

Biobanks in Health Research: Advancing Innovation & Improving Patient Care

Tuesday, June 17th

NOVA Medical School | UNL
Campo Mártires da Pátria 130, 1169-056 Lisboa

This event aims to explore the critical role of biobanks in advancing biomedical research by addressing current challenges, opportunities, and innovative solutions. Through presentations and roundtable discussions with invited national and international experts the event will offer insights on key topics:

- 1) Ethical, legal, and operational complexities of biobanking;
- 2) Strategies to enhance data value using artificial intelligence and FAIR principles;
- 3) Design and implementation of international multicentric clinical trials, and patient engagement in clinical research.

This event provides a unique platform to connect researchers, clinicians, policymakers, and industry partners, advancing Portugal's role in international biomedical research and strengthening the future of Biobanco.pt.



Photo by João Balsa

Registration deadline: June 6th

Register here:

<https://forms.office.com/e/TH9buN9RTi>

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09:30 - 09:50

Welcome and registration

9:50 - 10:00

Welcome speech by NMS Board of Directors (João Conde / Helena Canhão)

10:00 - 10:10

Welcome by Eatris.PT (Helena Baião / Claudia Faria)

10:10 - 11:30

Roundtable: **Strengthening the national network of biobanks - Key Challenges and Opportunities**

Participants:

Sérgio Dias, GIMM Biobank
Ana Rodrigues, CHAIN|NMS biobank
Mireia Castillo-Martin, Champalimaud Biobank
Paulo Bettencourt, Católica Biobank
Marta Barreto, INSA|Ricardo Jorge Biobank
Ana Paula Arez, IHMT Biobank

Moderated by Maria Assunção (NMS) and Ângela Afonso (GIMM)

11:30 - 11:50
Coffee Break

International perspective on Biobanks

Host: Mariana Silva

11:50 - 12:15

"Biobanks as essential hubs for research:

The role of the HCB-IDIBAPS Biobank in supporting studies with human biological samples and associated data"

by Teresa Botta Orfila (IDIBAPS)

12:15 - 12:40

HUVH Biobank: Strategic planning for improvement
by Isabel Novoa Garcia (VHIR)

12:40 - 13:05

"From Collection to Characterization: Overcoming Challenges in Extracellular Vesicles Biobanking"
by José Antonio López-Guerrero (UMIC CIPF-IVO)

13:05 - 14:30
Lunch & Networking

14:30 - 14:50

AI solutions in health
by ILOF (tba)
Host: Ana Cachucho

14:50 - 15:50

Roundtable: **Maximizing Clinical Research Data Value Through AI**

Participants:

(ILOF)
Isabel Novoa Garcia (VHIR)
Tiago Paixão (GIMM)
Duarte Folgado (Fraunhofer)
Minia Varela (GIMM)
Rune Matthiesen (NMS)

Moderated by Marta Passadouro (EIT Health)

15:50 - 16:10
Coffee Break

16:10 - 16:30

"Multicenter Clinical Studies and Biobanks: From Sample Collection to Biomarker Qualification"

by Catarina Madeira (CoLab Trials, NMS)
Host: Judite Costa

16:30 - 17:30

Think Tank: **Multicenter studies, optimizing samples, data sharing and patient engagement**

Participants:

Teresa Botta Orfila (IDIBAPS),
Sérgio Dias (GIMM),
Ana Lopes (ULS Santa Maria | CAML),
Sara Maia (NMS, NOVA Cru)
José Antonio López-Guerrero (Fundación Instituto Valenciano de Oncología, Director Científico de Biobanco)

Moderated by Catarina Madeira (CoLab Trials, NMS)

17:30
Final Remarks