Tentative Program

3rd International Conference & Exhibition on

Tissue Preservation and Biobanking

August 23-24, 2017 San Francisco, USA

New Scientific Innovations in Development of Tissue science and Biobanking Technologies

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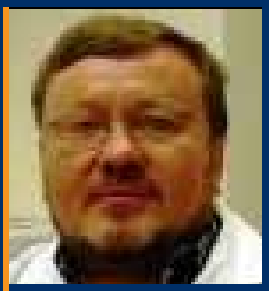
Biobanking Scientific Board



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The Andrology Institute of America, USA



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CEO, Peptigel Design, UK



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Belgorod National Research University
Russia



Jill Davis
Director of the Cryopreservation, University Hospitals NHS, UK



Yulian Zhao
Director IVF/FLT Laboratories, Mayo Clinic, USA



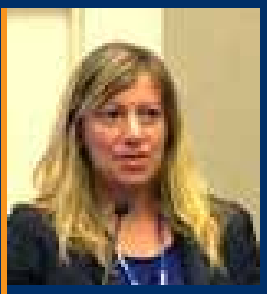
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Director, Cincinnati Children's Hospital Medical Center, USA



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Director of Clinical Research, Cesca Therapeutics Inc, USA



Raffaella Fabbri
University of Bologna, Italy



Elena Salvaterra
Global Biobanking Consulting, Air Liquide, Milan, Italy



Charles W. Wang
Director, Shanghai Jiao Tong University, China





Panayiotis Zavos
The Andrology Institute of America, USA

Dr. Panayiotis Zavos received his B.S. in Biology-Chemistry in 1970, his M.S. in Biology-Physiology in 1972 and Education Specialist in Science (Ed.S.) in 1976 from Emporia State University in Emporia, Kansas. He earned his Ph.D. in Reproductive Physiology, Biochemistry and Statistics in 1978 from the University of Minnesota in the Twin Cities, Minnesota. He received the Distinguished Alumnus Award and the Graduate Teaching Award from Emporia State University and the Student Leadership Award from the University of Minnesota.



Igor Katkov
Belgorod National Research University, Russia

Igor Katkov is a trained biophysicist with 30+ experience in cryobiology and cryogenic engineering. The last 5 years the research has been focused on the fundamental aspects of kinetic vitrification (K-VF) as well on designing the practical system for K-VF KrioBlast™ (in cooperation with V.F. Bolyukh from Ukraine). Chief Scientific Officer of CELLTRONIX (San Diego, CA, USA). Has recently accepted a professor-level position of the Head of the Laboratory of amorphous state in the Belgorod National Research University, Russia.



Guillaume Saint-Pierre
CEO, Peptigel Design, UK

Guillaume Saint-Pierre is a self-motivated R&D Program and project management professional and a material science group leader at a Madrid based private research center. He has significant years of experience, in related proficiencies and a background in roadmap development, product innovation and lifecycle leadership. He also has strong expertise (market, technical and legislative) in Medical devices (Class IIB, III), In-vitro diagnostic medical devices (IVD) and sensor technology for medical and environmental applications.



Charles W. Wang
Director, Shanghai Jiao Tong University, China

After many years of wet lab experience and living in the United States, Prof. Wang decided it was time for a change of scenery and moved back to China in 2012. He is recruited specifically by his professional skill set and experience in scientific solutions for biobank and informatics. He has earned his leading role in the young field of biobanking informatics in China. He is traveling between China and USA for his new challenges and promotes international collaboration potentials. He is not only recognized for his dedication to biobanking, but also to data harmonization and sharing model development.



Yulian Zhao
Director IVF/FLT Laboratories, Mayo Clinic USA

Dr. Yulian Zhao obtained her MD/PhD at the Harbin Medical University China and MBA at the Johns Hopkins Carey Business School. She is a certified High Complexity Laboratory Director (HCLD) and Clinical Consultant (CC) by American Board of Bioanalysis (ABB). She is currently a Senior Associate Consultant and Director of IVF and Fertility Testing Laboratories at the Departments of Obstetrics and Gynecology and Laboratory Medicine Pathology at Mayo Clinic in Rochester MN.



Taosheng Huang
Director, Cincinnati Children's Hospital Medical Center, USA

Dr. Huang is a physician-scientist. Currently he is a professor with tenure in Human Genetics, Director, Program of Mitochondrial Medicine, and Associate Director of the Molecular Diagnostic laboratory at Cincinnati Children's Hospital Medical Center (CCHMC). Dr. Huang graduated from Fujian Medical University in 1983 and received his Ph.D. study at Mount Sinai Medical School in 1991. Dr. Huang completed his pediatrics residency at Georgetown University Hospital in 1996 and his clinical genetics and clinical molecular genetics fellowship at Harvard Medical School in 1999. Dr. Huang was a faculty member at the Children's Hospital, Harvard from 1999-2001. In 2001, Dr. Huang moved to the University of California, Irvine as an independent investigator to study the molecular basis of genetic syndromes. Dr. Huang is interested in mitochondrial disorders. He has been actively engaged in many programs in China.



Dalip Sethi
Director of Clinical Research,
Cesca Therapeutics Inc, USA

Dr. Dalip Sethi currently serves as Director of Clinical Research at Cesca Therapeutics Inc., a public company engaged in the research, development, and commercialization of cellular therapies and delivery systems for use in regenerative medicine. Dr. Sethi holds a Ph.D. in Biotechnology from Institute of Genomics & Integrative Biology, New Delhi, and a Masters in Organic Chemistry from Hansraj College, Delhi University, India, and conducted postdoctoral studies at Thomas Jefferson University, School of Medicine. Dr. Sethi is currently engaged in the development of point-of-care devices, methods and diagnostics for use in autologous cell therapy in the treatment of cardiovascular and orthopedic diseases.



Raffaella Fabbri
University of Bologna, Italy

Since 1977 she has been working as a biologist in the Human Reproductive Medicine Unit, S. Orsola-Malpighi Hospital and University of Bologna, Italy. In 2001 she realized a national and international worldwide patent about method and solution for cryopreserving oocytes (Application No PCT/IT01/00139). In 2006 she obtained the United States Patent US 7,011,937 B2 for Method and solutions for cryopreserving oocytes. Raffaella Fabbri has her expertise in cryopreservation of human mature and immature oocytes; cryopreservation of embryos and blastocysts; cryopreservation of human ovarian tissue; in vitro maturation of ovarian follicles; cocultures of human granulosa cells and sperms, fertilization and embryonal development. She has been involved in many Scientific Activities which are well-documented by 335 articles published in Italian and Foreign Journals, participation at 134 meeting as speaker and 58 as auditor.



Elena Salvaterra
Global Biobanking
Consulting, Air Liquide
Milan, Italy

Elena Salvaterra is a jurist doctor (JD) and Ph.D in Law of Science (Bioethics). After a few years spent at academia (University of Milan), she collaborated with the Biological Resource Center of the Polyclinic University Hospital in Milan as social scientist. She co-founded with Dr. Paolo Rebulla, hematologist, the Laboratory of Bio-Law, dedicated to the study of ethical, regulatory, economic and social aspects associated with therapeutic and research human biobanks. Then, she worked at the research institute "E. Medea" where she conducted several studies as principal investigator on pediatric biobanks. Since 2010, Dr. Salvaterra collaborated with private national and international companies as regulatory support and marketing specialist. She is presently engaged as consultant for biobanks at Air Liquide Healthcare in Milan (Italy)



Featured Speakers

Tentative Scientific Program

Speaker Opportunities available
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Keynote Forum

Featured Keynote Presentations

Title:The Evolution and Current Status of Sperm Cryopreservation

Panayiotis Zavos **, The Andrology Institute of America, USA**

Title:Improved methods and procedures for pluripotent stem cell preservation, storage stability and validation

Heiko Zimmerman **n, Fraunhofer Institute for Biomedical Engineering, Germany**

Title: Cryopreservation by Vitrification: Basic Thermodynamic Principals, Methods and Devices

Igor Katkov **, Belgorod National Research University, Russia**

Title:Prolotherapy – the first choice in Regenerative Medicine

Charles F Mahl **, GenLife Institute for Regenerative Medicine and Stem Cells, USA**

***** Keynote Speaker Slots are available*****

Featured Speaker Presentations

Title:Human mesenchymal stem cell-derived conditioned medium: perspectives for therapeutic application in lung cancers

Lourdes Cortes-Dericks **, University of Hamburg, Germany**

Title: Reproductive tissue banking for young boys of pre-reproductive age

Yulian Zhao **, Mayoclinic, USA**

Title: Fertility Cryopreservation in Oxford, UK

Jill Davies **, Oxford University, UK**

Title:Peripheral Artery and Blood Biobanking Can Lead to Scientific Collaboration and Discovery

Mohamed Zayed **, Washington University School of Medicine, USA**

Title:Mesenchymal Stem Cells in Clinical Applications

Brian M. Mehling **, Blue Horizon International, USA**

Title: Proteomic profiling of tissue degeneration and regeneration in muscular dystrophy

Kay Ohlendieck **, Department of Biology, Maynooth University, Ireland**

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**

Title:CRISPR/Cas9-mediated nock-in of large DNA in human embryonic stem cells and somatic cells
Bo Feng **, University of Hong Kong, China**
Title: Ovarian function recovery after transplantation of ovarian tissue cryopreserved and stored for long-term
Raffaella Fabbri **, University of Bologna, Italy**
*****Speaker Slots are available*****
Title: Life in Nano Ice : Application of CryoCrate C80EZ Medium for Cell and Tissue Cryopreservation
Xu Han **, CryoCrate LLC and University of Missouri, USA**
Title:Cell therapy for crilger najjar TYPE I syndrome
Elvira Famulari **,Molecular Biotechnology Center, Italy**
Title: Hydro-Pressure Therapy in Chronic Kidney Diseases
Shrikant L. Kulkarni **, Kulkarni Clinic, India**
Title: Deletion of osteoblastic Wntless reduces osteogenic differentiation of bone marrow mesenchymal stem cells and delays bone regeneration in a femur defected animal model
Sher Bahadur Poudel **, University of Bradford, South Korea**
Title: Modulation of cell proliferation and differentiation by a new thiazolidine compound (gq-11) in human reconstructed skin
Jacqueline Cavalcante Silva **, , USA**
Title:The future of regenerative medicine in Nigeria: recommendations for the umbilical cord stem cell
Ogwunga Julia Nonyerem **, Nigeria**
Title: Developing and setting up a Tissue Donation after Death Service in the UK. A research nurses' personal perspective
Joanne Mullarkey **, University of Bradford, UK**
Title: The Promise of Organ Banking and Large-Scale Support for Cryopreservation Advances
Jedediah Lewis **, Organ Preservation Alliance, USA**
Title: Clinical Applications of Autologous Bone Marrow Derived Cells
Dalip Sethi **, Cesca Therapeutics Inc., USA**
Title: Challenges of developing a Biobank in Oxford, UK
Jill Davies **, Oxford University, UK**
*****Speaker Slots are available*****
Title: A dry method to preserve tear sample
Youhe Gao **, Beijing Normal University, China**
Title: Tupler Technique® & Regenerative Platelet Rich Plasma Procedure for Treatment of Diastasis Recti
Julie Tupler **, United States**

Title: Regenerative Effect of Autologous Mesenchymal Stem Cell injection on Cartilage Defects
Wael Abo Elkheir **, Military Medical Academy,Egypt**
Title: Hydrogel Micropattern-Incorporated Nanofibers for Biomedical Application
Won-Gun Koh **, Yonsei University, Korea**
Title: Fertility Cryopreservation in Oxford, UK
Jill Davies **, Oxford University, UK**
Title:Role of Bone-Marrow Derived Stem Cells in Liver Regeneration: a Multicentre Clinical Trial
Hala Gabr **, Cairo University, Egypt**
*****Speaker Slots are available*****
Last Updated On: May 24, 2017
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****Note: Tentative program has been designed with the projected speakers names and titles.**



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NOTE: Program Last Updated on June 16, 2017