



**EUROPE
BIOBANK
WEEK CONGRESS
19-22 MAY 2026**

CONGRESS PROGRAMME

Full guide to #EBW26

Produced by the Europe Biobank Week Programme Committee and BBMRI-ERIC's
Department of Outreach, Education and Communications



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Congress introduction

Dear Participants of EBW 2026,
Dear Colleagues and Friends,

On behalf of BBMRI-ERIC, the European Research Infrastructure for Biobanking and Biomolecular Resources in Health and Life Science, and ESBB, the European, African and Middle Eastern Society for Biopreservation and Biobanking, a very warm and heartfelt welcome to the Congress Center in Prague!

The organising team of BBMRI and ESBB is proud to have constructed an exciting and interactive scientific programme that includes a high-quality workshop programme.

We are pleased to welcome Prof. RNDr. Jiří Zima, CSc, Rector of Charles University and a The Ministry of Education, Youth and Sports on 20th May. Keynote highlights are from Prof. Joacim Rocklöv, Head of the Heidelberg Planetary Health Hub and Alexander von Humboldt Professor at Heidelberg University, speaking about how climate change is affecting infectious disease dynamics across Europe; and Aneta Tyszkiewicz, Director of Science and Regulatory at the European Federation of Pharmaceutical Industries and Associations (EFPIA), on how fragmentation and regulatory complexity are undermining competitiveness and how the Biotech Act can help unlock a more coherent, innovation-friendly ecosystem.

The scientific programme also includes the additional special sessions “Disease domain-specific biobanks” including rare disease insights: explores domain-specific biobanks for rare diseases, emphasising the importance of cross-border collaboration and networks like the EuroBioBank (EBB). Oncology insights: organised with [ISOBM - International Society of Oncology and Biomarkers](#), highlights oncology biobanks and cross-disciplinary collaboration across oncology, pathology, radiology and molecular medicine. Neuroscience insights: highlights biobanks advancing research on neurological and psychiatric disorders. Lastly, we draw your attention to the session Returning biobank data to participants: Closing the loop that is jointly organised with The European Partnership for Personalised Medicine (EP PerMed) and will be a vital discussion between stakeholders in the process of returning to people data coming from genetic/genomic studies.

Four pre-congress workshops, led by community experts, focus in detail on sharing knowledge and best practices. Engaging young participants: PPIE challenges and solutions in Paediatric Biobanking explores how biobanks engage children and parents in decisions about biosamples and data collections, focusing on the complex ethical and practical challenges unique to working with young participants. Mastering the BBMRI-ERIC Ecosystem: From Infrastructure to Impact focuses on how to effectively use BBMRI-ERIC tools and frameworks to improve data integration, quality and collaboration in biobanking. Data Quality in line with BBMRI-ERIC QM Service focuses on improving biobank data quality through governance frameworks, the BBMRI.QM pillars and hands-on use of the DMM Self-Assessment Survey. Microbiome Biobanking in a One Health Framework: Bridging Silos Across Domains focuses on cross-domain collaboration in microbiome biobanking, addressing standards, data sharing, governance and sustainable One Health research.

Finally, we would like to express our sincere thanks to the Programme Committee headed by Jörg Hamann and Olga Kofanova with support from Annelies Debuquoy and Ronny Baber, the sponsorship committee



headed by Manuela Pausan and Rolf Morselt, the ESBB Council, BBMRI-ERIC's staff and National Node Directors, and to all volunteers including the session chairs and highlight speakers for making this stimulating congress happen.

A special thanks goes to our sponsors for their generosity and commitment to the continuous support they provide to EBW. This year we are fortunate and delighted to welcome our Platinum and Silver sponsors to Prague and thank them for their endorsement of EBW26.

We hope you will enjoy your stay in Prague and look forward to your participation, exchange of knowledge, development of new collaborations and connections and most importantly to meet you all in person!

With sincere thanks and all best wishes,

The EBW 2026 Organising Committee



General information

Date and venue



19-22 May, 2026



Prague Congress Centre, 5 května 1640/65, Nusle 140 21 Prague 4, Czech Republic.

Opening hours

	19 May	20 May	21 May	22 May
Registration desk	08:30 - 17:00	08:00 - 18:30	08:00 - 18:30	08:00 - 14:00
Exhibition	/	08:00 – 19:00	08:00 - 18:00	08:00 - 14:00
Visits / workshop + congress sessions	09:30 - 17:30	09:00 - 19:00	09:00 - 18:00	09:00 - 14:00

On-site registration

On-site registration will be available from 19-22 May during the registration desk opening hours.

Badges

For security reasons, please wear your #EBW26 badge so it can be always seen in the congress centre.

Coffee and lunches

Refreshments are included in the registration fee and are served in the exhibition and networking areas on the 2nd and 3rd floor.

Cloakroom

The cloakroom is located next to registration and is free for use by all congress delegates.

WiFi

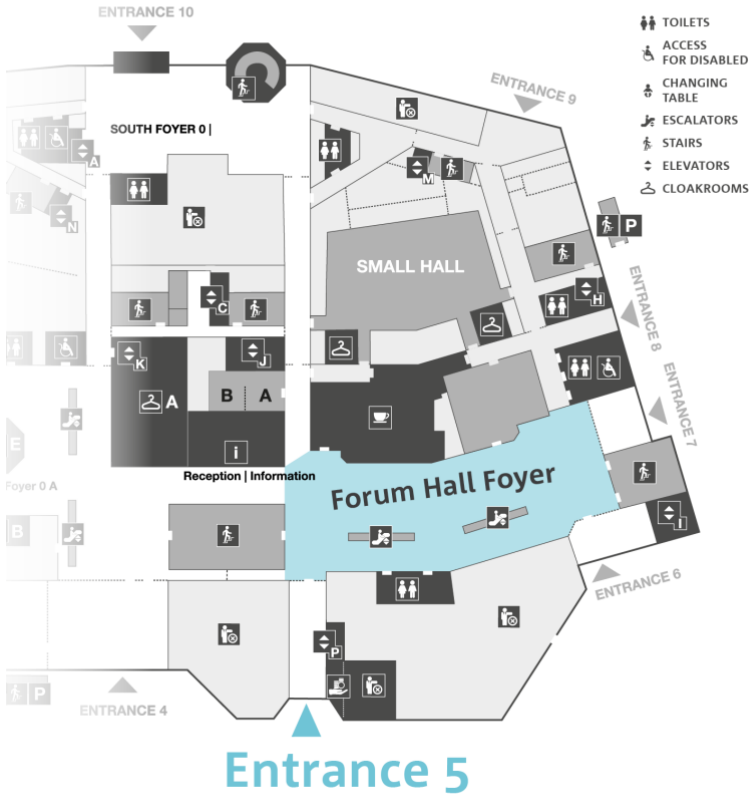
Free WiFi network: Prague26. Password: EBW26. Use #EBW26 to share your congress experience.

Socials

Use #EBW26 to share your congress experience.

Congress floor plan

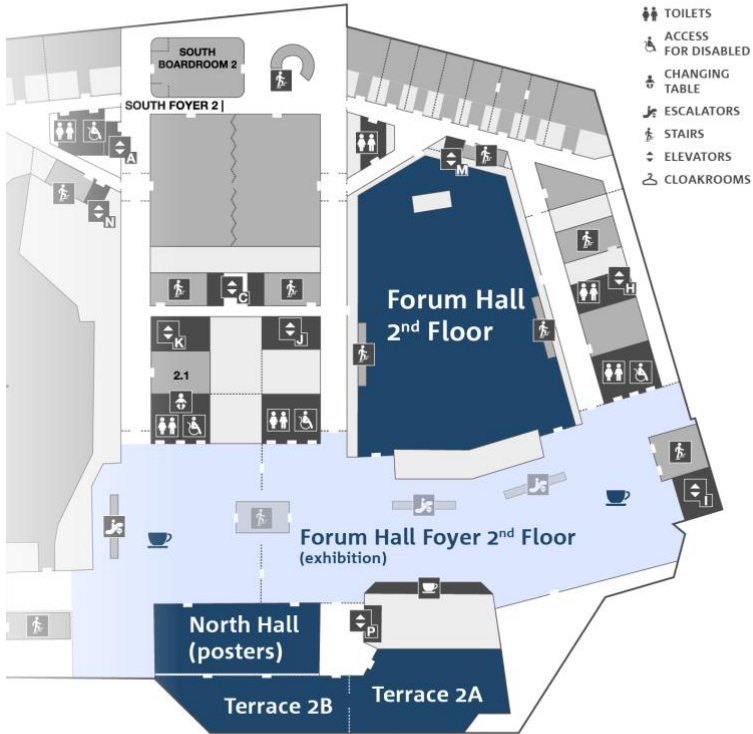
GROUND FLOOR



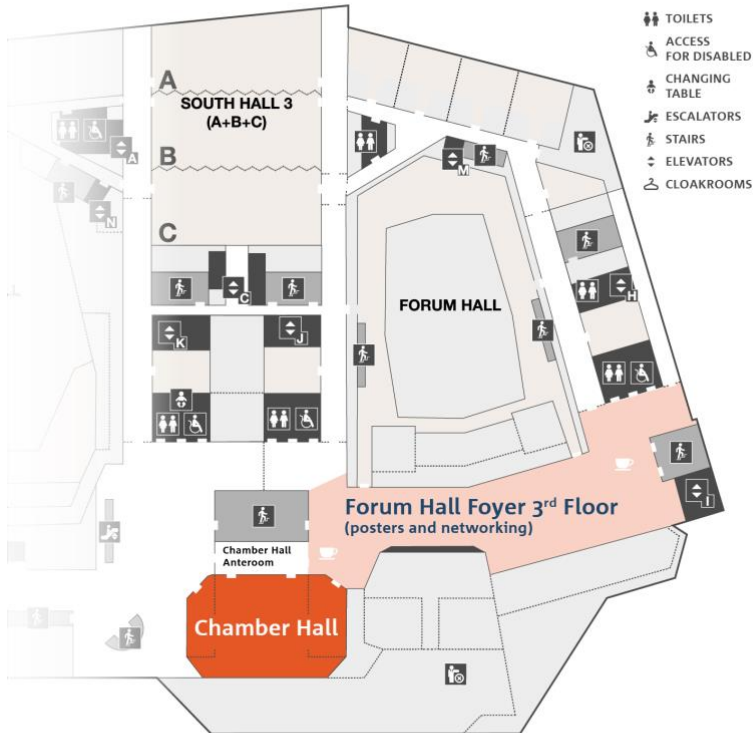
1st FLOOR



2ND FLOOR



3rd FLOOR



Keynote biographies

Keynote: Prof. Joacim Rocklöv

Professor Joacim Rocklöv is an Alexander von Humboldt Professor at Heidelberg University with a focus on modelling of climate-sensitive



infectious diseases. He heads the Heidelberg Planetary Health Hub, which is dedicated to developing and applying innovative methods to understand and predict how climate change and the polycrisis influences infectious disease dynamics and how the impact may unfold in the future.



Keynote: Aneta Tyszkiewicz

Aneta is Director, Science and Regulatory at the European Federation of Pharmaceutical Industries and Associations (EFPIA), representing the R&D-based pharmaceutical industry in Europe. She leads EFPIA's policy and advocacy on data, real-world evidence and emerging technologies, including biotechnologies.

Her work focuses on advancing the digital transformation of healthcare in Europe to enable the development of innovative, trusted solutions that deliver tangible benefits for patients. Aneta previously held roles at the Council of European Dentists, the International Diabetes Federation and in consulting.



Congress programme – at a glance

		PRAGUE CONGRESS CENTRE					DETAILED PROGRAMME AVAILABLE ON THE #EBW26 APP OR WEBSITE			
		CHAMBER HALL	TERRACE 2A	TERRACE 2B	NORTH HALL	FLOOR 1				
	Tuesday, 19 May						Registration			
08:30										
13:00		Workshop 1	Workshop 3	Workshop 2	Workshop 4					
15:00		Coffee break - Forum Hall Foyer 3rd Floor								
17:30		Workshop 1	Workshop 3	Workshop 2						
		PRAGUE CONGRESS CENTRE				FORUM HALL FOYER		ENTRANCE #5		
	Wednesday, 20 May	FORUM HALL	TERRACE 2A	TERRACE 2B	CHAMBER HALL	2ND FLOOR	NORTH HALL + 3RD FLOOR	FLOOR 1		
		Plenary	Break-out	Break-out	Break-out	Exhibition	Poster Sessions	Registration		
08:00						Exhibition	Posters	Registration		
09:00		Opening ceremony				Coffee break + exhibition				
10:45										
11:30		Keynote I				Exhibition	Posters			
12:30		Group picture								
12:45			Corporate workshop			Lunch, exhibition, vendor tour				
13:30										
14:00		Parallel sessions I				Exhibition	Posters			
15:30						Coffee break + exhibition				
16:00						Exhibition	Poster session I			
17:00					Networking					
17:30		Parallel sessions II								
19:00						Welcome Reception				
08:00					ESBB General Assembly	Exhibition	Posters			
09:00		Parallel sessions III								
10:30						Coffee break + exhibition				
11:15		Keynote II				Exhibition	Posters			
12:15		Corporate workshop			Lunch, exhibition, vendor tour					
13:30										
13:45	Parallel sessions IV				Exhibition	Posters				
15:15					Coffee break + exhibition					
15:45					Exhibition	Poster session II				
16:45	Parallel sessions V									
17:45	Personal time									
19:00	Networking dinner (National House Vinohrady - ticket required)									
08:00				Ethics café	Exhibition	Posters				
09:00					Brunch + exhibition					
10:30										
12:00	Parallel sessions VI									
13:30	Awards and closing ceremony				Exhibition	Posters				
14:00	Congress closes									
	Friday, 22 May						Registration			
08:00										
12:00										
14:00										



Social activities

Welcome reception



Wednesday 20 May 2026, 19:00 and 21:00



Exhibition and Poster Area 2nd and 3rd floor. Prague Congress Center

This ticket is included in the registration fee.

We mark the official opening of the congress at 19:00 in the exhibition and poster Area 2nd and 3rd floor where you can also enjoy the exhibition and posters. Meet our sponsors, find firm friends and make new connections at the beginning of Europe Biobank Week.

The welcome reception is a key moment of EBW and will conclude with a welcome drink that is accompanied by canapes.

Networking dinner



Thursday 21 May 2026, 19:00



National house of Vinohrady, Náměstí Míru 820/9, 120 00 Praha 2-Vinohrady, Czechia

By advance ticket only (**purchase at registration**).

Change the pace of an intense day of congress business by attending this year's EBW networking dinner from 19:00.

It takes place at the Majakovsky Hall at the National House of Vinohrady in Prague. The Neo-Renaissance building dates back to 1894 and is one of Prague's notable cultural venues. Its central location is one of its greatest advantages, making it an ideal place for social and cultural events, as well as conferences, exhibitions, and training seminars.

The ticket includes entry, a seated dinner and entertainment.



Pre-congress workshops and meetings - Tuesday 19 May

The registration for this pre-congress day must be done online as part of the workshop booking form. Please allow time to collect your badge from registration before attending.

Pre-congress visit 1: Institute of Organic Chemistry and Biochemistry of the Czech Academy of Sciences

Address: Flemingovo náměstí 542/2, 160 00 Praha 6, Czech Republic

Web: <https://www.uochb.cz/en>

Scenario of excursion: 2 time slots (9.30-10.30, 10.30-11.30), 1 time slot/25 persons

Max. capacity (persons): 50

Meeting time: 9.20

Location: <https://mapy.com/cs/turisticka?planovani-trasy&rc=9gwtzxYBv17cxXp0L&rs=base&rs=base&ri=2537314&ri=33809&mrp=%7B%22c%22%3A200%2C%22dt%22%3A%22%22%2C%22d%22%3Atrue%7D&xc=%5B%5D&x=14.4110437&y=50.0838779&z=13>

Traveling time from site visit to Congress Centre by public transport: 30 min

Contact person: Oldřich Hudeček, Ph.D., T +420 220 183 586, M +420 771 228 712, oldrich.hudecek@uochb.cas.cz

Visit IOCB Prague – the Institute of Organic Chemistry and Biochemistry. At IOCB Prague, chemistry is not just about formulas in a textbook, it's about discoveries that have saved millions of lives worldwide. Our scientists stand behind breakthrough drugs, innovative medicinal chemistry, and bold ideas at the interface of chemistry and biology.

Step into a place where tiny molecules become life-saving medicines, where chemical biology and computational chemistry reveal how important processes really work, and where cutting-edge research turns curiosity into real-world impact. Discover with us the power of molecules that change the world.

Pre-congress visit 2: The Institute of Hematology and Blood Transfusion

Address: U Nemocnice 2094/1, 128 00 Praha 2, Czech Republic

Web: <https://www.uhkt.cz/ihbt>

Scenario of excursion: 2 time slots (9.30-10.30, 10.30-11.30), 1 time slot/30 persons

Max. capacity (persons): 60

Meeting time: 9.20

Location: <https://mapy.com/cs/turisticka?planovani-trasy&rc=9hAnGxXtN5h8ucmd&rs=firm&rs=base&ri=230556&ri=33809&mrp=%7B%22c%22%3A200%2C%22dt%22%3A%22%22%2C%22d%22%3Atrue%7D&xc=%5B%5D&x=14.4257489&y=50.0682637&z=14>

Traveling time from site visit to Congress Centre by public transport: 20 min



Contact person: Ing. Adéla Benešová, Ph.D., T +420 221 977 181, M +420 221 977 272, Adela.Benesova@uhkt.cz

The Institute of Haematology and Blood Transfusion (IHBT), established in 1952, is a leading research institution at the forefront of haematology. IHBT Biobank Prague is dedicated to the collection and long-term preservation of unique biological samples from patients with hematopoietic disorders, as well as from healthy donors.

During the excursion, participants will have the opportunity to visit the central laboratory, where samples are received, processed, and aliquoted into cryotubes using advanced automated technologies. The tour will also include the IHBT cryostorage facility, featuring state-of-the-art robotic systems that ensure the secure storage of cryopreserved samples in liquid nitrogen vapor.

Additionally, participants will be introduced to the Department of Cell Therapy, which maintains hematopoietic stem cell grafts for both autologous and allogeneic transplantations. This highlights the critical role of the facility in modern regenerative and transplant medicine.

Pre-congress visit 3: BIOCEV

Address: Průmyslová 595, 252 50 Vestec, Czech Republic

Web: <https://www.biocev.eu/en>

Scenario of excursion: 2 time slots (9.30-10.30, 10.30-11.30), 1 time slot/20 persons

Max. capacity (persons): 40

Meeting time: 9.20

Location: <https://mapy.com/cs/turisticka?planovani-trasy&rc=9hKZoxXSUF9hBhaxXp0L&rs=pubt&rs=base&ri=15709028&ri=33809&mrp=%7B%22c%22%3A200%2C%22dt%22%3A%22%22%2C%22d%22%3Atrue%7D&xc=%5B%5D&x=14.4619285&y=50.0222751&z=12>

<https://mapy.com/cs/turisticka?planovani-trasy&rc=9hKZoxXSUF9hBhaxXp0L&rs=pubt&rs=base&ri=15709028&ri=33809&mrp=%7B%22c%22%3A200%2C%22dt%22%3A%22%22%2C%22d%22%3Atrue%7D&xc=%5B%5D&x=14.4619285&y=50.0222751&z=12>

Traveling time from site visit to Congress Centre by public transport: 40min

Contact person: Petr Solil, T: +420 325 873 143, M: +420 774 727 981, petr.solil@biocev.eu

BIOCEV is a centre of excellence in basic research, actively linked to teaching and student education, with a strong emphasis on collaboration with biotechnology companies. BIOCEV's five research programmes involve leading scientists in the fields of molecular and cellular biology, phenogenomics, structural biology, tissue engineering, and biomedicine, all focused on gaining a detailed understanding of organisms at the molecular level. The final outcomes of research carried out at the BIOCEV centre include, for example, drugs targeted to precise location of damaged metabolism, as well as protein.



Workshops

Workshop 1: Engaging young participants: PPIE challenges and solutions in Paediatric Biobanking (4 hours)

The workshop will explore how biobanks, especially those with paediatric collections, engage children and parents in decision about biosamples and data collections, focusing on the complex ethical and practical challenges, unique to working with young participants. Key issues include consent and assent processes, recontact at the age of majority, broad-consent limitations, and the return of secondary findings.

The workshop will explore and address different ethical and practical challenges through a series of short presentations by biobank specialists, ELSI experts, and patient representatives that will help identify key challenges and areas where clearer recommendations are needed.

Target audience: This workshop is intended for biobank staff, biobank managers, biobank directors, researchers, ELSI experts, clinicians, and public engagement specialists who are looking to engage and involve patients, public, and other stakeholders in their research and biobanking activities.

The workshop will include short presentations on key challenges and best practices followed by break-out groups working on the key areas identified for recommendations.

Maximum number of participants: 85

Workshop 2: Mastering the BBMRI-ERIC Ecosystem: From Infrastructure to Impact (4 hours)

A high-quality IT infrastructure is only as powerful as the team operating it. While BBMRI-ERIC provides the Directory, Negotiator and Federated Platform^[1], their true value is unlocked through expert usage and seamless maintenance. This workshop moves beyond technical components into practical “methods” turning digital tools into meaningful assets for your biobank.

Target audience: Designed for biobank leaders, staff, and data managers, this interactive workshop focuses on enhancing the findability of samples and cohorts. Participants will gain hands-on insights into the BBMRI-ERIC tool suite, including the Directory, Negotiator and Federated Platform. We will also introduce essential new tools like the Federated Data Quality Framework^[2] and demonstrate what support the IT community can offer to the biobanks with the Extract-Transform-Load (ETL) process when preparing data for the tools.

Through lectures, online voting and discussions, we will map common needs and obstacles but also share best practices for data integration aiming to foster collaboration and share testimonials. Join us to bridge the gap between infrastructure and impact, ensuring your biobank’s assets are visible, accessible, and research ready.

^[1] <https://www.bbmri-eric.eu/bbmri-sample-and-data-portal/>

^[2] <https://bbmri-cz.github.io/data-quality-framework/>

Maximum number of participants: 60



Workshop 3: Data Quality in line with BBMRI-ERIC QM Service (4 hours)

The quality of data that a biobank provides for scientific purposes, alongside biological samples, is receiving increasing attention within the biobanking community. In response to this development, BBMRI.QM has developed a new service to support biobanks in establishing and demonstrating an organisational framework for data management and data governance that safeguards data quality. This service is integrated into the existing BBMRI.QM structure and follows its established pillars of Knowledge / Training / Auditing & Quality Label / Continuous Improvement. At the heart of this service is the BBMRI.QM Data Management Maturity Self-Assessment Survey (DMM SAS), a structured self-assessment tool guiding biobanks to determine whether they meet the key organisational requirements for quality of data and data management. The workshop is a mix of lectures, hands-on exercises, and group discussions. The attendees will gain practical knowledge on how to use the DMM SAS as a self-assessment tool, translate its results into concrete organisational improvement actions, and contribute immediate feedback towards the final refinement of the DMM SAS. For full workshop experience, attendees are expected to bring their own laptop to participate in the hands-on exercises.

Target audience: This workshop is intended for data and IT managers, quality managers, biobank staff and researchers who are interested in biobank data quality and considering participation in the BBMRI.QM Audit Programme.

Maximum number of participants: 60

Workshop 4: Microbiome Biobanking in a One Health Framework: Bridging Silos Across Domains (2 hours, 13:00 to 15:00)

This workshop will explore how microbiome biobanks and data repositories across human, animal, and environmental domains can collaborate to support a One Health approach to microbiome research. While microbiomes are inherently interconnected across these domains, research efforts, biobanks, and data repositories are often fragmented and poorly aligned. Participants will discuss practical issues such as interoperability, standards, governance, data sharing, and sustainability, including how samples and data can be maintained and reused after individual research projects end.

In addition, the workshop will present lessons learned and best practices emerging from the EU-funded MICROBE project, highlighting concrete challenges and gaps between the research community and research infrastructures. The discussion will focus on what currently works, what does not, and where better coordination between biobanks, data repositories, and researchers is needed to support long-term, integrated microbiome research in a One Health context.

Target Audience: This workshop is intended for microbiome researchers, staff in biobanks which manage or plan to manage microbiome-containing biospecimens, and data scientists handling microbiome data.
Maximum number of participants: 40



Scientific programme - Wednesday 20 May



08:00 – 1st floor
09:00 – Forum Hall
10:45 - Exhibition and
Poster Area 2nd and 3rd
floor
11:30 – Forum Hall

12:30

12:45 - Poster Area 2nd
and 3rd floor
12:45 – Terrace 2A

13:00 - Exhibition and
Poster Area 2nd and 3rd
floor
14:00
Forum Hall

Title

Registration opens
Opening ceremony
Coffee break

Plenary – keynote one

Prof. Joacim Rocklöv, Head of Heidelberg Planetary Health Hub, an Alexander von Humboldt Professor, Heidelberg University
“How is climate change affecting infectious disease dynamics across Europe”

Chairs: Prof. Jens K. Habermann, M.D., Ph.D. & Prof. Agnieszka Matera-Witkiewicz
Group picture

Lunch break

Corporate workshop

Vendor tour

Parallel sessions one

3A: Preserving biodiversity: Challenges and opportunities in non-human biobanking

Chairs – Steven Smit, Jonas Astrin.

Non-human biobanks – encompassing amongst others animal, plant, and microbial specimens – are essential for life science research and biodiversity conservation. They face challenges like ethical dilemmas, data standardisation and resource limitations not unlike human biobanks. Yet, they offer opportunities for basic research, ecological restoration, agricultural resilience and scientific innovation through advanced preservation, genomics and global collaboration. This session highlights their unique role in advancing integrated health for humans, animals, and ecosystems.

Highlight Presentation: GGBN, the Global Genome Biodiversity Network and its new secretariat at LIB Biobank - Jonas Astrin. From captive chickens to wild African mammals: turning research collections into biobanks - Barbora Rolečková/ Michal Vinkler. OrganoZoo, CRB-Anim's new platform dedicated to organoids for domestic animals - Bertrand Pain. Marine cryopreservation across scales: from microbial communities to multicellular organisms - Michele Grego. MIRRI.IT – A national gateway to microbial biodiversity, scientific excellence and sustainable innovation - Rosario Musumeci.



Terrace 2A

3B: The EHDS unveiled: Latest developments and national perspectives
Chairs – Stephanie Villar, Ricard Martinez Martinez.

This session explores the evolving landscape of EU regulations shaping the future of biobanking, focusing on their ethical, legal and societal implications. Participants will examine the latest developments toward a European Health Data Space (EHDS) and gain comparative insights into how member states interpret and implement these emerging frameworks.

EHDS and secondary use of data from biobanks – Czech perspective (output) - Radek Halouzka I Jan Kuráň. Dutch law on (human) biological material - Peggy Manders. The CANDLE project – the “what” and “how” in developing the EHDS-compliant UNCAN.eu network of national cancer data nodes in Member States across Europe - Lifang Liu. Preparing a national infrastructure for EHDS implementation: the Dutch approach - Lucie Kulhánková.

Chamber Hall

3C: Biobank advanced technologies: Challenges, opportunities and solutions

Chairs – Radosław Zagożdżon, Loes Linsen.

This session will present the next generation of biobanking technologies, from automation and digital tracking to integrated data systems and innovative technologies, along with the complex realities of implementing them. Through expert insights and practical case studies, it will show how biobanks are navigating technical obstacles, regulatory demands and evolving standards, while unlocking new opportunities to enhance sample quality, accessibility and long-term value.

Implementing e-Consent to Digitise Biobank Recruitment Across a Multi-Hospital Consortium - Wayne Ng. Enhancing Pre-analytical Standardization and Biobanking Efficiency through Automation: The BioCor Biobank Experience - Laura Valentina Renna. Designing a Future Proof Automated Storage Facility: Implementation Pathways, Technical Challenges and Optimization Strategies - Nadine Volk. Automation in rehabilitation biobanking: Enhancing longitudinal sample quality through integrated liquid handling and digital traceability - Carlotta Gamberini, Ivana Marventano and Assunta Ingannato. Transforming biobank operations through integrated digital systems and efficient researcher – biobank interfaces - Corrie Wortel. Lyophilization: a Sustainable Alternative to Conventional Extracellular Vesicles Freezing - José Antonio López-Guerrero.



Terrace 2B

3D: Returning biobank data to participants: Closing the loop

Chairs – Matteo Gentili, Johanna Blom.

This session jointly organised with EP PerMed aims at being a moment of discussion between stakeholders in the process of returning to people data coming from genetic/genomic studies. Some examples of successful strategies to address this topic are already in place in countries all over the world, even though alignment and exchange of experiences is lacking and very much needed to address the ethical, legal, societal, infrastructural aspects underlying it. Return of data to patients and citizens can become a good practice of research and a powerful tool for people engagement, increasing genetic literacy, willingness to share health data and public trust in science and healthcare systems.

Advancing precision medicine through return of biobank results - Minja Pehrsson. DwarnaBio – the Maltese population biobank and insights from the Genomes of Malta - Nikolai Paul Pace. Biobank participants' choices regarding unsolicited findings and feedback - Peggy Manders. Regulatory and legal challenges of returning data to patients - Irene Schlünder. Returning Individual Participant Data in Clinical Trials “by Design”: Setting a new standard for research & patients' rights - Daniela Quaggia. Coffee break

15:30 - Exhibition and Poster Area 2nd and 3rd floor

16:00 – North Hall and Forum Hall Foyer 3rd floor

17:30

Forum Hall

Posters: session one

Parallel sessions two

5A: Building excellence: Developing skills for future biobanking

Chairs – Marialuisa Lavitrano, Daniel Brucker.

Ensuring high-quality biobanks demands expertly trained personnel. This session highlights tailored education and training opportunities for the biobank community, covering all roles – from project managers to technical staff handling samples and data. Gain insights into upskilling pathways that enhance competence and drive excellence across biobank operations.

From Gaps to Growth: Ensuring the Future of Biobank Training in Europe - Molina-Roldán E. From Community Training to a European Learning Platform: The Evolution of the BBMRI-ERIC Academy - Andrea Wutte. From Sample Storage to the Motor of AI: The SUSa Living Lab Model for Future Skills - Yulyana Kalesnik. Bridging the Gap: Transforming a Hospital Biobank into a Multidisciplinary Hub for the Clinical Research Spectrum - Edith Rubin. Improvement of biobank biospecimen packing and shipping by specific training efforts - Sara Nussbeck.



Terrace 2A

5B: AI-enhanced biobank research: Integrating, analysing and advancing biomedical discovery

Chairs – Roland Leiminger, Peter Holub.

This session focuses on artificial intelligence (AI) solutions for integrating and analysing complex datasets. Experts will discuss challenges such as managing diverse data sources and optimising machine learning algorithms for biobank data integration and large-scale analysis. The session will highlight barriers, pioneering approaches and real-world applications showcasing AI's transformative impact on biomedical research and patient care.

Highlight Speaker – Błażej Marciniak – AI friend or foe. From Fragmentation to Findability: A Federated Service Finder for Research in Switzerland - Khalil Roy. A Paradigm Shift in Disease Understanding: Leveraging Multi-Omics and Biobank Network Japan for Personalized Prevention - Soichi Ogishima.

Chamber Hall

5C: Tools and processes for quality implementation and use cases

Chairs – Fatima Qafoud, Pasquale De Blasio.

This session focuses on practical tools, methodologies and processes that strengthen quality management systems aligned with international standards such as ISO 20387. Experts will demonstrate how interlaboratory comparisons, proficiency testing and validation strategies strengthen reproducibility and data confidence. Attendees will gain hands-on insights into overcoming pitfalls, implementing quality controls and ensuring sample and data integrity across the biobanking lifecycle.

Flow Cytometry–Based Quality Assessment of Serum and Plasma for Biobanking - Lavinia Curini. Closing the Gap: Proficiency Tests Identify Cryotube Sealing Deficits Across Biobanks - Sven Heiling. HarmoniCo – Omics Interlaboratory Testing for the BBMRI.it-NiCo Network - Adami Valentina. BBMRI.nl initiative to measure temperature variation within ULT freezers in Dutch biobanks - Chiel de Theije. Paving the way for accreditation: the BBMRI-ERIC audit programme - Maïke Tauchert.

Terrace 2B

5D: Industry & academic co-creation towards personalised medicine in light of global challenges

Chairs – Jens Habermann, Roland Leiminger.

This session explores how industry and academia can collaborate to advance personalised medicine in response to pressing global challenges.

Welcome reception

19:00 - Exhibition and Poster Area 2nd and 3rd floor



Scientific programme - Thursday 21 May



08:00 – 1st floor

08:00 – Chamber Hall

09:00

Forum Hall

Title

Registration opens

ESBB General Assembly

Parallel sessions three

6A: Biobanks as local hubs: Interfaces and facilitators

Chairs – Giedrė Kvedaravičienė, Rocío Aguilar-Quesada.

This session explores the evolving role of biobanks as dynamic local hubs in biomedical research. Learn how biobanks serve as interfaces between researchers, healthcare providers and communities, facilitating data sharing, sample access and collaboration. Discover strategies to enhance their impact on translational research and innovation ecosystems.

Biobank as a platform for preventive healthcare and innovation - Eero Punkka. Empowering Biobanks as Local Hubs in a National Cancer Research Infrastructure - Căcilia Engels. The BBMRI-ERIC Negotiator: A Generic Platform for Federated Data, Sample and Service Access Management - Konrad Lang. The architecture of the BBMRI.at National Node Biobank Data Communication Platform - Volodymyr Shekhovtsov. Biobanks as Local Hubs: Interfaces and Facilitators – The Role of BBMRI.CZ in the Czech Republic - Juditát Kinkorova.

Terrace 2A

6B: Secure, fair and smart: Best practices for biobank data integration

Chairs – Urban Bren, Błażej Marciniak.

This session explores strategies to protect donor privacy while enabling cross-border data exchange through robust governance, clear agreements and legal compliance. Experts will address GDPR, data residency and practical models for Data Transfer and Processing Agreements, highlighting how federated biobanking networks connect with healthcare data ecosystems to accelerate discovery and innovation.

Negotiating Trust - Michaela Th. Mayrhofer. Building a National Genomic Data Repository: Ethics and Governance by Design - Vera Frankova. A Cryptographic Framework for Secure Biobank Data Collaboration - Philipp Ortner. From Local Management to Federated Networks: Resource Optimization and ETL Automation Using “a-small-fire”, BBMRI-ERIC Federated Platform and eBiobank - Joanna Ćwik I Kacper Bednarek. From Data Discovery to Federated Analysis: Supporting the Research Journey - Bella Anna Binoy.



Chamber Hall

6C: Ensuring excellence: Elevating data quality in biobanking

Chairs – Teresa Escámez Martínez, Agnieszka Matera-Witkiewicz.

This session explores advanced methods for assessing and improving the quality of biobank data. Participants will learn about frameworks for data capture, quality metrics and metadata that ensure scientific reliability. Through examples and new tools, attendees will gain practical insights to prevent errors, enhance reproducibility and drive impactful data-driven medical research

Highlight Speaker: Building an Interoperable Brain Metastasis Data Infrastructure: The RENACER Network Experience - Carmen Ortega-Sabater. A Reproducible Framework for Creating Validated Health Indicators from Middle Eastern Biobank Data - Aisha Al-Khinji. From Samples to Data: A Proficiency Test Concept for Data Quality in Biobanking Networks - Julian Dörenberg

Terrace 2B

6D: Patient-centric biobanking: Strategies for engagement and participation

Chairs – Eric Vermeulen, Elke Smits.

This session spotlights patients as experts-by-experience driving innovative research and establishing biobanks that address emerging health needs. It explores best practices for making biobank-based research accessible and impactful, empowering diverse communities and fostering meaningful, sustained citizen engagement to advance inclusive and patient-centered health innovation

Biobanking for long covid - Eric Vermeulen. Stakeholder engagement in European cancer research biobanking: preliminary insights from a scoping review - Arthur Haerincx. Patient-Engaged Surgical Oncology Biobanking as a Platform for Translational Precision Oncology - Yue Zhao. Inclusive Consent Strategies Across Donor Life Stages in Biobanking - Alexia Morato-Japson. Empowering Patients and Aggregating Data in Regional Digital Medicine Centers: Building a Comprehensive Data Infrastructure based on Integration and Biobanking - Emilia Spyrka.

10:30 - Exhibition and Poster Area 2nd and 3rd floor

Coffee break

11:15 – Forum Hall

Plenary – keynote two

Aneta Tyszkiewicz, Director, Science and Regulatory at the EFPIA – European Federation of Pharmaceutical Industries and Associations – “From scientific excellence to industrial leadership: Strengthening Europe’s attractiveness for research and innovation through the EU Biotech Act.”

Chairs: Christine Joye, Ayat Salman.



12:15 - Exhibition and
Poster Area 2nd and 3rd
floor

Lunch and exhibition

12:15 – Terrace 2A

Corporate workshop

12:45 - Exhibition and
Poster Area 2nd and 3rd
floor

Vendor tour

13:45
Forum Hall

Parallel sessions four

8A: Unlocking health insights from donated human tissues

Chairs – Gregor Gorkiewicz, Ayat Salman.

This session examines the ethical, technical and logistical challenges of collecting and managing human tissue donations, both post-mortem and from living donors. Experts will discuss consent, data integration and governance frameworks ensuring responsible use, sharing methodologies and case studies that demonstrate how tissue biobanks advance research and deepen understanding of health and disease.

Building Humangenom Austria: The Interplay of Ethical, Data, and Governance Dimensions - Michaela Th Mayrhofer. The Netherlands Brain Bank: An open-access platform for brain tissue and integrated health data - Jörg Hamann. The “FMT in UC” microbe and host biorepository - Gregor Gorkiewicz. Tissue Biobanking: Interface Requirements for High-Quality Support for Biomedical Research - Cecilia Engels. From Pathology to Precision Oncology: Patient-Derived Tumour and Normal Tissue Models as a Translational Interface - Beate Rinner.

Terrace 2A

8B: Balancing ethics and innovation: ELSI in biobanking

Chairs – Tom Southerington, Ronny Baber.

This session will bring complex ethical, legal and social implications (ELSI) that shape biobanking practices and influence public trust. It will show how integrating ethics directly into biobanking processes as a core component can drive responsible innovation. Participants will gain insight into strategies for navigating regulatory landscapes, addressing social concerns, and fostering collaborative environments that enhance both scientific discovery and ethical integrity.

The Seattle Principles_ Promoting a Harmonized Ethical Framework for Banking and Secondary Research Use of Human Biospecimens and Associated Data - Mark Barnes. An Ethical Engagement Model for Biobanking in Low-Resource, Culturally Diverse Settings_ Lessons from Pakistan - Nida Jawaid. BBMRI Consent to Biobanking Governance Over time and in the real world through a Standard-Based Digital Approach - Sara Casati | Francesca Frexia. Beyond the Algorithm_ Trustworthy AI and the



Role of Biobanking Infrastructures in Pathology and Imaging - Claire Lewis.
Limits of Commercialisation in Biobanking and the European Health Data
Space_ Towards Harmonised Participant Protection - Dorota Krekora-Zajac.

Chamber Hall

8C: Mastering pre-analytics: Key to reliable biobanking and biomedical research

Chairs – Radka Kaneva, Olga Kofanova.

This session highlights the pre-analytical phase of biobanking, where collection, handling and storage determine downstream success. Experts will discuss common challenges and show how precise control enhances the value of biospecimens and cellular models. Attendees will learn how optimising pre-analytics improves test performance, reproducibility and the integrity of biological data.

The effect of 11 years of storage on selected biomarkers in human blood - Ronny Baber. From Cytokines to Metabolites: Decoding Pre-Analytical History Using an NMR-Based Quality Score for Biobanks - Olga Kofanova. Targeted Red Blood Cell lysis enhanced PBMC isolation does not impact cell viability, distribution or functionality - Alanna Maguire. Optimizing Cryopreservation Methods for Biobanking 3D Bioprinted Models - Laura Valentina Renna. Optimization of Schirmer Strip Preservation and Extraction for Robust Tear Proteomics in Eye Biobanking - Haozhe Yu.

Terrace 2B

8D: Synergising resources: Public-private collaboration in biobanking infrastructure and research

Chairs – Sara Nussbeck, Eleni Fthenou.

This session highlights how public-private collaborations in biobanking drive innovation by combining strategic vision with practical implementation. Participants will explore how shared resources, expertise and technology – together with effective contracting models, fair valuation and compliance-by-design – can build sustainable research platforms and create lasting value for health research across Europe

Highlight Speaker: NURTuRE: biobanking as community infrastructure - Gaia Cantelli. Public-Private Collaboration in Action: Building a Sustainable National Biobank Platform in Germany - Sara Nussbeck. Public-private collaboration in Finnish Biobanks - Johanna Mäkelä. "It's very complicated to trust companies when you feel like: I don't have the right information!" How can research infrastructures facilitate research by companies in ways that align with citizens' expectations? - Miriam Beusink.

15:15 -Exhibition and
Poster Area 2nd and 3rd
floor

Coffee break

15:45 – North Hall and
Forum Hall Foyer 3rd floor

Posters: session two



16:45
Chamber Hall

Parallel sessions five

9A: Disease domain-specific biobanks – Rare disease insights

Chairs – Anne-Marie Vangsted, Elné Conradie.

This session explores domain-specific biobanks for rare diseases, emphasising the importance of cross-border collaboration and networks like the EuroBioBank (EBB). Discover innovative strategies for extensive sample collection, data integration and (inter)national partnerships that drive research breakthroughs, improve diagnostics and accelerate targeted therapy development for patients with rare conditions.

The key role of tissue biobanking in diagnostics of fungal diseases in organ transplants by tissue-based approaches - Katharina Hofmann.
Harmonization of Common Data Elements for Rare Disease Biobanks and Registries Using the CARE-SM Semantic Model - Kristina Vodorezova.
Practical application of FISMA in the Duchenne/Becker Biobank at LUMC: Curated registration at the source yields RWD for many purposes - Roger Snijder.
Integration of Neurosciences Biobank of Bologna in Clinical-Care Pathway: A Strategic Model for Rare Disease Research in Hereditary Optic Atrophy - Sara Mechregui.

Forum Hall

9B: Disease domain-specific biobanks – Oncology insights

Chairs – Stefan Holdenrieder, Qing Meng.

This session, organised with the International Society of Oncology and Biomarkers (ISOBM), highlights oncology biobanks and cross-disciplinary collaboration across oncology, pathology, radiology and molecular medicine. It showcases innovative approaches to biobank management and biomarker discovery that advance precision medicine, accelerate cancer research and drive breakthroughs in diagnosis, treatment and personalised therapies.

BBMRI-ERIC and ISOBM: Partnering to Advance High-Quality Biomarkers for Patient Care - Stefan Holdenrieder.
Tumor Marker Testing: Navigating Pre-Analytical, Analytical, and Post-Analytical Complexities - Qing Meng.
Biomarkers in Precision Medicine Trials: Clinical and Preanalytical Requirements - Radek Kucera.
Disease Domain-Specific Biobanks in Oncology: Insights from the ISOBM Perspective - Judita Kinkorova.

Terrace 2A

9C: Disease domain-specific biobanks – Neuroscience insights

Chairs – Maria Judit Molnar, Mieke De Wilde.

This session highlights biobanks advancing research on neurological and psychiatric disorders. Explore innovative methods for collecting, managing, and sharing samples and data across diagnostics and research. Learn how these biobanks drive molecular insights into diseases with often unclear underpinnings and limited diagnostic markers.

From Federated Pilot to National Node: Advancing Neurodegenerative Biobanks through Data Quality and Phenotype Clustering - Viktor Molnár.



The role of biobank in introduction of a new biomarker – NfL (neurofilament light chain) to clinical practice – from research to diagnostics thanks to biobank - Marta Kalousova. The Role of the CRESM Biobank and Its Sample Sharing in Advancing Multiple Sclerosis Research - Paola Valentino. Banking the Brain - Pieter Moons.

19:00 –National House of
Vinohrady **Networking dinner** (ticket only, purchase with congress pass)



Scientific programme - Friday 22 May



Title

08:00 – 1st floor

Registration opens

09:00 - Chamber Hall

10A: Ethics Café

Chairs – Assoc. Prof. Anto Čartolovni, PhD, Valentina Colcelli, PhD

10:30 – Exhibition and Poster Area 2nd and 3rd floor

Brunch, exhibition and posters

12:00

Parallel sessions six

Forum Hall

11A: Inside the biobank: Organisational structures, strategies and success stories

Chairs – Linda Fröderberg Roth, Marie Karlikova.

Dive into the inner workings of biobanks and discover how organisational models and strategic planning shape their success. This session showcases diverse approaches to governance, sustainability and stakeholder engagement, illustrated through real-world examples that highlight innovation, resilience and impact in biomedical research and healthcare innovation.

Biobanking as a Catalyst for Precision Oncology and Health Equity in Sub-Saharan Africa - Lina Winter. Biobanking to complement the HANSE study for holistic lung cancer screening in northern Germany - Karoline I. Gaede. Flexibility in Biobanking: Balancing Collections on Demand and Retrospective Use - Monika Valjan. Accredited, but Resilient? Leading an ISO 20387 Biobank through ISO 22301 Integration in Uncertain Times - Agnieszka Matera-Witkiewicz. Time to First Use of Biobank Samples: A Retrospective Analysis of Collection Types and Sample Materials in a Hospital-Based Biobank - Helmuth Haslacher.

Terrace 2A

11B: Paediatric biobanking

Chairs – Vita Rovite, Roland Jahns.

This session explores the unique challenges of paediatric biobanking, including ethical considerations, consent complexities and age-specific biological factors. Experts will share best practices for safeguarding young donors while ensuring sample quality. Attendees will learn how paediatric biobanks drive research in childhood diseases, developmental biology and personalised medicine to improve future health outcomes.

Novel Strategy in Broad Consent-based Paediatric Biobanking: Re-Information instead of Re-Consent when Minors attain Majority. - Roland Jahns. The Swedish Childhood Tumor Biobank – A national omics and tissue research resource for pediatric cancers - Johanna Sandgren.



Communication and Ethical Challenges in Pediatric Cohort-Based Biobanking: Lessons from the Birth and Three-Generation Cohort in Japan - Fuji Nagami. VIVO Biobank – Supporting Translational Research in Paediatric Cancers Linked to Innovative Clinical Trials - Eszter Tuboly. Broad consent in paediatric biobanking – A review of current practise in 10 European countries - Gesine Richter.

Chamber Hall

11C: Samples ready for multi-omics research

Chairs – Roman Hrstka, Michael Kiehnopf.

This session explores how biobanks are adapting collection, processing and storage protocols to meet the demands of genomics, transcriptomics, proteomics and metabolomics research. Experts will address operational challenges in integrating multi-omics workflows while ensuring IVDR compliance, offering practical insights into preparing high-quality biospecimens for comprehensive, reproducible multi-omics analyses.

Biobanking a comprehensive longitudinal sample and data collection from healthy blood donors - Niklas Ahlblad. Biobanking For a National Multi-Omics Cancer Project - Anjum Riaz. Integrated multiomics classification of triple negative breast cancer - Petr Lapčík. Multiomics and tumor banking: comprehensive platforms integrating cancer diversity, biomarker discovery, and personalized cancer care - Abhishek Mohanty. Multiomics analyses of osteogenically induced adipose-derived stem cells as a tool for biomed research - Stefan Rudziński.

Terrace 2B

11D: Eco-friendly green biobanking: Innovations and solutions

Chairs – Carlo Largiadèr, Erik Steinfeldler.

This session explores eco-friendly biobanking innovations and circular economy approaches addressing sustainability beyond financial viability. Amid rising energy costs and the climate crisis, we'll showcase impact assessments and solutions that reduce environmental footprints, promoting greener, more resilient biobanks for the future of research and public health.

Embedding Environmental Responsibility in Biobank Governance: The CEPH-Biobank Experience - H  l  ne Blanch  . Learnings from the Green Biobanking Survey of BBMRI.at Biobanks - Sabrina Kral. Towards Sustainable Biobanking: The Impact of Ultra-Low Storage Temperature on Sample Quality and Energy Consumption - Hannah van der Stok. Greener Biobanking Beyond Temperature Adjustment - Hilde Laeremans. Sustainable Cold Storage Transformation: Achieving Over 500,000 kWh Annual Savings Through Strategic Choices at Amsterdam UMC - Aram de Haas.

13:30 – Forum Hall

Awards and closing ceremony

Including the BBMRI-ERIC Quality Label Awards



Posters by track and topic

TRACK 1. BIOBANKING WITHOUT BORDERS: CONNECTING BIODIVERSITY, MEDICINE, AND INNOVATION

3A: PRESERVING BIODIVERSITY: CHALLENGES AND OPPORTUNITIES IN NON-HUMAN BIOBANKING

- | | | |
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| 514 | Insights into molecular mechanisms behind biological effects of polyphenolic compounds from <i>Helichrysum italicum</i> by a novel inverse molecular docking fingerprinting approach | Urban Bren |
| 534 | Towards microbiome preservation: First insights from soil microbiome preservation experiment | Sara Pipponzi Miguel Bonnin Lars Möller Wei Kheng Teh Jeena Rajan Livio Antonielli Selma Vieira Robert Finn Jörg Overmann Tanja Kostic Matthew Ryan |
| 538 | Comparative Medicine: Bridging Species | Melanie Stargardt Stefan Kummer Stefanie Burger Monika Wieser Ingrid Walter |
| 549 | Lessons from the human microbiome field: Pre-analytical variables for reliable non-human biobanking and research | Cornelia Stumptner Tanja Kostic MICROBE Consortium members ESPO WG 'Plants and Microbiome' |
| 600 | CIRM-CFBP: strategic resources for plant health. From single strains to complex microbiota | Océane Fogliani Céline Mirguet Miguel Bonnin Sara Pipponzi Isa Hollopp Clara Maire Géraldine Taghouti Cécile Dutrieux Livio Antonielli Matthew Ryan Tanja Kostic Perrine Portier |
| 621 | From Sample to Sequence: An Automated Microbiome Workflow for Diverse Sample Types | Timm Weber Jannina Dröge Julia Hassa Tobias Busche Anujan Balasubramaniam Eckard Hamelmann Patricia Maasjosthusmann Gabriele Anton |
| 672 | Preserving biodiversity: challenges and opportunities with biobank establishment and long-term storage of marine microbial isolates and invertebrate tissues | Miroslava Atanassova Maria Elisabeth Brandal-Berstad Gyda Christophersen Beate Julie Thu |
| 719 | Animal Models to Histology: BMB NORD Enabling the Preclinical to Clinical Research | Ramez Alkhatib Agnes Jonathan Sikamph Sebastian Marwitz Martin Wolff Franziska Marwitz Torsten Goldmann Karoline I. Gaede |



5A: BUILDING EXCELLENCE: DEVELOPING SKILLS FOR FUTURE BIOBANKING

- 493 Knowledge management to empower the next generation biobankers Marianne Henderson
- 510 Dutch biobank course for professionals P. Manders | J. Vos | J. Hamann | on behalf of BBMRI.nl
- 553 Building quality competence in biobanking through Swiss–Czech collaboration: a stepwise train-the-trainer framework for ISO 20387 implementation Sabine Bavamian | Lou Ferraton-Walder | Joséphine Uldry | Kristina Greplova | Jana Gottwaldova | Flavien Delhaes | Raphaël Colsenet | Christine Joye
- 558 Continuous training to reinforce key strategic roles of biomedical research biobanks Isabel Novoa | Shirley Guzmán | Ângela Afonso | Marta Vallve | Ana Jimenez | Nerea Fernandez | Sheyla Pascual | Ionela Toader | José Maximino
- 721 Inventory of Available Biobank Capabilities and Services: A Standardized Service Catalogue for BBMRI-ERIC Sten Hanke | Apostolos Malatras | Hassan Zohaib | Cécilia Engels | Błażej Marciniak

6A: BIOBANKS AS LOCAL HUBS: INTERFACES AND FACILITATORS

- 479 Accelerating Biobank Datafication through a Two-Level ETL Strategy: The Swiss Node Contribution to the national (NEXt) and European (BBMRI-ERIC) e-catalogue Delhaes F | Roy K | Roy L | Colsenet R | Uldry J | Bavamian S | Joye C
- 573 Comparison of two MSI testing methods for Biobank Colorectal Cohort. Christine Greene | Lauren McConnell | Clare Crean | Claire Lewis | Mark Catherwood | Jacqueline James
- 578 Biobankers as Catalysts for Transforming Research Laboratory Cold Storage Katheryn Shea
- 617 Networking for Translational Impact in the German Centres for Health Research (DZG): Biobanks as Interfaces and Facilitators Cécilia Engels | Sara Nußbeck | Cristina Hagemann | Tilman Pfeffer | Katja Steiger | Heidi Altmann | Inga Bernemann | Karoline Gaede | Bärbel Fösel | Bettina Lorenz-Depiereux
- 693 The I FAIR Program: a collective space for independent clinical research in Sardinia Franco Cappai | Caterina Giorgia Carboni | Ernesto D'Aloja | Giovanni Delussu | Francesca Fexia | Cécilia Mascia | Vittorio meloni | Giuseppe Serra | Giovanni Sotgiu | Alessandro Sulis
- 708 Integrating Healthcare, Biobanking, and Clinical Research Systems within Regional Digital Medicine Centres in Poland Mateusz Sikora | Emilia Spyрка | Maciej Pondel | Przemysław Wieczorek | Agnieszka Siennicka | Agnieszka Matera-Witkiewicz
- 713 Developing a Biobank network among major sarcoma treatment centers to improve biomedical research: recent advantages in the PANORAMA project Michela Russo | Giovanna Magagnoli



8A: UNLOCKING HEALTH INSIGHTS FROM DONATED HUMAN TISSUES

- | | | |
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| 712 | Substantial genetic findings in post-mortem donated tissues prompting the need for data integration with in-vivo findings: A legal approach. | Erdina Ene |
| 716 | The Netherlands Heart Tissue Bank Strengthening the cardiovascular research infrastructure with an open access Cardiac Tissue Repository | Michiel Henkens Erik van Iperen Maureen van der Arend Rogier Veltrop |

11A: INSIDE THE BIOBANK: ORGANISATIONAL STRUCTURES, STRATEGIES, AND SUCCESS STORIES

- | | | |
|-----|---|---|
| 477 | Monitoring biobank utilization using OpenSpecimen: Insights into storage growth and sample use | Erik van Iperen Maureen van der Arend Jörg Hamann Adrie Kromhout |
| 487 | The Sciensano Biobank – Milestones in a Belgian legal and quality context | David Triest Pauline Pauss Nawal Azghay Katherine Espinoza Rimachi Marina Mukovnikova Alexandra Vodolazkaia |
| 490 | Ensuring Traceability and Cold-Chain Integrity Through Kit Manufacturing and Receiving Stations in a SANAS-Accredited Biorepository | Langelihle Mlambo |
| 491 | Unlocking the Potential of Biobanks: Assessing the Value of Historical Plasma Samples for Molecular Diagnostics | Asanda Msweli |
| 499 | BBMRI.nl as integral part of a sustainable national health and life science data infrastructure | Jörg Hamann Julia Bongers Femke Krause Lucie Kulhánková René Oostergo Peggy Manders on behalf of BBMRI.nl |
| 507 | Role of JFM CU in Establishing Systematic Biobanking in Slovakia | Romana Zahumenska Zuzana Dankova |



- 508 Strengthening Biobank Sustainability: Adapting an Evaluation Framework for Storing Biobank Collections within the Belgian context
David Triest | Elke Berneel | Morgane Canonne | Annelies Debucquoy | Annemieke De Wilde | Stéphanie Gofflot | Ilse Gutierrez-Roelens | Loes Linsen | Katherine Loens | Peggy Manders | Pieter Moons | Liselot Mus | Caroline Rombouts | Elke Smits | Kimberly Vanhees | Maartje Van Frankenhuijsen | Alexandra Vodolazkaia | Natasha Wauters | Manon Huizing
- 525 Transformative Quality Management: ISO 9001 Tools Driving Service Excellence in Biobank Administration
Grodziecki A. | Hinze M. | Döllinger C. | Brobeil A. | Volk N. | Hofmann K. | Schirmacher P. Isabel Novoa | Ana Jimenez | Nerea Fernandez | Mónica Anglada | Herimar Meneses | Helena | Isaac Rodriguez
- 537 Relocation of a biobank: critical points and planification
A. Jimenez | P. Ferro | C. Cañadas | L. Albendin | M.A. Camacho | A. Toledo | A. Cespedes | T. Diaz
- 541 Integrated Crisis Management and Cold Chain Resilience: Responding to a National Grid Failure in a Multi-Site Biobank Network.
Veronika Perz | Sabrina Kral | Marcus Blohs | Ioannis Temponeras | Thomas Gkekas | Felix Aigner | Philipp Stiegler | María Gonzalez Oter | Raquel Alcaraz Ortega | Zheshe Jiang | Nicolas Gillain | Ioannis S. Papanikolaou | Eleni Koukouloti | Susanne F. Jørgensen | Sisse H. Njor | Maja Ravnik | Sergej Cerncic | Dimitrios Kypreos | Vasilis Giannakopoulos | Constantina Cloconi | Antria Savva | Stephanie Gofflot | Monika Valjan
- 543 Biobanking on Demand: A Future Model for Biobanking? Insights from the EU Project DIOPTRA
Amalia De Curtis | Sara Magnacca | Licia Iacoviello | Maria Benedetta Donati
- 548 Moli-Bank: challenges and opportunities in aligning a historical population biobank with ISO 20387:2018
Ellen Van Houtven
- 556 Integrated contract and financial management within the BioSLIMS platform: towards automated and traceable biobank administration
- 569 Optimizing Biobank Quality Systems and Communication with Accessible Digital Tools: The Valdecilla Biobank Experience
Ines Santiuste | Jana Arozamena | Laura Canales | Amanda De La Fuente | Lucia Rueda | Alicia Garcia-Alonso | Maria Jose Marin-Vidalled
- 583 UBiLim: A Federated Biobank Model for Advancing Translational Research in Belgium
Vanhees Kimberly | Koen Magerman | Joris Penders | Veerle Somers | Piet Stinissen | Jean-Luc Rummens
- 585 A Collaborative Communications Toolkit to Strengthen Stakeholder Engagement in European Biobanking
Verena Huth | Mariangela Masiello | Cornelia Specht | Eleanor Shember



- 608 The Moli-sani Study and the Moli-Bank: Twenty Years of Population-Based Epidemiology, Biobanking, and International Collaboration
Sara Magnacca | Amalia De Curtis | Simona Costanzo | Augusto Di Castelnuovo | Chiara Cerletti | Licia Iacoviello | Maria Benedetta Donati
- 624 Strengthening the Common Service IT of BBMRI.it
Andrea Manconi | Matteo Gnocchi | Maria Milanese | Marco Moscatelli | Marialuisa Lavitrano
- 635 A picture is worth a thousand words – visual representation of a clearly understandable workflow for optimising biobank processes
Rebecca Schönmehl | Annalena Artinger | Lina Winter | Felix Becker | Romy Kirsten | Christoph Brochhausen
- 637 TNGB new era in the Advancement of Rare Disease Biobanking
Marta Calzolari | Lorena Casareto | Manuela Locatelli | Luca Sangiorgi | Telethon Network of Genetic Biobanks
- 647 The Road to BBMRI-ERIC Quality Label and ISO 20387: Implementing a Quality Management System at the BioCor Biobank
Renna Laura Valentina | Gallo Giuseppe | Curini Lavinia | Madè Alisia | Scarabelli Sofia Ester | Menicanti Lorenzo | Cerri Ambra | Fruscante Ignazio | Capuzzo Alice Maria | Ricotti Mattia | Cardani Rosanna
- 660 Tissue Banks and Biobanks: Differences in the Preparation of Cell and Tissue Grafts for Clinical Use and Samples for Scientific Purposes.
Katerina Jirsova | Pavel Měříčka | Tomáš Zima
- 666 Advancing Cancer Research through High-Quality Biobanking at the BBIRE Biobank Regina Elena Cancer Institute
Federica Rossi | Brindusa Ana Maria Arteni | Celeste Accetta | Martina Betti | Mariantonia Carosi | Chiara Mandoj | Giovanni Cigliana | Beatrice Casini | Elisa Melucci | Valentina Bruno | Sara Donzelli | Giovanni Blandino | Edoardo Pescarmona | Matteo Pallocca | Simona Di Martino
- 682 Re-Engineering an Existing Research Management System (RMS) for Fresh Human Biological Samples (HBS)
Harika Nadapana | Kirstin Goldring | Simon Renshaw | Adrienn Blasko | Arunima Ghosh | Fabricio Barros
- 686 Developing a Cost Recovery Model for Italian Biobanks: A BBMRI.it Working Group Initiative
Francesco Colaci
- 691 A Project-Integrated, Standardized Biobanking Model for Translational Research Applications
Huma Gunay | Gizem Onder | Alper Akkus | Gulsah Sebnem Ozkose Iyigel | Sevan Gurun | Karen Telciyan | Eylül Aydin | Ozlem Akgun Dogan | Ozden Hatirnaz Ng | Ozkan Ozdemir | Yasemin Alanay
- 700 From Concept to Operation: The Establishment of the AlmaMicrobiome Biobank
Monica Forni | Alice Bernardi | Patrizia Brigidi
- 726 Getting the Word Out: The Value of a Dedicated Journal for Biobanking and Biopreservation
Marianna J Bledsoe



TRACK 2. ETHICS, REGULATION AND DIGITAL INNOVATION: NAVIGATING THE FUTURE OF BIOBANKING

5B: AI-ENHANCED BIOBANK RESEARCH: INTEGRATING, ANALYSING AND ADVANCING BIOMEDICAL DISCOVERY

- 562 Federating Research Infrastructure Data for AI- Driven Life Sciences: The RI-SCALE Data Exploitation Platforms Robert Harb
- 729 Biobank of Eastern Finland provides multimodal data resources for AI-driven biomedical research Ella Ikonen

6B: SECURE, FAIR AND SMART: BEST PRACTICES FOR BIOBANK DATA INTEGRATION

- 488 Multimodal Data Integration at the Biospecimen Level: Metadata Schema for Linked Genomic, Radiological and Whole Slide Imaging Data Radoslava Kacová | Joeri van der Velde
- 497 Cybersecurity in Biobanking: the Legal Framework protecting and securing data Catarina Almeida | Nikolaus Forgó | Theresa Henne | Rodessa May Marquez
- 503 A Framework for Linking Precision Nutrition Data with the National Integrated Bio Big Data Project in South Korea Lee, Haeng-Shin | Kim, Yongsoo | Lee, Jeeyeon | Lee, Sun-Young
- 614 From Local Biobank to European Federated Ecosystem: Implementing Interoperability, Provenance and AI for Secure Data Reuse Garcia-Molina E | Parreño Gonzalez MA | Legaz García MC | Agustín García C | López Marín JP | Esteban Gil A | Escamez Martinez T
- 626 GDPR conform data integration and provision at the iBDF Kristina Goetze | Timo Schneider | Abisha Vengadeswaran | Jaqueline Patzek | Dennis Kadioglu | Daniel Brucker
- 674 Operationalizing a Standardized, EHR-Integrated Framework for Precision Medicine: The Dubai Health Biobank Model Khawla Al Zarooni | Osman Zin AlAbdin | Fatma Almheiri | Asiyah Shafi | Neha Sharma | Syeda Sadaf Rizvi | Razaz Alnakhli | Hind Al Taher | Massimo Pignatelli | William Atiomo | Fadi Mirza | Sadra Alhaj Ali
- 706 European Whole Slide Image Cohorts: Pathology Data Presentation Using cBioPortal and xOpat Jiří Horák
- 722 Enabling AI-driven research through ethical governance and standardized imaging integration in biobanks: The Bologna Neuroscience Biobank workflow Michele Fruci | Sara Mechregui | Flavia Lioi | Erica La Manna | Lorenzo Gasparini | Cecilia Garofalo | Raffaele Lodi



8B: BALANCING ETHICS AND INNOVATION: ELSI IN BIOBANKING

- 468 Building Biobank-Centered Collaboration in Rare and Undiagnosed Diseases under ELSI Principles Beste Özkalay
- 550 Beyond the Algorithm: Trustworthy AI and the Role of Biobanking Infrastructures in Pathology and Imaging Melanie Goisaufl | Mónica Cano Abadía
- 685 The Italian "Code of Conduct for the processing of personal data for statistical and scientific purposes" under review: the key role of BBMRI.it Sara Casati | Matteo Macilotti | Marialuisa Lavitrano | Laura Milita
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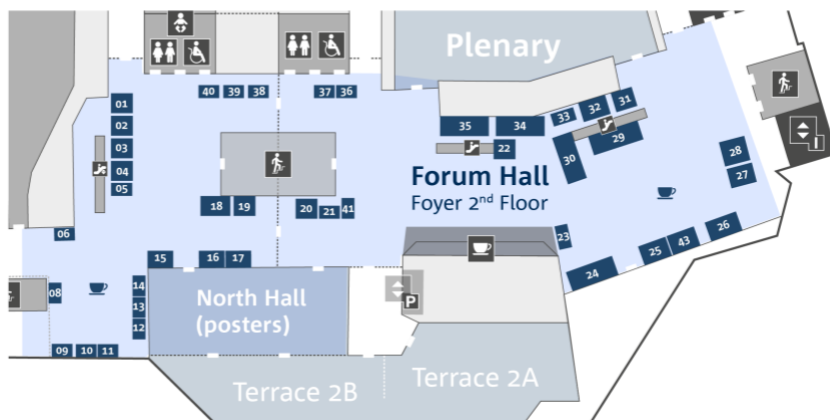
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| 06 B Medical Systems | 28 LiCONiC AG |
| 08 Sampled | 29 Haier Biomedical |
| 09 Amsbio | 30 LVL technologies |
| 10 LabTech Srl | 31 Cryotherm |
| 11 CRYO BIO SYSTEM | 32 PHC Europe B.V. |
| 12 Specie Bio | |
| 13 Nexpring Health | 33 IQVIA |
| 14 NORAYBIO SOFTWARE | 34 F-DGSI & Auguste Cryogenics |
| 15 STEMCELL Technologies | 35 SOL GROUP |
| 16 ISENET - DiData | 36 OpenSpecimen - Biobanking LIMS |
| 17 Europe Biobank Week 2027 | 37 Festo |
| 18 Azenta Life Sciences | 38 ASKION |
| 19 Phasetwo / tec-lab | 39 300K Solutions |
| 20 MVE Biological Solutions | 40 Vacuum Barrier Systems |
| 21 BRUKER BioSpin GmbH | 41 Agilent Technologies |
| 22 Tecan | 42 BBMRI.it |

Exhibition (2nd floor)





Information for speakers

Speaker Ready Room – ask at registration for directions

Opening times:

Tuesday, 13 May 08:00 – 16:30

Wednesday, 14 May 08:00 – 18:30

Thursday, 15 May 08:00 – 18:30

Friday, 16 May 08:00 – 14:30

Procedure

All presentations are uploaded into a PowerPoint handling system by the technicians in the Speaker Ready Room. This system will store and distribute your presentation(s) to the session hall(s) for your session(s). Your presentation will then be available on the computer in your session hall when you go there to speak.

If you have more than one speech during the congress, you can upload all your presentations at the same time and they will be sent to the corresponding session halls at the time of your speech.

Conflicts of interest

Speakers have received the Conflict of Interest (COI) form which must be completed, signed and returned to qm@bbmri-eric.eu

Conflicts of interest need to be disclosed mandatorily on the first slide of your presentation. Therefore, we kindly ask you to include a copy of the completed COI form in your presentation

Starting your talk: Session Hall

When

Arrive **10 minutes before the session begins** and confirm your presence to the chairperson and the room attendant of the session.

Keep to time

In terms of fairness, please **keep to time** that has been allocated for your talk. The chairperson will alert you in case you exceed the time limit of your presentation. Please keep in mind the congress has a tight schedule.

Q&A

Calculate **2-3 minutes for Q&A** within your dedicated time of talk. If you finish your talk early enough, the chairperson will ask the audience for questions.

These guidelines should be seen as help to improve the effectiveness of the Speaker Ready Room upload and, consequently, will result in a higher comfort for the speakers.



Thank you for your participation in the programme of #EBW26!



Organising committees

Europe Biobank Week is only possible thanks to the dedicated effort of staff and volunteers from BBMRI-ERIC, ESBB, our organising partner - AIM Group, and the wider biobanking and biomolecular resources communities.

This year, the organising committees comprise:

Steering committee

Prof. Jens K. Habermann	BBMRI-ERIC Director General
Dipl.-Ing. Roland Leiminger	ESBB President
Dr. Agnieszka Matera-Witkiewicz	ESBB Vice-President
Joanna Glenska-Olender	ESBB
Dr. Eleanor Shember	BBMRI-ERIC
Thomas Steger	BBMRI-ERIC
Barbora Halmova	BBMRI-ERIC
Bettina Pugl	AIM Austria (PCO)
Aljosha Glitzner	AIM Austria (PCO)

Programme committee

Jörg Hamann	BBMRI-ERIC Netherlands
Olga Kofanova	ESBB
Ronny Baber	ESBB
Annelies Debucquoy	BBMRI-ERIC Belgium
Bettina Pugl	AIM Austria (PCO)

Poster sub-committee

Rocío Aguilar-Quesada	ESBB
Nahla Afifi	ESBB
Ronny Baber	ESBB
Fatima Qafoud	BBMRI-ERIC
Sabine Bavamian	BBMRI-ERIC
Bettina Pugl	AIM Austria (PCO)

Pre-Conference Workshops Sub-Committee

Ronny Baber	ESBB
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Zdenka Dudová	BBMRI-ERIC
Kateřina Nováková	BBMRI-ERIC
Bettina Pugl	AIM Austria (PCO)



Sponsorship & Exhibition Sub-Committee

Rolf Morselt	ESBB
Roland Leiminger	ESBB
Manuela Pausan	BBMRI-ERIC
Bettina Pugl	AIM Austria (PCO)
Aljosha Glitzner	AIM Austria (PCO)

Marketing & Communications Sub-Committee

Ayat Salman	ESBB
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Błażej Marciniak	ESBB
Mariangela Masiello	BBMRI-ERIC
Bridget Sheehan	BBMRI-ERIC
Michael Prattes	BBMRI-ERIC
Bettina Pugl	AIM Austria (PCO)
Aljosha Glitzner	AIM Austria (PCO)

Social & Networking Events Sub-Committee

Marie Karlíková	ESBB
Zdenka Dudová	BBMRI-ERIC
Kateřina Nováková	BBMRI-ERIC
Bettina Pugl	AIM Austria (PCO)