

### AUSTRIAN BIOBANKING AND BIOMOLECULAR RESOURCES RESEARCH INFRASTRUCTURE

A consortium of Austrian universities and biobanks & national node of the European infrastructure BBMRI-ERIC



- BIOSAMPLES
- ASSOCIATED CLINICAL & SAMPLE DATA
- BIOSAMPLE STORAGE & MANAGEMENT
- PROSPECTIVE COLLECTION & CONSULTING
- RESEARCH COLLABORATION

www.bbmri.at

## REASONS TO COLLABORATE WITH BBMRLAT AND ITS BIOBANKS

## our biobank and consortium partners enable your access to

- OVER 20 MILLION BIOSAMPLES
  WITH ASSOCIATED STRUCTURED DATA
  IN AUSTRIA
  - and millions in other biobanks in Europe (via BBMRI-ERIC) for multicenter studies and data, harmonized biobanking processes and access to banked samples, data, and related expertise in an academic research environment.
- BROAD SPECTRUM OF DISEASES,
  DISEASE STATES, AGES, HEALTHY/REFERENCE MATERIAL, ASSOCIATED CLINICAL DATA.
- BIOSAMPLE MANAGEMENT HARMONIZED ACCORDING TO LATEST INTERNATIONAL QUALITY STANDARDS

(e.g. CEN/TC 140 Technical Specifications (CEN/TS) / ISO Standards Preexamination Processes, ISO 9001, ISO 15189)

- Consideration of requirements in pre-analytical handling
- Profound expertise in sample and data collection, logistics and documentation (e.g. digital imaging)
- State-of-the-art sample storage under controlled conditions

- PROFOUND EXPERTISE IN SAMPLE, DATA, AND QUALITY MANAGEMENT, DIGITAL IMAGING
- CONTACT TO CLINICAL EXPERTS
- BIOBANKING SERVICES

such as prospective collections, customer biosample storage, generation of tumor xenografts, tissue micro -arrays, and primary cells, single cell RNA seq, profiling of specific protein-, lipid and metabolite classes, slide scanning, consulting, education

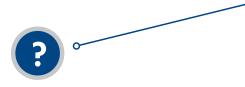
 RESEARCH COLLABORATION IN A TOP CLASS ACADEMIC ENVIRONMENT

and network of associated principal investigators at university hospitals



### **BIOBANK ACCESS PROCEDURE**

BBMRI.at aims to support the development of medical research for the benefit of patients by contributing to the development of a biobanking research infrastructure with high–quality biosamples and data, harmonized biobanking processes and access to banked samples, data, and related expertise in an academic research environment.



### 01 REQUEST

### ONE REQUEST TO REACH ALL BBMRI.AT BIOBANKS

- Send request to contact@bbmri.at
- or combine with search for samples at <u>www.bbmri.at/catalog</u>
- Specify sample, data and type of collaboration



### 02 EVALUATION

### FEASIBILITY CHECK BY BBMRI.AT AND PARTNERS

- Sample/data availability check by biobanks
- Ethical approval by ethics commission

# PROVIDING QUALITY-CONTROLLED SAMPLES TO MEET IVDR REQUIREMENTS AND FOR BETTER REPRODUCIBILITY





- Project resources, time, financial issues
- Negotiation and signing of agreements (Austria-wide standardized MTA template available at www.bbmri.at/MTA)



### 04 EXECUTION

SAMPLE/DATA TRANSFER – RESEARCH COLLABORATION

- · Start of collaboration
- and/or transfer of samples/data to customer





### **BBMRI.AT PARTNER BIOBANKS**

### **HUMAN BIOBANKS**

BioBank

BioBank Graz

www.medunigraz.at/biobank

BIOBANK MEDIZINISCHE UNIVERSITÄT WIEN

MedUni Wien Biobank www.biobank.at

BTOBANK NNSBRUCK

**Biobank Innsbruck** www.i-med.ac.at/biobank



Paracelsus Med Uni Biobank

www.pmu.ac.at

JKU Medical Faculty Biobank

www.jku.at

TYPES: Clinical, population-based biobanks

**COLLECTIONS:** Disease-oriented, case-control, research study collections

**BIOSAMPLES WITH ASSOCIATED DATA:**  Tissue (frozen, FFPE, stained slides, digital slide images), blood (whole blood, serum, plasma, buffy coat, blood cell lysate), other body fluids (e.g.

urine, saliva, CSF, ascites, synovial fluid, seminal plasma), other biosamples

(e.g. stool, established and primary cells)

**BIOBANKING SERVICES:** 

e.g. sample storage, prospective collection, consulting, education, generation of tissue micro arrays, tumor xenografts and primary cells, single cell

RNA seq,slide scanning

### ANIMAL BIOBANK

vetmeduni vienna

VetBioBank

www.vetmeduni.ac.at/vetbiobank

TYPES: Clinical, animal biobank

**COLLECTIONS:** Disease, case-control, research study collections **ANIMALS:** e.g. dog, cat, horse, sheep, pig, goat, rat, mouse

**BIOSAMPLES WITH** 

ASSOCIATED DATA: Tissue (frozen, FFPE, stained slides, digital slide images)

**BIOBANKING** e.g. sample storage, prospective collection, tissue sectioning & slide stain-

**SERVICES:** ing, slide scanning, tissue micro arrays

## BBMRI.AT – AUSTRIAN BIOBANKING RESEARCH INFRASTRUCTURE

## DO YOU WANT TO COLLABORATE WITH US?

CONTACT US contact@bbmri.at SEARCH BIOSAMPLES www.bbmri.at/catalog





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