Day 1  August 23, 2017
08:30-09:30 Registrations

PLAZA I

09:30-09:45 Opening Ceremony

Keynote Forum

9:45-10:10 Title: The evolution and current status of sperm cryopreservation
Panayiotis Zavos, The Andrology Institute of America, USA

10:10-10:35 Title: Improved methods and procedures for pluripotent stem cell preservation, storage stability and validation
Heiko Zimmermann, Fraunhofer Institute for Biomedical Engineering, Germany

10:35-11:00 Title: Cryopreservation by vitrification: Basic thermodynamic principals, methods and devices
Igor Katkov, Belgorod National Research University, Russia

Networking & Refreshment Break 11:00-11:20 @ Plaza Foyer

11.20-11:45 Title: Prolotherapy the first choice in Regenerative Medicine
Charles F Mahl, GenLife Institute for Regenerative Medicine and Stem Cells, USA

Exhibitor session

11:45-12:10 Title: Bioprinter advances future research in healthcare and beyond
Mayasari Lim, SE3D, USA

Sessions: Biobanking | Cryopreservation | Vitrification | Biorepository & Biospecimen | Stem Cell | Regenerative medicine | Tissue engineering | Rejuvenation

Session Chair: Panayiotis Zavos, The Andrology Institute of America, USA
Session Co-chair: Debra Aub Webster, Cardinal Health Regulatory Sciences, USA

12:10-12:30 Title: Human mesenchymal stem cell-derived conditioned medium: Perspectives for therapeutic application in lung cancers
Lourdes Cortes-Dericks, University of Hamburg, Germany

12:30-12:50 Title: Life in Nano Ice: Application of cryocrate C80EZ medium for cell and tissue cryopreservation
Xu Han, CryoCrate LLC and University of Missouri, USA

12:50-13:10 Title: The promise of organ banking and large-scale support for cryopreservation advances
Jedediah Lewis, Organ Preservation Alliance, USA

Panel Discussion

Lunch 13:10-14:10 @ Plaza III

14:10-14:30 Title: Reproductive tissue banking for young boys of pre-reproductive age
Yulian Zhao, MayoClinic, USA

14:30-14:50 Title: Fertility cryopreservation in Oxford, UK
Jill Davies, Oxford University, UK

14:50-15:10 Title: Peripheral artery and blood biobanking can lead to scientific collaboration and discovery
Malik Mohammed Darwech, Washington University School of Medicine, USA

15:10-15:30 Title: Clinical applications of autologous bone marrow derived cells
Dalip Sethi, Cesca Therapeutics Inc., USA

15:30-15:50 Title: Ovarian function recovery after transplantation of ovarian tissue cryopreserved and stored for long-term
Raffaella Fabbri, University of Bologna, Italy

Panel Discussion
Networking & Refreshment Break 15:50-16:10 @ Plaza Foyer

16:10-16:30
Title: Twin pregnancy with both complete hydatiform mole and coexistent alive fetus: Management and Prognosis
Achour Radhouane, El-Manar University, Tunisia

16:30-16:50
Title: Mesenchymal stem cells in clinical applications
Brian M. Mehling, Blue Horizon International, USA

16:50-17:10
Title: Proteomic profiling of tissue degeneration and regeneration in muscular dystrophy
Kay Ohlendieck, Department of Biology, Maynooth University, Ireland

17:10-17:30
Title: Regenerative medicine – From Promise to Patient
Debra Aub Webster, Cardinal Health Regulatory Sciences, USA

17:30-17:50
Title: pGlcNAc Nanofibers derived from a marine polymer stimulate regenerative wound repair via activation of a TLR4/type-I IFN pathway in combination with an integrin/Akt1 dependent pathway
Robin C. Muise-Helmericks, Medical University of South Carolina, USA

17:50-18:10
Title: Therapeutic effects of bioquantine® in volunteer patients diagnosed with Cerebral palsy, Spinal cord injury, Wet amd, Sci, Hypothyroidism, Atypical pyoderma gangrenosum, and Breast cancer
Joel I. Osorio, Westhill University School of Medicine, Mexico

18:10-18:30
Title: Glial cell derived neurotrophic factor promotes dental pulp stem cell migration
Nan Xiao, University of the Pacific, USA

Panel Discussion

Day 2        August 24, 2017
PLAZA I
Keynote Forum

09:00-09:25 Title: Cryopreservation of organs and organisms: Signs of a new era
Aubrey de Grey, SENS Research Foundation, USA

09:25-09:50 Title: Transplantation of hepatocyte like cells derived from human tooth into the animals with liver conditions
Ken yaegaki, Nippon Dental University School of Life Dentistry, Japan

09:50-10:15 Title: Maximizing cardiac repair: Should we focus on cells or matrix?
Luiz C. Samapio, Texas Heart Institute, USA

Sessions:
Biobanking | Cryopreservation | Vitrification | Biorepository & Biospecimen | Stemcell | Regenerative medicine | Tissue engineering | Rejuvenation
Session Chair: Heiko Zimmermann, Fraunhofer Institute for Biomedical Engineering, Germany
Session Co-chair: Ken yaegaki, Nippon Dental University School of Life Dentistry, Japan

10:15-10:35
Title: Developing and setting up a Tissue Donation after Death Service in the UK.
Joanne Mullarkey, University of Bradford, UK

10:35-10:55
Title: Cryopreservation of living cells using an electron microscopy fixation methods
Jan Huebinger, Max-Planck Institute of Molecular Physiology, Germany

10:55-11:15
Title: Challenges of developing a Biobank in Oxford, UK
Jill Davies, Oxford University, UK

Panel Discussion

Networking & Refreshment Break 11:15-11:35 @ Plaza Foyer

11:35-11:55
Title: Biologics to enhance mesenchymal stem cell expansion and storage
Nidhi Bhutani, Stanford school of medicine, USA
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<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
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<tbody>
<tr>
<td>11:55-12:15</td>
<td>Title: Hydrogel micro pattern-incorporated nanofibers for biomedical application</td>
<td>Won-Gun Koh</td>
<td>Yonsei University, Korea</td>
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<td>12:15-12:35</td>
<td>Title: Biomarker discovery using mass spectrometry-based proteomics/metabolomics and biospecimens</td>
<td>Pao Chi Liao</td>
<td>National Cheng Kung University, Taiwan</td>
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<td>12:35-12:55</td>
<td>Title: CRISPR/Cas9-mediated knock-in of large DNA in human embryonic stem cells and somatic cells</td>
<td>Bo Feng</td>
<td>University of Hong Kong, China</td>
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<td>Panel Discussion</td>
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<td>12:55-14:00</td>
<td>Lunch 12:55-14:00 @ Plaza III</td>
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<td>14:00-14:20</td>
<td>Title: Clinical translation of tissue-engineered medical products (TEMP) - Journey from bench to bedside</td>
<td>Sita Somara</td>
<td>Wake Forest Institute for Regenerative Medicine, USA</td>
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<td>14:20-14:40</td>
<td>Title: Pluripotent Cells: A tool to model development and to deliver definitive cure for pediatric diseases</td>
<td>Vittorio Sebastiano</td>
<td>Stanford School of Medicine, USA</td>
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<td>14:40-15:00</td>
<td>Title: Engineering stem cells and biomaterials to treat birth defects before birth</td>
<td>Aijun Wang</td>
<td>University of California, USA</td>
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<td>15:00-15:20</td>
<td>Title: Smooth Muscle Genome/Transcriptome Browser: Offering genome-wide references and expression profiles of transcripts expressed in intestinal primary cells and tissues</td>
<td>Seungil Ro</td>
<td>University of Nevada, USA</td>
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<td>15:20-15:40</td>
<td>Title: Initiatives to advance stem cell science and medicine at California's $3 billion stem cell agency</td>
<td>Stephen S. Lin</td>
<td>California Institute for Regenerative Medicine, USA</td>
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<td>15:40-16:00</td>
<td>Title: Regeneration and repair of post-infarct cardiovascular tissues with rejuvenated stem cells</td>
<td>Yong Jian Geng</td>
<td>University of Texas, USA</td>
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<td>16:00-16:20</td>
<td>Networking &amp; Refreshment Break 16:00-16:20 @ Plaza Foyer</td>
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<td>16:20-16:40</td>
<td>Title: Application of ultrasonography in the assessment of overhand movement</td>
<td>Lin-Hwa Wan</td>
<td>National Cheng Kung University, Taiwan</td>
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<td>16:40-17:00</td>
<td>Title: Hydro-pressure therapy in chronic kidney diseases</td>
<td>Shrikant L. Kulkarni</td>
<td>Kulkarni Clinic, India</td>
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<td>17:00-17:20</td>
<td>Title: Natural Polymer, Zein, for Tissue Regeneration</td>
<td>Jin-Ye Wang</td>
<td>Shanghai Jiao Tong University, China</td>
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<td>17:20-17:40</td>
<td>Title: Role of bone-marrow derived stem cells in liver regeneration: a multicenter clinical trial</td>
<td>Hala Gabr</td>
<td>Cairo University, Egypt</td>
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<td>17:40-18:00</td>
<td>Title: Regenerative effect of autologous mesenchymal stem cell injection on cartilage defects</td>
<td>Wael Abo Elkheir</td>
<td>Military Medical Academy, Egypt</td>
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<td>Young Research Forum</td>
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<td>18:00-18:15</td>
<td>Title: Cell therapy for Crilger Najjar Type I syndrome</td>
<td>Elvira Famulari</td>
<td>Molecular Biotechnology Center, Italy</td>
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<td>Poster Presentations 18:15-18:45</td>
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<td>PP 1</td>
<td>Title: Biological Effects of Low, Medium, and High Blue-Enriched White Light In Light Emitting Diode (Led) On Caenorhabditis Elegans</td>
<td>Aldana Aldawsari</td>
<td>Texas Southern University, USA</td>
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<td>Title: Deletion of osteoblastic Wntless reduces osteogenic differentiation of bone marrow mesenchymal stem cells and delays bone regeneration in a femur defected animal model</td>
<td>Sher Bahadur Poudel</td>
<td>Chonbuk National University, Korea</td>
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<td>PP 2</td>
<td>Title: Modulation of cell proliferation and differentiation by a new thiazolidine compound (gq-11) in human reconstructed skin</td>
<td>Jacqueline Cavalcante Silva</td>
<td>University of Sao Paulo, USA</td>
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<td>PP 3</td>
<td>Title: Sonic Hedgehog signaling promotes Müller glia reprogramming in regenerating Zebrafish/Mouse retina: Towards curing retinal diseases</td>
<td>Simran Kaur</td>
<td>Indian Institute of Science Education and Research, India</td>
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<td>PP 4</td>
<td>Title: Role of bone-marrow derived stem cells in liver regeneration: a multicenter clinical trial</td>
<td>Hala Gabr</td>
<td>Cairo University, Egypt</td>
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