OECI - ESO COURSE
BIOBANKING FOR CANCER RESEARCH:
RULES AND ROLES

November 12-13, 2010 - Bari, Italy

Istituto Tumori “Giovanni Paolo II”
NCC Bari, Italy

Endorsed by
International Society for Biological and Environmental Repositories

Under the auspices of
European Organization for Research and Treatment of Cancer
MODERATORS AND SPEAKERS

Fay Betsou  Chief Biospecimen Science - Integrated Biobank of Luxembourg, Luxembourg

Giuliano D’Agnolo  Alleanza Contro il Cancro and Vice-President Italian National Committee for Biosecurity and Biotechnologies and Life Sciences (CNBBSV), Roma, Italy

Maria Grazia Daidone  Chairman EORTC Pathobiology WG, Fondazione IRCCS, Ist. Nazionale dei Tumori, Milano, Italy

Pasquale De Blasio  One Managing Director Biorep (Independent Service Provider), Milano, Italy
President of ESBB, European, Middle-Eastern and African Society of Biopreservation and Biobanking

Giuseppe Diaferia  Biologist Biorep (Independent Service Provider), Milano, Italy

Chiara Ferrandi  PhD Procelltech, Colleretto Giacosa, Torino, Italy

Jaqueline Hall  Head EORTC Translational Research Unit, Brussels, Belgium

Mats G. Hansson  Director Centre for Research Ethics and Bioethics, Uppsala University, Sweden

Antonio Llombart-Bosch  Chairman OECI Molecular Pathology WG
Professor Emeritus, Faculty of Medicine, University of Valencia, Spain

Manuel Morente  Head of the CNIO Tumour Bank Unit - Coordinator of the Spanish Tumour Bank Network - Spanish National Cancer Centre, Madrid, Spain

Angelo Paradiso  Scientific Director NCC, Bari
National Coordinator ACC Italian Cancer Biobanks Network, Italy
Chairman OECI Education and Training WG

Giuseppe Pelagio  Biobank Executive Manager “Giovanni Paolo II” National Cancer Center, Bari, Italy - ESBB European, Middle East and African Society of Biopreservation and Biobanking Programme Committee

Carlo Petrini  Head Bioethics Unit, Office of the President, Italian National Institute of Health, Roma, Italy

Marco Pierotti  OECI President - ACC Scientific Secretary
Scientific Director Fondazione IRCCS, Istituto Nazionale Tumori, Milano, Italy

Girolamo Ranieri  M.D. Interventistic Radiology Unit NCC, Bari, Italy

Peter Riegman  ISBER Past President, Rotterdam, the Netherlands
Chairman OECI WG on Cancer Biobanks

Paolo Roazzi  Director IT Unit Superior Institute of Health (ISS) Roma, Italy

Giorgio Stanta  Professor of Pathology, University of Trieste, Italy

Nicola Zizzo  Professor of Veterinary Pathology, University of Bari, Italy
FRIDAY NOVEMBER 12, 2010

09:00 REGISTRATION AND WELCOME

09:30 OPENING REMARKS AND COURSE INTRODUCTION

Angelo Paradiso (Bari, Italy) Course Director
Peter Riegman (Rotterdam, the Netherlands)
Maria Grazia Daidone (Milano, Italy)
Marco Pierotti (Milano, Italy)

Morning Session:
REGIONAL, NATIONAL AND INTERNATIONAL BIOBANKING SCENARIO

CHAIR: Peter Riegman

10:00 Impact expectations of Biobanking on International Cancer research using a new networking concept
    Peter Riegman (Rotterdam, the Netherlands)

10:30 Biobank networking: the European Network initiative (BBMRI) and the Italian participation
    Giuliano D’Agnolo (Roma, Italy)

11:00 Biological material collection in clinical trials: the approach of the EORTC
    Jaqueline Hall (Brussels, Belgium)

11:30 Coffee Break/Poster View

11:45 The Italian Network of Cancer Biobanks (RIBBO)
    Angelo Paradiso (Bari, Italy)

12:15 Regional Biobank Networks and the R.O.L.
    Maria Grazia Daidone (Milano, Italy)

12:45 Quality assurance in Cancer Biobanking
    Fay Betsou (Luxembourg)

13:15 Discussion

13:30 Lunch
**Afternoon Session:**

**REGULATORY AND TECHNICAL STANDARDS**

**CHAIR:** Manuel Morente

14:30 Managing a Biobanking Network
Manuel Morente (Madrid, Spain)

15:00 European ethical and legal regulatory for the collection of human tissue for Cancer research
Mats G. Hansson (Uppsala, Sweden)

15:30 Patient’s and citizen’s point of view
Carlo Petrini (Roma, Italy)

16:00 Coffee Break/Poster View

16:15 Information technology and data management
Paolo Roazzi (Roma, Italy)

16:45 Outsourcing samples to the International research community
Pasquale De Blasio, Giuseppe Diaferia (Milano, Italy)

**Selected contributions:**

17:15 Biobanking and health care: perspectives from Tunisia
Hela Azaiez (Tunis, Tunisia)

17:25 Biobank Network to improve cooperation and management of clinical samples for Cancer research. The example of the Valencia community
J. Antonio Lopez-Guerrero (Valentia, Spain)

17:35 Paediatric Biobanking. The need for specific rules governing the collection, storage and use of biospecimens and data from children
Elena Salvaterra (Lecco, Italy)

17:45 Discussion
Peter Riegman (Rotterdam, the Netherlands)
Maria Grazia Daidone (Milano, Italy)

18:00 Conclusion
SATURDAY NOVEMBER 13, 2010

Morning Session:
CANCER RESEARCH BIOBANKING

CHAIR: Giorgio Stanta

09:00 RNA quality in archival samples in pathology Biobanks
Giorgio Stanta (Trieste, Italy)

09:30 Evaluation of viability, integrity and identity during Biobank storage: a flow cytometry approach
Chiara Ferrandi (Torino, Italy)

10:00 Minimum Biobanking requirements: issues in a Comprehensive Cancer Center
Giuseppe Pelagio (Bari, Italy)

10:30 Coffee Break/Poster View

11:00 Biomarker detection using Biobanked material
Antonio Llombart-Bosch (Valencia, Spain)

11:30 Comparative Biobanking in Cancer
Girolamo Ranieri (Bari, Italy)
Nicola Zizzo (Bari, Italy)

Selected contributions:

12:00 Biobanking for molecular research
Maria Notarnicola (Castellana Grotte, Italy)

12:10 The musculoskeletal oncology Biobank of the Rizzoli Orthopaedic Institute
Marco Alberghini (Bologna, Italy)

12:20 CBB: The Besta Criobank for brain tumors, a powerful tool to investigate glioblastoma biology
Gaetano Finocchiaro (Milano, Italy)

12:30 Discussion
Giorgio Stanta (Trieste, Italy)
Angelo Paradiso (Bari, Italy)

12:45 Award assignment

CLOSING REMARKS
Angelo Paradiso (Bari, Italy)
Peter Riegman (Rotterdam, the Netherlands)
Maria Grazia Daidone (Milano, Italy)
SELECTED POSTERS

SESSION 1

Biobanking and health care: perspectives from Tunisia
_Hela Azaiez_, Institut Pasteur de Tunis, Tunisia

Starting a third level hospital Biobank: experience from Biobanco La Fe of Valencia
_Elena Bellmunt_, Biobanco La Fe, Universitary Hospital La Fe, Valencia, Spain

Biobank Network to improve cooperation and management of clinical samples for Cancer research. The example of the Valencia community
_J. Antonio Lopez-Guerrero_, Laboratory of Molecular Biology, Fundacion Instituto Valenciano de Oncologia, Valencia, Spain

Network of the Italian Cancer Biobanks: guidance for issues to consider
_Giuseppe Pelagio_, “Giovanni Paolo II” National Cancer Centre, Bari, Italy

Coordination of Biobank as multinstitutional research team
_Kestutis Suziedelis_, Institute of Oncology of Vilnius University, Vilnius, Lithuania

SESSION 2

Evaluation of viability, integrity and identity during Biobank storage: a flow cytometry approach
_Vittoria Ardissone_, Procelltech s.r.l., Colleretto Giacosa (TO), Italy

Software development for Biobanking data management: CRB-IRST experience
_Daniele Calistri_, Istituto Scientifico Romagnolo per lo Studio e la Cura dei Tumori (I.R.S.T.), Meldola (FC), Italy

The institutional Biobank: management and objectives
_Elvira Foglia Manzillo_, “Giovanni Paolo II” National Cancer Centre, Bari, Italy

BRC-IST: Biobank of neoplastic tissues and serum and plasma specimens
_Edoardo Margallo_, Istituto Nazionale per la Ricerca sul Cancro, Genova, Italy

The Biobank of the Istituto Clinico Humanitas: development of a Network for sample collection
_Daniela Pistillo_, Istituto Clinico Humanitas - IRCCS, Rozzano (MI), Italy

Paediatric Biobanking. The need for specific rules governing the collection, storage and use of biospecimens and data from children
_Elena Salvaterra_, Unit of Bioethics Scientific Institute “E. Medea” Lecco, Italy
SESSION 3

The musculoskeletal oncology Biobank of the Rizzoli Orthopaedic Institute
Marco Alberghini, Istituto Ortopedico Rizzoli, Bologna, Italy

Tumor microenvironment of colo-rectal cancer: TLR-4 as prognostic marker
Rosaria Cammarota, IRCCS MultiMedica, Milan, Italy

Cell cycle progression inhibitor geminin in human normal and neoplastic tissue types
Monica Cantile, S.C. An. Patologica, INT Fond. “G. Pascale” Napoli, Italy

Hyperexpression of HOX C13 in melanoma progression
Monica Cantile, S.C. An. Patologica, INT Fond. “G. Pascale” Napoli, Italy

Translocations detection in fresh-frozen Ewing’s sarcomas by RT-PCR
Monica Cantile, S.C. An. Patologica, INT Fond. “G. Pascale” Napoli, Italy

CBB: the Besta criobank for brain tumors, a powerful tool to investigate glioblastoma biology
Gaetano Finocchiaro, Department of Neuro-Oncology; Cryomanagement service, SOL; Istituto Neurologico Besta, Milano, Italy

Aims at collecting samples of malignant tumours, precancer conditions, autoimmune diseases and samples of control group patients
Karele Inta Liepniece, University of Latvia, Faculty of Medicine; LinezerRiga, Latvia

Biobanking as an essential tool for the identification of Biomarkers for the early detection of lung cancer in the framework of the I-ELCAP protocol
J. Antonio Lopez-Guerrero, Laboratory of Molecular Biology, Fundacion Instituto Valenciano de Oncologia, Valencia, Spain.

Touch imprint cytology as a quality control method in tumor tissue
Biobanking
Andrea Malfettone, Anita Mangia, “Giovanni Paolo II” National Cancer Centre, Bari, Italy

Biobanking for molecular research
Maria Notarnicola, National Institute for Digestive Diseases, Castellana Grotte, Bari, Italy
CHAIRS
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Peter Riegman (Rotterdam, the Netherlands)
Maria Grazia Daidone (Milan, Italy)

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OFFICIAL LANGUAGE
The official language of the Course is English

AWARD
Award will be available for best abstract

CME Credits
The Biobanking Course is accredited by Italian Ministry of Health: n. 11 Italian CME credits for biologists (2172-10035349); n. 11 Italian CME credits for M.D.s (2172-10035349); n. 13 Italian CME credits for Lab. Tecnicians.

The Course has been granted European 9 CME credits (ACOE) for all participating categories.

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