Day 1  April 23, 2018

Conference Hall: Desert Palm A

09:00-09:30  Registrations
09:30-10:00  Opening Ceremony

**Keynote Forum**

10:00-10:45  **Title:** Inflammatory diseases, postsurgical tissue adhesion complications, current practices and novel emerging targeted therapies

Heliah S. Oz, University of Kentucky Medical Center, KY USA

Panel Discussion

Networking & Refreshment Break 10:45-11:05 @ Foyer

11:05-11:50  **Title:** Multipotent Adult Stem Cells (MASCs): Differentiation and regeneration

Paul Lucas, New York Medical College, USA

11:50-12:35  **Title:** Exploring strategies for cell rejuvenation and tissue regeneration: iPSC reprogramming as a unique opportunity to understand and cure aging

Jean-Marc Lemaitre, Saint Eloi Hospital, France

12:35-13:20  **Title:** Pulmonary delivery of butyrylcholinesterase as a model protein to the lung

Tojan Rahhal, University of Missouri, USA

Panel Discussion

Lunch Break 13:20-14:20 @ Hilton Garden

14:20-15:05  **Title:** The novel mesenchymal stromal niche cell in the bone marrow endosteum

Fumio Arai, Kyushu University, Japan

**Sessions:**

Tissue Regeneration | Stem Cells: Culture, Differentiation and Transplantation | Aesthetic Skin Rejuvenation | Osteoarthritis and Rheumatoid Arthritis

Session Chair: Paul Lucas, New York Medical College, USA
Session Co-chair: Heliah S. Oz, University of Kentucky Medical Center, KY USA

Session Introduction

15:05-15:35  **Title:** RegenerAge System: Therapeutic effects of combinatorial biologics (mRNA and Allogenic MSCs) with a spinal cord stimulation system on a patient with spinal cord section

Joel I. Osorio, Westhill University School of Medicine, Mexico

15:35-16:05  **Title:** Bone mimicry models: Cancer metastasis and refuge in bone

Razi Vago, Ben Gurion University of The Negev, Israel

16:05-16:35  **Title:** Application of a recombinant hybrid mussel adhesive protein as a functional cosmetic ingredient treated hormone concentrations

Ye-Eun Yoon, Yonsei University, Seoul, Korea

16:35-17:05  **Title:** Deciphering the role of substrate stiffness on stem cell transfection using lipid-based nanocarriers to deliver angiogenic genes

Saman Modaresi, University of Kansas, USA

Panel Discussion

Networking & Refreshment Break 17:05-17:30 @ Foyer
### Keynote Forum

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<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
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<tbody>
<tr>
<td>09:30-10:15</td>
<td>Title: Biobanking for regenerative medicine</td>
<td>David T Harris, Executive Director, AHSC Biorepository</td>
<td>University of Arizona, USA</td>
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<tr>
<td>10:15-11:00</td>
<td>Title: Establishing fertility preservation strategies for conservation of endangered carnivores</td>
<td>Nucharin Songsasen, Biology Institute</td>
<td>Front Royal, VA</td>
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#### Panel Discussion

**Networking & Refreshment Break 11:00-11:30 @ Foyer**

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<tr>
<td>11:30-12:15</td>
<td>Title: Silicagel dried amniotic membrane usage in various corneal pathologies in Armenia</td>
<td>A.V. Hambardzumyan, Malayan Ophthalmologic Center</td>
<td>Yerevan</td>
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<tr>
<td>12:15-13:00</td>
<td>Title: Molecular imaging biosensors for precise therapeutic interventions in regenerative medicine</td>
<td>Ethel J. Ngen, Johns Hopkins University School of Medicine</td>
<td>USA</td>
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#### Lunch Break 13:00-14:00 @ Hilton Garden

### Sessions:
Biobanking | Stem Cell Biobanking | Biobank in Genomics | Cryopreservation Methods | Vitrification | Biobank Applications | Regenerative Medicine

**Session Chair: David T Harris, University of Arizona, USA**

**Session Co-chair: A.V. Hambardzumyan, Malayan Ophthalmologic Center, Yerevan**

**Session Introduction**

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<td>14:00-14:30</td>
<td>Title: Computer aided screening of Mangrove ecosystem derived compound against Acetylcholinesterase</td>
<td>Shahid ullah, Shenzhen University, China</td>
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<td>14:30-15:00</td>
<td>Title: Direct evidence of viral infection and mitochondrial alterations in the brain of fetuses at high risk for schizophrenia</td>
<td>Segundo Mesa Castillo, Psychiatric Hospital of Havana, Cuba</td>
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<td>15:00-15:30</td>
<td>Title: Cord blood banking for transplantation and regenerative medicine</td>
<td>Andisheh Ghashghaie, Tehran University of Medical Sciences, Iran</td>
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#### Panel Discussion

**Networking & Refreshment Break 15:30-16:00 @ Foyer**

**Award Ceremony**

**Thanks Giving & Closing Ceremony**