



RESEARCH CONFERENCES

ESF-UB Conference in Biomedicine

Biobanks: Introduction and Next Steps

Hotel Eden Roc, Sant Feliu de Guixols (Costa Brava) •
Spain

1-6 November 2008

Chairs:

Alberto Orfao, University of Salamanca, ES

Kurt Zatloukal, Medical University of Graz, AT

Organising Committee:

Andrés García-Montero, University of Salamanca, ES

Elena Chamorro, University of Salamanca, ES

María Almeida, University of Salamanca, ES

Ana Regalado, University of Salamanca, ES

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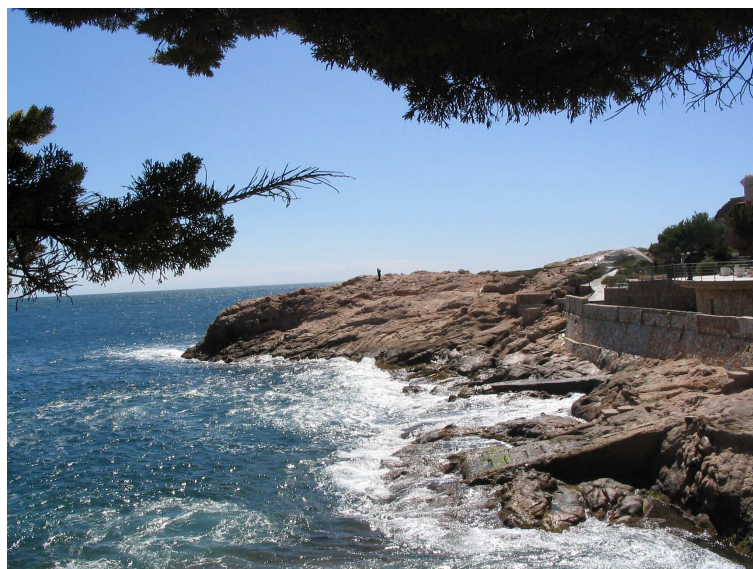


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Final Programme

Saturday, 1 November

Late afternoon / early evening	Registration at the ESF-RC desk
19.00	Welcome Drink
20.00	Dinner

Sunday, 2 November

09.00-09.40	Conference Opening Alberto Orfao University of Salamanca, ES Kurt Zatloukal Medical University of Graz, AT Thomas Bruhn European Science Foundation, FR Jose Maria Palacios University of Barcelona, ES
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Session 1: Practical Design and Management of a Biobank

Chair: **Bill Ollier**, University of Manchester, UK

09.40-10.20	Paul Burton University of Leicester, UK <i>Design and specifications of biobanks</i>
10.20-10.50	Coffee break
10.50-11.30	Bill Ollier University of Manchester, UK <i>From the sample to the researcher: types of samples, sample preparation, manipulation and archiving</i>
11.30-12.10	Jim Vaught National Cancer Institute, US <i>Development and implementation of a quality control/quality assurance for biological resources: the NCI experience</i>
12.10-12.25	Thomas Arzberger Ludwig-Maximilians University, DE <i>Brain Net Europe – a Network of European Brain Tissue Biobanks</i> (short talk)
12.25-12.40	Ramon Risko University of Sevilla, ES <i>Innovative technologies for cryopreservation of cancer-relevant samples for biobanking</i> (short talk)
13.00	Lunch

Session 2: Data Archiving and Management: the IT Infrastructure

Chair: Jan-Eric Litton, Karolinska Institutet, SE

- 15.00-15.40 **Erich Wichmann**
Helmholtz Center, DE
Phenotypic and genetic information associated to a biobank
- 15.40-16.20 **Juha Kononen**
University of Tampere, FI
Creation of integrated data mining environment linking individual data to clinical cellular and molecular information
- 16.20-16.50 Coffee break
- 16.50-17.30 **J.J. Nietfeld**
University Medical Center Utrecht and INTRESCO, NL
Software codes versus biocodes for sample and data traceability
- 17.30-18.10 **Jan-Eric Litton**
Karolinska Institutet, SE
Harmonization of IT infrastructure across countries
- 18.10-18.25 **Inés Barrecheguren**
Noray Bioinformatics, S.L., ES
Software platforms for Biobanks Information management and traceability (short talk)
- 18.25-18.40 **Kharlampi Tiras**
Russian Academy of Sciences, RU
General biology in 21 century: from museums of "mortified" samples to electron images of living biological objects (short talk)
- 19.00 Dinner
- 20.30-21.30 Poster Session I

Monday, 3 November

Session 3: Biobanking Ethics and Governance

Chair: Bartha Maria Knoppers, Université de Montréal, CA

- 09.00-09.40 **Bartha Maria Knoppers**
Université de Montréal, CA
Laws and regulations on biobanks: present status and future directions
- 09.40-10.20 **Jane Kaye**
University of Oxford, UK
Intellectual property and commercial issues around biobanking
- 10.20-10.50 Coffee break
- 10.50-11.30 **Anne Cambon-Thomsen**
INSERM, FR
Promoting the use of biobank resources: the challenges of exchanges and openness policies
- 11.30-11.45 **Susan Wallace**
Université de Montréal, CA
CARTaGENE Governance Mechanism: Past, Present and Future (short talk)
- 11.45-12.25 **TBA**
Affiliation
Lecture
- 13.00 Lunch

Session 4: Public Engagement

Chair: Anne Cambon-Thomsen, INSERM, FR

- 15.00-15.40 **Sandra Lee**
Stanford University Medical Center, US
Community-based genetic studies: experiences from donor recruitment to social impact
- 15.40-16.20 **Catherine McCarty**
Marshfield Clinic Research Foundation, US
Community engagement for a population-based biobank: the Marshfield Clinic Personalized Medicine Research Project experience
- 16.20-16.50 Coffee break
- 16.50-17.30 **Herbert Gottweis**
Universität Wien, AT
Publics and images of biobanks
- 17.30-18.10 **David Gurwitz**
National Laboratory for the Genetics of Israeli Populations
Public biobanks: involvement of children
- 18.10-18.25 **Joe McPartlin**
Trinity College Dublin, IE
Public Response to Request for a DNA Sample For Research (short talk)
- 18.25-18.40 **Alison Parry-Jones**
Cardiff University, UK
Patient Involvement (short talk)
- 19.00 Dinner
- 20.30-21.30 Poster Session II

Tuesday, 4 November

- 08.30-09.30 **Jaume Bertranpetit**
Universitat Pompeu Fabra, ES
Genomic analysis in the growing biobanks world

Session 5: Population-Based Biobanks

Chair: Andres Metspalu, University of Tartu, EE

- 09.30-10.10 **Kari Stefansson**
University of Iceland, IS
Whole population based biobanks: lessons from Iceland model
- 10.10-10.40 Coffee break
- 10.40-11.20 **Jaakko Kaprio**
University of Helsinki, FI
The Genome EU Twin Project: a tool for genetic/lifestyle environmental research
- 11.20-12.00 **Andres Metspalu**
University of Tartu, EE
The Estonian population-based genome biobank project
- 12.00-12.40 **Alejandra Contreras**
National Institute of Genomic Medicine, MX
A DNA bank to track back population genomics: the INMEGEN biobank
- 12.40-12.55 **Collet Dandara**

University of Witwatersrand, ZA
Genetic diversity in African populations with respect to pharmacogenetically relevant genes
(short talk)

12.55-13.10

Rikke Lund

Copenhagen University, DK
Life course influences on Biomarkers in Midlife? The Copenhagen Aging and Midlife Biobank
(short talk)

13.30

Lunch

14.30-18.00

Half-Day Excursion to Gerona (free time)

19.00

Dinner

Wednesday, 5 November

Session 6: Clinical Biobanks

Chair: Erich Wichmann, Helmholtz Center, DE

09.00-09.40

Joseph Mintzer

Coriell Institute for Medical Research, US
Global centers for biological resources: the Coriell/BioRep experience

09.40-10.20

Andres Garcia-Montero

University of Salamanca, ES
The Spanish National DNA bank infrastructure: promoting disease-oriented genetic/genome research

10.20-10.50

Coffee break

10.50-11.30

Pierre Hainaut

International Agency for Research on Cancer, FR
Biobanks for epidemiologic studies: the EPIC/IARC experience

11.30-12.10

Robert Hewitt

NUH-NUS Tissue Repository, SG
Biobank networks in Asia

12.10-12.25

Carla Nisii

National Institute for Infectious Diseases L. Spallanzani, IT
The biobank of the National Institute for Infectious Diseases 'L. Spallanzani': a facility at the service of research on infectious diseases
(short talk)

13.00

Lunch

Session 7: Future Challenges in Biobanking

Chair: Kurt Zatloukal, Medical University of Graz, AT

14.30-15.10

Isabel Fortier

Université de Sherbrooke, CA
Towards harmonization of biobanking initiatives, a comparative analysis of population-based biobanks

15.10-15.50

Kurt Zatloukal

Medical University of Graz, AT
The BBMRI European project

15.50-16.20

Coffee break

16.20-17.00

Julie Corfield

AstraZeneca R&D Charnwood, UK
*Relevance of biobanking to sustain R&D activities of the Pharmaceutical Industry
(in Europe)*

17.00-18.00

Business Meeting

18.00-19.00

GertJan van Ommen

Leiden University Medical Centre, NL

Advances in sample analysis: complex molecular phenotyping and whole genome sequencing

19.15

Get-together & Conference Dinner

Thursday, 6 November

08.00-09.00

Breakfast and Departure Buses at 08.00 and 09.00

Abstracts, Posters & Short Oral Presentations

There will be no short talks other than those listed on the programme. All other abstracts have been accepted as posters. The list of accepted posters is available from www.esf.org/conferences/08265.

Posters can be fixed with self-adhesive tape, blu-tack or drawing pins onto double-sided poster panels. Recommended poster size is 130 cm high x 130 cm wide. Use letters and drawings that can be read from approximately 100 cm distance.