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288th OMICS International Conference

Scientific Program



International Conference and Exhibition on

Tissue Preservation & Bio-banking

July 20-22, 2015 Barcelona, Spain

OMICS International Conferences

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Day 1 July 20, 2015

08:00 - 09:30 Registrations

LLOBREGAT HALL

09:30 - 9:55 **Opening Ceremony**

Keynote Forum

09:55-10:00 **Introduction**

10:00-10:35 **Temple F Smith**
Boston University, USA

10:35-11:05 **Ana Colette Maurício**
University of Porto, Portugal

Coffee Break: 11:05-11:20 @ COLON & HALL-1

11:20-12:05 **Workshop On: MSCs conditioned media and umbilical cord blood plasma metabolomics and composition: Importance for MSCs scale-up expansion for clinical applications**
by Ana Colette Maurício, University of Porto, Portugal

Track 2: Bio-repository and Biospecimen
Track 7: Role of Biobank in Genomics and Personalized Medicine
Track 9: Overcoming the Challenges – Next Generation Biobanking
Track 11: Social, Political and Ethical Aspects in Biobanking

Session Chair: William Ritchie, Monash Biomed, UK

Session Introduction

12:05-12:30 **Ethical, legal, and social issues pertaining to induced pluripotent stem cell bio-banking in paediatrics in Japan**
Mayumi Kusunose, University of Tokyo, Japan

12:30-13:10 **Cryo.3 – Animal component free medium for freezing and thawing cells**
Daniel Licari, Stem Alpha, France

Group Photo

Lunch Break: 13:10-13:45 @ COLON & HALL-1

13:45-14:10 **Cryopreservation of red blood cells in support of development and evaluation of current and emerging diagnostic tests for glucose-6-phosphate dehydrogenase deficiency**
Maria Kahn, PATH, USA

14:10-14:35 **International Biobanking of Human Biospecimens for Precision Medicine**
Olga Potapova, Cureline, Inc., USA

14:35-15:00 **Biobank-What it takes…**
Zdenka Prodanovic, Monash Health, Australia

15:00-15:30 **Virome characterization from Guthrie Cards in Children Who Later Developed Acute Lymphoblastic Leukemia**
Britt Gustafsson and Christian Pou, Karolinska University Hospital, Sweden

Young Research Forum

15:30-15:55 **Towards a Dutch national tissuebank portal: One portal to access all pathology archives for research**
Chantal Steegers, Pathology VUmc, Netherlands

Coffee Break: 15:55-16:10 @ COLON & HALL-1

16:10-16:35 **Qatar Biobank and Qatar Genome Programs Road Map to Success**
Asma Althani, Qatar Biobank, Qatar Foundation, Doha-Qatar

16:35-17:00 **Indigenous Ethics and Biobanking: The Aotearoa New Zealand Experience**
Maui Hudson and Lynley Uerata, University of Waikato, New Zealand

17:00-17:25 **Biobanking of sea urchin embryos: Applications in ecotoxicology**
E Paredes, University of Tennessee-Knoxville, USA

Panel Discussion

Day 2 July 21, 2015

LLOBREGAT HALL

Keynote Forum

10:00-10:35 **William A Ritchie**
Monash Biomed, UK

10:35-11:05 **Youhe Gao**
Beijing Normal University, China

Coffee Break: 11:05-11:20 @ COLON & HALL-1

Track 1: Human cancer biobank
Track 4: Cryopreservation
Track 8: Biobanking in microbiology
Track 10: Neuro Biobank

Session Chairs: Temple F Smith, Boston University, USA
Beena Kumar, Monash Health, Australia

Session Introduction

11:20-12:00 **AL.CHI.MI.A. S.r.l. – Human tissue processing specialists**
Domenico Amato, AL.CHI.MI.A. S.r.l., Italy

12:00-12:25 **Safety of frozen-thawed ovarian tissue (FTOT) auto-transplantation following cryopreservation in terms of minimal residual diseases for cancer patients and its accuracy of analysis**
Koichi Kyono, Kyono ART Clinic, Japan

12:25-12:50 **Regeneration of brain tissue by mesenchymal stem cells in a stroke model involves both raised nitric oxide and VEGF as decreased oxidative stress and apoptosis to healthful levels**
Clelia R A Bertoncini, CEDEME, Brazil

Lunch Break: 12:50-13:35 @ COLON & HALL-1

13:35-14:00 **Human Embryo Cryopreservation: Missing The Fear**
Aline Azevedo, Universidade Federal de São Paulo, Brazil

14:00-14:25 **Genomic and epigenomic studies of spontaneous preterm birth with an pre-banked existing Chinese cohort**
Jing Pan, Lianyungang Municipal Maternal and Children's Hospital, China

14:25-14:50 **A biological bank of liver samples and related information intended for hepatocellular carcinoma research**
Osman Zin Al Abdin, King Saud University Medical City, Saudi Arabia

14:50-15:15 **Role of immunohistochemistry and biobanking in targeted cancer therapy**
Beena Kumar, Monash Health, Australia

15:15-15:40 **Tumour biobank for advancing translational research in oncology**
Elke Smits, Antwerp University Hospital, Belgium

15:40-16:05 **The Puerto Rico BioBank: The First Cancer Tissue Biobank at a US Hispanic-Serving Institution**
Patricia Casbas-Hernandez, Ponce Health Sciences University, USA

Panel Discussion

Coffee Break: 16:05-16:20 @ COLON & HALL-1

Day 3 July 22, 2015

LLOBREGAT HALL

Track 3: Fertility Preservation
Track 5: Vitrification
Track 6: Tissue Screening, Preparation and Antibiotic Sterilization
Track 12: Issues to Future

Session Chair: William Ritchie, Monash Biomed, UK

Session Introduction

10:00- 10:25 **International standardisation and implementation of CoBRA guideline: Contribution to the future use of samples**
Elena Bravo, Instituto Superiore di Sanità, Italy

10:25- 10:50	**Prescriptive Biobanking for Future Clinical Research in Haemato-Oncology: The Cambridge Blood and Stem Cell Biobank experience** **E Joanna Baxter,** Cambridge Blood and Stem Cell Biobank, University of Cambridge, UK
10:50- 11:15	**Fertility cryopreservation for cancer patients among ART centers, in Italy** **G Scaravelli,** National Health Institute, Italy
	Cofee Break: 11:15-11:30 @ COLON & HALL-1
11:30-11:55	**Freeze them but not to death: intracellular freezing of an insect-parasitic nematode, *Steinernema feltiae*** **Farman Ali,** Abdul Wali Khan University Mardan, Pakistan
	Young Research Forum
12:20-12:45	**Preservation of microbial pure cultures and mixed communities** **Bram Vekeman,** Ghent University, Belgium
12:45-13:10	**Does the cryopreservation affect stem cells potential?** **Ahmed Lotfy,** Mansoura University, Egypt
	Panel discussion
	Award Ceremony
	Lunch Break: 13:10-13:50 @ COLON & HALL-1

Features:



Bookmark your dates

2nd International Conference and Exhibition on

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November 2016 Baltimore, USA

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