role within both Belgium and Europe. Particularly with a view to the harmonization of the biobanking landscape in Belgium, for

example with regard to ISO 20387 accreditation and audits.”

Would you like to collaborate with the Biobank Antwerp? Please contact Prof. Manon Huizing.

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Processing samples at the biobank lab

BIOBANK ANTWERP



Aliquoting samples in the biobank laboratory

Biobank Antwerp is ...

Biological samples · Cryogenic storage · Facilitation · Sample preparation · Harmonization · Decentralized · International

Collaboration is possible through...

Service contracts: Template contracts are available, covering sample processing and issuing as well as collaboration options as a decentralized hub.

Research groups and expertise

The Biobank Antwerp is a joint undertaking between UAntwerp and the Antwerp University Hospital.

The Biobank Antwerp is affiliated with BBMRI.BE (*Biobanking and BioMolecular resources Research Infrastructure Belgium*) and with BBMRI-ERIC at the European level.

Unique features of our equipment

The Biobank Antwerp has space available for storage at various temperatures, ranging from room temperature to -196°C in an automatic cryogenic storage system.

The Biobank Antwerp is fully equipped for sample processing and pre-processing. Speed and quality of sample processing are guaranteed thanks to a connection to the pneumatic tube system of the Antwerp University Hospital.

► UZA Biobank is a vital partner in the IVDR compliance project of APTEC Diagnostics. We are highly satisfied with our collaboration, the professional approach, flexibility and understanding of our needs.

Quote from APTEC Diagnostics nv



Contact Biobank Antwerp

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