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

LLOBREGAT HALL

09:30 - 9:55 Opening Ceremony

Keynote Forum

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<tr>
<th>Time</th>
<th>Panel</th>
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<td>09:55-10:00</td>
<td>Introduction</td>
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<tr>
<td>10:00-10:35</td>
<td>Temple F Smith</td>
<td>Boston University, USA</td>
<td>USA</td>
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<td>10:35-11:05</td>
<td>Ana Colette Maurício</td>
<td>University of Porto, Portugal</td>
<td>Portugal</td>
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Coffee Break: 11:05-11:20 @ COLON & HALL-1

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

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

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

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

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

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
Genomic and epigenomic studies of spontaneous preterm birth with an pre-banked existing Chinese cohort

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

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
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

Fertility cryopreservation for cancer patients among ART centers, in Italy

G Scaravelli, National Health Institute, Italy

Coffee Break: 11:15-11:30 @ COLON & HALL-1

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

Preservation of microbial pure cultures and mixed communities

Bram Vekeman, Ghent University, Belgium

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: