

# MEETING OF THE BIOBANKING RESEARCH INFRASTRUCTURES

of Austria, Italy, Cyprus &  
Czech Republic

„Strengthening  
Synergies“ Dec 9-11,  
2019



## Meeting of BBMRI.at/it/cy/cz - Strengthening Synergies

**13:00 18:00 DAY 1 - Dec 9, 2019 MED CAMPUS, Aula  
Med Uni Graz, Neue Stiftingtalstrasse 2, 8010 Graz, AT**

**13:00 13:30 Welcome & Opening**

Kurt Zatloukal

Chairs (before break): Kurt Zatloukal (at)/  
Constantinos Deltas (cy)

Chair (after break): Marialuisa Lavitrano (it)/  
Dalibor Valik (cz)

**13:30 17:00 Session: How to integrate biobanking in healthcare**

*Time Title*

*Speaker*

13:30 13:50 Blood collection at Biobank Graz

Christian Güllly; at

13:50 14:10 Consent strategies in biobanking

Helmuth Haslacher; at

14:10 14:30 Gut microbiota as an emerging target for the human health

Patrizia Brigidi; it

14:30 14:50 St. Anna Biobank, A children's biobank is growing up!

Navid Kamaleyan & Marie Bernkoof; at

14:50 15:20 Coffee break Visit our exhibitor „Bartelt - laboratory supplier“

Coffee break [www.bartelt.at](http://www.bartelt.at)



15:20 15:40 Medical imaging and big data

Marco Aiello; it

15:40 16:00 Status of biobanking in Cyprus

Constantinos Deltas; cy

16:00 16:20 Adaptive design of clinical trials for personalized medicine

Dalibor Valik; cz

16:20 16:40 e-health and biobanking in Cyprus

Christos Schizas; cy

16:40 17:00 Biobank strategy development at Med Uni Graz

VR Caroline Schober-Trummler; at

17:00 18:00 Site Visits Biobank Graz & Dig. Pathology (2 groups á 30 min/site)

Biobank Graz, Inst. of Pathology

**09:00 19:10 DAY 2 - Dec 10, 2019 Castle Sankt Martin, Kehlbergstraße 35, 8054 Graz, AT****Session Data & Quality Mgt / Biobank Integration / Stakeholders (I) Chairs: Emmanuele Neri (it)/Johann Eder (at)**

09:00 09:20 The Austrian BBMRI catalog: architectures, interfaces & management Vladimir Shekhovtsov; at

09:20 09:40 Bioinformatics and biobanks infrastructure for big data application in "omics" sciences Luciano Milanesi; it

09:40 10:00 Imaging data and biobanking Kurt Zatloukal; at

10:00 10:20 Imaging biobanks projects: status and future Emanuele Neri; it

10:20 10:40 Translational research in oncology at the Cancer Center Regina Elena in Rome and the Role of the oncology biobank Giovanni Blandino; it

10:40 11:00 Architectures for organizing data donations for biobanks Johann Eder; at

11:00 11:10 New generation of secure data storage Werner Strasser; at

11:10 11:40 Coffee break Coffee break

**Session Data & Quality Mgt / Biobank Integration / Stakeholders (II) Chairs: Philipp Hofer (at)/tbd**

11:40 12:00 The imagined donor: Balancing biobank needs and donors' concerns Ingrid Metzler; at

12:00 12:20 Italian Alliance Against Cancer Angelo Paradiso; it

12:20 12:40 Access to Samples, Data & Services Christian Güllly; at

12:40 13:00 Population Biobanks: messages from the Moli-Sani bank Benedetta Donati & Amalia De Curtis; it

13:00 13:20 From Biobanking to a clinical trial – the case for MUC1 kidney disease Gregory Papagregoriou; cy

13:20 13:40 Lighthouse Collections as role models Georg Göbel; at

13:40 14:40 Lunch break Lunch break

**09:00 19:10 DAY 2 - Dec 10, 2019 Castle Sankt Martin, Kehlbergstraße 35, 8054 Graz, AT****Session Data & Quality Mgt / Biobank Integration / Stakeholders (III) Chairs: H. Haslacher (at)/Georges Dagher (it)**

14:40 15:00 ISO Standards & IVDR Georges Dagher

15:00 15:20 Cell lines as biological models: practical steps for more reliable research Barbara Parodi; it

15:20 15:40 Achieving common improvements via cross-audit programs Helmut Haslacher; at

15:40 16:00 How to integrate biobanks into the Austrian research landscape Monika Wieser; at

16:00 16:20 Value-based thinking in biobanking: why is it essential? Ulrike Felt; at

16:20 16:40 The importance of tissues in the new clinical research Giorgio Stanta; it

16:40 17:10 Coffee break Coffee break

**Session Data & Quality Mgt / Biobank Integration / Stakeholders (IV) Chairs: Paola Turano (it)/Christian Güllly (at)**

17:10 17:30 Biosample quality control using NMR analysis Tobias Madl; at

17:30 17:50 NMR approaches to metabolomics: from sample quality assessment to disease fingerprinting/profiling Paola Turano; it

17:50 18:10 Microbiome biobanking as research and diagnostics support Lorenza Putignani, it

18:10 18:30 The contribution of metabolomics to personalized medicine: monitoring the individual metabolic phenotype and the response to treatment Veronica Ghini, it

18:30 18:50 Oncology in biobank in Pilsen Ondrej Topolcan; cz

Education in cross border biobank project BRoTHER Judita Kinkorova; cz

18:50 19:10 Improving biobank funding & participation in research programmes PANEL DISCUSSION

Moderator: K. Zatloukal

**19:30 Joint Dinner (Castle Sankt Martin)**

**09:00 13:10 DAY 3 - Dec 11, 2019 Castle Sankt Martin, Graz**

**Plenary Report on current work of NN**

09:00	09:30	BBMRI-ERIC	Erik Steinfelder
09:30	10:10	BBMRI.cz	Dalibor Valik
10:10	10:50	BBMRI.it	Marialuisa Lavitrano
10:50	11:30	Coffee break	
11:30	12:10	BBMRI.cy	Constantinos Deltas
12:10	12:50	BBMRI.at	Kurt Zatloukal
12:50	13:10	Wrap Up & Closing meeting	Kurt Zatloukal

**- MEETING END for BBMRI.it/cy/cz -----**

**The meeting is free of charge - Further information: [www.bbmri.at/news](http://www.bbmri.at/news)**



# BBMRI.at

## AUSTRIA

4

Number of biobanks  
and stand-alone collections

19,362,894

Number of samples /  
size of collections

7.5 FTE/yr;  
26 headcount

Number of staff

## AREAS OF EXPERTISE

- Quality management
- Data management
- Stakeholder and user engagement



# BBMRI.it

## ITALY

95

Number of biobanks and stand-alone collections

43% of diseases-oriented biobanks samples size >10,000, samples size of population biobanks > 150,000, sample size of archived tissue biobanks > 500,000

10 FTE/yr;  
18 headcount

Number of staff

Fußzeile

## AREAS OF EXPERTISE

- Healthcare Integrated Biobanking, including imaging biobanks
- ELSI (RECs, Informed consent process, engagement, partnership with patient associations)
- Training (quality, governance, participatory methods and tools)



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# BBMRI.cy

## CYPRUS

1 / 4

Number of biobanks and stand-alone collections

5,000\*

Number of samples / size of collections

2

Number of staff

## AREAS OF EXPERTISE

- Clinical and molecular investigation of familial microscopic hematuria of glomerular origin
- Searching for genetic modifiers in patients with glomerulopathies
- Searching for early biomarkers and genetic modifiers in MUC1 kidney disease



Fußzeile

8



# BBMRI.cz

## CZECH REPUBLIC

5 / 4

Number of biobanks /  
affiliate members

135,753

Number of specimens  
in long-term storage repository

50,909

Number of specimens  
in short-term storage repository

8.57 FTE/yr

Number of staff

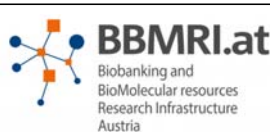
## AREAS OF EXPERTISE

- Clinical biobanks
- Disease-oriented biobanks
- Quality management of samples and data



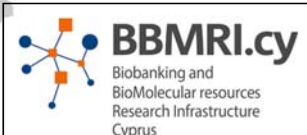
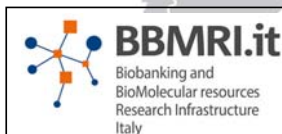
### BBMRI-ERIC MEMBERS

- Austria
- Bulgaria
- Belgium
- Czech Republic
- Estonia
- Finland
- France
- Germany
- Greece
- Italy
- Latvia
- Malta
- Netherlands
- Norway
- Poland
- Sweden
- United Kingdom



### BBMRI-ERIC OBSERVERS

- Switzerland
- Cyprus
- Turkey
- IARC



**MAKING**  
NEW  
**TREATMENTS**  
POSSIBLE

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**Bundesministerium**  
Bildung, Wissenschaft  
und Forschung

Contact BBMRI.at: [cornelia.stumptner@medunigraz.at](mailto:cornelia.stumptner@medunigraz.at)