

# EUROPE BIOBANK WEEK 2023

## ROADSHOW

IT: DATA INTEGRATION IN BIOBANKING  
27-28 SEPTEMBER, INNSBRUCK (AUT)

PRELIMINARY

# SCIENTIFIC PROGRAMME

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# EUROPE BIOBANK WEEK - ROADSHOW

ESBB and BBMRI-ERIC are delighted to announce a new, common community engagement activity, our **EUROPE BIOBANK WEEK ROADSHOW**. The **EBW ROADSHOW** consists of a series of smaller and regional face-to-face events covering a fine selection of hot topics in biobanking. We'll bring EBW on the road and invite you to join us for high quality scientific programmes, opportunities to meet and discuss with your peers, and exchange with companies at exhibitions. Our topic forecast covers Quality in Biobanking (Germany), Paediatrics (Italy), and Information Technology (Austria). While we focus on the **EBW ROADSHOW** this year, we are planning to relaunch our successful face-to-face **EBW CONGRESS** in spring 2024.

## IT: DATA INTEGRATION IN BIOBANKING

We invite you to this third Europe Biobank Week Roadshow Meeting & Exhibition held at the **Medical University of Innsbruck, Austria, 27-28 September 2023**.

Join the EBW Roadshow Innsbruck meeting led by BBMRI-ERIC and ESBB for an exciting 2-day conference, focusing on the following main topics: health & biobank data integration, data management and data transfer between biobanks and European platforms, and data extraction from various health-data sources. This EBW Roadshow event will also feature industrial presentations by leading Biobank-software vendors. Don't miss out on this invaluable opportunity to enhance your knowledge and network with international experts in the field!

Ayat Salman  
President ESBB

Jens K. Habermann  
Director General BBMRI-ERIC

Georg Göbel  
Medical University Innsbruck  
Local Organisation Team

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# SCIENTIFIC PROGRAMME COMMITTEE



***Georg Göbel***  
BBMRI-ERIC  
Medical University Innsbruck  
Austria



***Roland Leiminger***  
ESBB Vice President  
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***Petr Holub***  
BBMRI-ERIC  
Graz, Austria  
Masaryk University  
Czech Republic



***Dominik Lermen***  
ESBB Past President  
Fraunhofer IBMT  
Germany

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# THE VENUE



Medizinische Universität Innsbruck  
Christoph-Probst-Platz, Innrain 52  
6020 Innsbruck  
Austria

For directions, click [here](#) and enter your hotel address in the first line.  
You will then be shown the corresponding directions.

# PROGRAMME AT A GLANCE

WEDNESDAY 27.09.2023

09:00 - 12:00 BBMRI.at regional meeting	Registration
12.45 - 13.00 Opening ceremony	
13.00 - 13.45 Keynote Lecture	
13.45 - 14.00 <b>Networking Break in Exhibition Hall</b>	
14.00 - 15.45 Session 1: Show-Cases for Biobank Data Integration on the Local System Level	
15.45 - 16.15 <b>Networking Break in Exhibition Hall</b>	
16.15 - 18.00 Session 2: Trustworthy Data Quality Assurance and Data Provenance	
18.00 <b>Networking Evening Event</b>	

THURSDAY 28.09.2023

09.00 - 10.45 Session 3: Biobank Information Systems towards European Flagship Initiatives
10.45 - 11.00 <b>Networking Break in Exhibition Hall</b>
11.00 - 11.45 Session 4: Panel Discussion Towards international biobanking responding to user needs
11:45 - 12:00 Wrap Up & Closing Ceremony
12.00 - 13.00 <b>Networking Break and Fare Well Coffee in Exhibition Hall</b>
13.00 - 16.00 Workshops BBMRI-ERIC Discovery & Access Pipeline Training [Further workshops t.b.c]

# WEDNESDAY – 27 SEPTEMBER 2023

- 09.00 - 14.00 **REGISTRATION OPEN**
- 09.00 - 12.00 **BBMRI-ERIC.AT REGIONAL MEETING**  
Closed Satellite Meeting
- 12.45 - 13.00 **OPENING CEREMONY**  
ESBB President, BBMRI-ERIC Director General, Local Host
- 13.00 - 13.45 **KEYNOTE**  
tbd
- 13.45 - 14.00 **NETWORKING BREAK IN EXHIBIT HALL**
- 14.00 - 15.45 **SESSION 1: Show-Cases for Biobank Data Integration on the Local System Level**  
This session highlights show-cases in supporting clinical data integration within biobank-software-systems and relevant data-lakes. These systems shall facilitate seamless data collection, storage, and retrieval, enabling researchers to access diverse patient profiles from multiple sources. By adopting standardized data models and ontologies, biobanks ensure semantic consistency and promote collaboration between research groups and projects of different research topics. Machine learning algorithms automate data curation and linkage, while privacy measures like appropriate anonymisation approaches safeguard patient identities. Last but not least web-based portals and standardised APIs promote data sharing and collaboration among researchers from different universities.
- 15.45 - 16.15 **NETWORKING BREAK IN EXHIBIT HALL**

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# WEDNESDAY – 27 SEPTEMBER 2023

16.15 - 18.00

## SESSION 2: Trustworthy Data Quality Assurance and Data Provenance

This session highlights key strategies to address biobank data quality and data provenance under the umbrella of the GDPR and relevant data governance models.

Researchers should adopt robust data collection methods, ensuring the accuracy and completeness of the information and implement standardized data entry protocols, automated validation checks etc. to minimize errors and inconsistencies. Furthermore, employing AI-based data cleansing techniques can help identify and rectify erroneous or missing data points, promoting data integrity.

Data provenance focuses on tracing the origin and lineage of data throughout the data generation and research process by incorporating data provenance tools, such as metadata tagging and version control. It is aimed at enabling researchers to monitor and record changes, thus ensuring data reliability and reproducibility. Emphasizing data governance frameworks and documentation protocols adds transparency and accountability to the data analysis process.

To reinforce data governance and adhere to international ethical standards, privacy and security features have to be addressed. Encryption, access controls, and anonymization techniques safeguard sensitive patient information, maintaining confidentiality while ensuring compliance with data protection regulations.

18.00

## NETWORKING EVENT

Join us for some regional specialities and a nice chat.

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# THURSDAY – 28 SEPTEMBER 2023

09.00 - 10.45

## SESSION 3: Biobank Informations Systems towards European Flagship Initiatives

Biobanks house valuable clinical and biological data that can significantly contribute to advancing medical knowledge and personalized healthcare. During the session, experts will discuss the integration of Biobank Information Systems towards European Flagship Initiatives like EHDS, EOSC, and others. Key topics include the implementation of standardized data formats and ontologies to ensure data harmonization and semantic interoperability. Speakers will also address the challenges and solutions for privacy-preserving data sharing and consent management to adhere to the stringent data protection regulations within the EU. They will also outline the use of cutting-edge IT tools and technologies in Biobank Information Systems, such as artificial intelligence, machine learning, and federated analysis platforms to derive meaningful insights from complex datasets.

10.45 - 11.15

## NETWORKING BREAK IN EXHIBITION HALL



# THURSDAY – 28 SEPTEMBER 2023

11.15 - 11.45

## SESSION 4: Pannel Discussion - Towards international biobanking responding to user needs

A highly experienced ensemble of international IT experts from diverse corners of scientific areas converge for a visionary panel discussion on responses of the biobanking community to future needs of scientific and industrial users.

The discourse delves into the role of artificial intelligence and machine learning in revolutionizing biobanking processes, unlocking insights from big multimodal datasets, and enhancing user experiences and their needs in the future. Ethical considerations in the international sharing of data and the protection of individual privacy take center stage, drawing attention to the vital importance of striking the right balance between innovation, responsibility and trust of sample and data donors.

The panelists emphasize the importance of inclusivity and diversity in shaping the future of biobanking. They highlight the need for interdisciplinary collaborations that span continents, cultures, and fields of expertise, envisioning a global network of biobanks that cater to the unique needs of individuals worldwide.

11:45 - 12.00

## WRAP UP & CLOSING CEREMONY

ESBB President, BBMRI-ERIC Director General, Local Host

12.00 - 13.00

## NETWORKING BREAK & FARE WELL COFFEE IN EXHIBITION HALL

13.00 - 16.00

## WORKSHOPS

BBMRI-ERIC Discovery & Access Pipeline Training

[Further workshops t.b.c]

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# REGISTRATION FEES

CATEGORY	FEE [€]
ESBB/BBMRI-ERIC MEMBER	87
NON-ESBB/BBMRI-ERIC MEMBER	162

FOR REGISTRATION CLICK [HERE!](#)

## SPONSORSHIP OPPORTUNITIES

Want to become an EBW 23 Roadshow Sponsor?

Find out more about our Sponsorship Opportunities for this event [here!](#)

# ACCOMODATION

Hotel reservations need to be individually handled and are not part of the registration process of the EBW23 Roadshow Innsbruck. Please find below Hotel suggestions in close proximity to the venue. Additional hotels can be found [here](#).

Hotel	Adresse	Phone	E-Mail	Web
Hotel Penz	Adolf-Pichler-Platz 3 6020 Innsbruck	+43 512 575657-0	<a href="mailto:office@thepenz.com">office@thepenz.com</a>	<a href="http://www.the-penz.com/">www.the-penz.com/</a>
Hotel Innsbruck	Innrain 3 6020 Innsbruck	+43 512 59868-0	<a href="mailto:info@hotelinnsbruck.com">info@hotelinnsbruck.com</a>	<a href="http://www.hotelinnsbruck.com/">www.hotelinnsbruck.com/</a>
Hotel Nala	Müllerstraße 15 6020 Innsbruck	+43 512 58 4444	<a href="mailto:info@nala-hotel.at">info@nala-hotel.at</a>	<a href="http://www.nala-hotel.at/">www.nala-hotel.at/</a>
Motel One	Südbahnstraße 1 / Top1 6020 Innsbruck	+43 512 219353-0	<a href="mailto:innsbruck@motel-one.com">innsbruck@motel-one.com</a>	<a href="http://www.motel-one.com/de/hotels/innsbruck/">www.motel-one.com/de/hotels/innsbruck/</a>
Hotel IBIS	Sterzinger Strasse 1 6020 Innsbruck	+43 512 5703000	<a href="mailto:H5174@accor.com">H5174@accor.com</a>	<a href="http://www.all.accor.com">www.all.accor.com</a> (look for Innsbruck)

# ORGANIZED BY

**ESBB**

European, Middle Eastern  
& African Society  
for Biopreservation  
and Biobanking



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