Tentative Program

7th International Conference and Exhibition on Cell and Gene Therapy

London, UK  March 15-17, 2018

Interactive Sessions  Keynote Lectures  Plenary Lectures  Workshops
Exhibitors  B2B Meetings

***For available speaker slots***
celltherapy@conferenceseries.net
# Program at a Glance

## Day 1 March 15, 2018 Thursday

<table>
<thead>
<tr>
<th>Reception/Registration</th>
<th>08.00-09.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time</td>
<td>General Session</td>
</tr>
<tr>
<td>09.00-09.15</td>
<td>Inaugural Address</td>
</tr>
<tr>
<td>Least of 3 Keynote/Plenary Talks</td>
<td></td>
</tr>
<tr>
<td>09.15-09.45</td>
<td>Keynote/Plenary Talk 1</td>
</tr>
<tr>
<td>09.45-10.15</td>
<td>Keynote/Plenary Talk 2</td>
</tr>
<tr>
<td>10.15-10.45</td>
<td>Keynote/Plenary Talk 3</td>
</tr>
<tr>
<td>Panel Discussions/Group Photo</td>
<td></td>
</tr>
<tr>
<td>Coffee/Tea Break 10.45-11.00 (Networking)</td>
<td></td>
</tr>
<tr>
<td>11.00-12.40</td>
<td>5 Speakers (20 Mins Each)</td>
</tr>
<tr>
<td>Lunch Break 12.40-13.30</td>
<td></td>
</tr>
<tr>
<td>13.30-15.30</td>
<td>6 Speakers (20 Mins Each)</td>
</tr>
<tr>
<td>Coffee/Tea Break 15.30-15.45 (Networking)</td>
<td></td>
</tr>
<tr>
<td>15.45-17.25</td>
<td>5 Speakers (20 Mins Each)</td>
</tr>
</tbody>
</table>

## Day 2 March 16, 2018 Friday

<table>
<thead>
<tr>
<th>Time</th>
<th>Session 1</th>
<th>Session 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>09.00-10.40</td>
<td>5 Speakers (20 Mins Each)</td>
<td>5 Speakers (20 Mins Each)</td>
</tr>
<tr>
<td>Coffee/Tea Break 10.40-10.55 (Networking)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10.55-12.35</td>
<td>5 Speakers (20 Mins Each)</td>
<td>5 Speakers (20 Mins Each)</td>
</tr>
<tr>
<td>Lunch Break 12.35-13.25</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13.25-15.05</td>
<td>5 Speakers (20 Mins Each)</td>
<td>5 Speakers (20 Mins Each)</td>
</tr>
<tr>
<td>Poster Sessions</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coffee/Tea Break 15.05-15.20 (Networking)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15.20-17.00</td>
<td>5 Speakers (20 Mins Each)</td>
<td>5 Speakers (20 Mins Each)</td>
</tr>
</tbody>
</table>

## Day 3 March 17, 2018 Saturday

<table>
<thead>
<tr>
<th>Time</th>
<th>Session 1</th>
<th>Session 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>09.00-10.40</td>
<td>5 Speakers (20 Mins Each)</td>
<td>5 Speakers (20 Mins Each)</td>
</tr>
<tr>
<td>Coffee/Tea Break 10.40-10.55 (Networking)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10.55-12.35</td>
<td>5 Speakers (20 Mins Each)</td>
<td>5 Speakers (20 Mins Each)</td>
</tr>
<tr>
<td>Lunch Break 12.35-13.25</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13.25-15.05</td>
<td>5 Speakers (20 Mins Each)</td>
<td>5 Speakers (20 Mins Each)</td>
</tr>
</tbody>
</table>

## Awards & Closing Ceremony

**NOTE:** Program Schedule is subject to change with final allotment of the speaker slots.

For more details PS: [www.cellgenetherapy.conferenceseries.com](http://www.cellgenetherapy.conferenceseries.com)

[cellextherapy@conferenceseries.net](mailto:cellextherapy@conferenceseries.net) | [cellextherapy@geneticconferences.com](mailto:cellextherapy@geneticconferences.com)

---

7th International Conference and Exhibition on Cell and Gene Therapy

March 15-17, 2018 London, UK
CONFERENCE HIGHLIGHTS

➢ Stem Cell Therapies
➢ Cell Line Development
➢ Vectors for Gene Therapy
➢ Gene and Cell Therapy for Rare & Common Diseases
➢ Tissue Science & Regenerative Medicine
➢ Molecular Basis of Epigenetics
➢ Clinical Trials on Cell & Gene Therapy
➢ Plant Stem Cell Rejuvenation
➢ Bioengineering Therapeutics

For detailed sessions please visit: www.cellgenetherapy.conferenceseries.com
Submit your proposal at: celltherapy@conferenceseries.net

www.cellgenetherapy.conferenceseries.com  celltherapy@conferenceseries.net
About London:

London is the capital and most populous city of England and the United Kingdom. Standing on the River Thames, London has been a major settlement for two millennia, its history going back to its founding by the Romans, who named it Londinium. London's ancient core, the City of London, largely retains its 1.12-square-mile (2.9 km2) medieval boundaries and in 2011 had a resident population of 7,375, making it the smallest city in England. Since at least the 19th century, the term London has also referred to the metropolis developed around this core. London is a leading global city, with strengths in the sciences, arts, commerce, education, entertainment, fashion, finance, healthcare, media, professional services, research and development, tourism, and transport all contributing to its prominence. It is one of the world's leading financial centres and has the fifth- or sixth-largest metropolitan area GDP in the world depending on measurement. London is a world cultural capital. It is the world's most-visited city as measured by international arrivals and has the world's largest city airport system measured by passenger traffic. London is the world's leading investment destination, hosting more international retailers and ultra-high-net-worth individuals than any other city. London's 43 universities form the largest concentration of higher education institutes in Europe, and a 2014 report placed it first in the world university rankings. According to the report London also ranks first in the world in software, multimedia development and design, and shares first position in technology readiness. In 2012, London became the first city to host the modern Summer Olympic Games three times. London is a popular center for tourism, one of its prime industries, employing the equivalent of 350,000 full-time workers in 2003, while annual expenditure by tourists is around £15 billion. London attracts over 16 million international visitors per year, making it Europe's most visited city. London attracts 27 million overnight-stay visitors every year. In 2010 the ten most-visited attractions in London were, British Museum, National Gallery, Natural History Museum, Imperial War Museum, Science Museum, Victoria and Albert Museum, National Maritime Museum, Big Ben Tower, Tower of London etc.

Cell Therapy, London, UK represents the largest market worldwide, supported by high R&D interest in developing synthetic biology based products. Within Europe, Germany and UK remain prominent markets.
Tourist Attractions @ London

Big Ben

London Eye

Westminster-abbey

UK Place

UK London

UK Buckingham-Palace

Join us @ London, UK
Glimpses of previous conferences:
6th International Conference and Exhibition on

Cell and Gene Therapy

March 27-28, 2017   Madrid, Spain

Scientific Program
Day 1  March 27, 2017

Registrations

Leon

Keynote Forum

Introduction
Title: Cellular therapy, an autologous cellular PoC approach to satisfy patient’s needs
Falk Heinrichsohn, Aristoloft Lda, Portugal
Title: Development of cost efficient platforms for the industrial manufacturing of pluripotent stem cell-derived products for cell therapy: Cell expansion is the starting point
Ricardo Baptista, Cell and Gene Therapy Catapult, UK

Group Photo

Networking & Refreshment Break

Session Chair: Falk Heinrichsohn, Aristoloft Lda, Portugal
Session Co-chair: Tushar Patel, Mayo Clinic, USA

Session Introduction
Title: Delphi Genetics: the Staby® technology to improve bioproductions for gene therapy
Thierry Van Reeth, Delphi Genetics, Belgium
Title: Scaling-up for commercial manufacturing of an allogeneic product
Olga Bukatova, Aseptic Technologies S.A, Belgium
Title: Enabling tools for gene therapy viral vector development
Ana Sofia Coroadinha, iBET - Instituto de Biologia Experimental e Tecnológica, Portugal

Lunch Break
Title: Stem cell derived extracellular vesicle based therapeutics for liver diseases
Tushar Patel, Mayo Clinic, USA
Title: Novel combinatorial approach with multiple therapeutic genes and clinically feasible gene delivery method improves cancer gene therapy in pre-clinical animal model
Ramasamy Paulmurugan, Stanford University School of Medicine, USA
Title: Clinical development aspects of gene therapy medicinal products
Joachim Scholpp, Boehringer Ingelheim Pharma, Germany
Title: The Duchenne muscular dystrophy: Pathology regression after stem cell treatment
Décio Basso, Universidad Privada Del Este, Paraguay

Networking & Refreshment Break
Title: The power of bespoke biocompatible and biodegradable hydrogels
Guillaume Saint-Pierre, PeptiGelDesign, UK
Title: Novel biodetection materials sensors
José Sánchez del Río, Carlos III Madrid University (UC3M), Spain
Title: Tissue engineering for bladder reconstruction: Exploring bioscaffolds
Wesam Muddather, Cairo University, Egypt

Panel Discussion

Day 2  March 28, 2017

Leon

Keynote Forum

Title: Affinity-selection of heparan sulfate glycosaminoglycans: A promising strategy to augment stem cell therapy
Victor Nurcombe, IMB A*STAR, Singapore
### Session Introduction

**Title: Stem cell based strategies for whole kidney regeneration**  
*Miguel Guillermo Garber*, Revitacell Clinic, Spain

**Title: Transfection of human melanoma cells with reprogramming factors (OKSM) alters cancer-related pathways and tumorigenicity**  
*Acelya Yilmazer*, Ankara University, Turkey

**Title: The effects of music therapy intervention in hospitalized children: Biological results**  
*Maria Jesús del Olmo Barros*, Autonomous University from Madrid, Spain

### Networking & Refreshment Break

**Title: WRN helicase inhibition and induced mitotic catastrophe for selective cancer therapy**  
*Nayef Jarrous*, The Hebrew University-Hadassah Medical School, Israel

**Title: Relationship between cytochrome P450 polymorphisms and prescribed medication in elderly haemodialysis patients**  
*Krystina Parker*, Akershus University Hospital, Norway

### Poster Presentations

**Title: T-cell–based therapeutic modality in solid tumours**  
*Weidong Han*, Chinese PLA General Hospital, China

**Title: MicroRNA engineering improved therapeutic function of human mesenchymal stem cells**  
*Xianhui Meng*, Southeast University, China

**Title: Bioengineered urethra**  
*Rana Zaki*, Cairo University, Egypt

**Title: Promigratory and proangiogenic effects of adiporon on bone marrow-derived mesenchymal stem cells: In vitro study**  
*Sara Malih*, Hamadan University of Medical Sciences, Iran

### Panel Discussion & Closing Ceremony

### Networking & Refreshment Break

### Poster Presentations

**Title: MicroRNA signature of the B16-F10 melanoma cells infected with adeno-associated viral vectors**  
*Agnieszka Zajkowska*, Medical University of Warsaw, Poland

**Title: A performance comparison PCR-based approaches for EGFR mutations status detection in plasma and FFPE tissue of patients with advanced NSCLC**  
*Olga Brovkina*, Government scientific clinical center of federal medical and biological agency of Russia, Russia

**Title: Gene therapy to mitigate radiation-induced bone marrow aplasia: Preliminary study in highly irradiated monkeys**  
*Sabine Francois*, French Armed Forces Biomedical Research Institute – IRBA, France

**Title: Mesenchymal stem cells transplants after pelvic radiotherapy limits the development of radiation-induced fibrosis, in the prostate, without promoting the residual tumor growth**  
*Sabine Francois*, French Armed Forces Biomedical Research Institute – IRBA, France

**Title: Investigate the effect of rapamycin in senescence and chromatin remodelling**  
*Buthaina Al Shueili*, Sultan Qaboos University, Oman

**Title: Alternative choice for human cardiac stem cell culture in stem cell therapeutics: Animal serum-free medium**  
*Heiwon Kyung*, Ewha Womans University, South Korea
CT-07
Title: Articular cartilage regeneration with resident stem cells based therapies in a rabbit osteochondral defect model
HeeJung Kim, Ewha Womans University, South Korea

CT-08
Title: Differentiation of murine dermal papilla cells into myogenic lineage for cell-based therapies in Duchenne muscular dystrophy
Maral Rashidi, Shiraz University, Iran
Scientific Program

5th International Conference and Exhibition on Cell and Gene Therapy

May 19-21, 2016  San Antonio, USA
Day 1                  May 19, 2016
Lone Star West

Registrations

Lone Star West

conferenceseries.com

Opening Ceremony

Group Photo

Keynote Forum

Vikas Kundra
MD Anderson Cancer Center, USA

Jennifer Grinnell (Exhibitor)
Bioshepix, USA

Heidi Strona (Exhibitor)
PeproTech, USA

Networking & Refreshments Break

Track 1: Stem cell Therapies
Track 2: Cellular Therapy
Track 3: Plant Stem cell rejuvenation
Session Chair: Chan-Wha Kim, Korea University College of Life Sciences and Biotechnology, Korea

Session Introduction

Title: Mesenchymal stem cell biology and therapy after ionizing irradiation and wound trauma
Julian G. Kiang, Uniformed Services University of The Health Sciences, USA

Title: Media and supplements must be optimized for mesenchymal stem cell expansion
Anjali Verma, EMD Millipore, USA

Lunch Break

Title: Induction mechanism of neural differentiation of human bone marrow mesenchymal stem cells by electromagnetic field
Chan-Wha Kim, Korea University College of Life Sciences and Biotechnology, Korea

Title: Cellular networking, integration and processing in vivo method to induce pancreatic beta cell formation in the adult pancreas for the purpose to be used as a preventative or therapeutic treatment or cure for both Type 1 and Type 2 Diabetes
Bruno Doiron, University of Texas Health Science Center, USA

Title: Molecular detection of tomato yellow leaf curl virus in tomato crops in kuwait
Ebtesam Al-Ali, Kuwait Institute for Scientific Research, Kuwait

Title: TYLCV Characterization and Identification on Cucumber Using ELISA
Hanadi Al-Hashash, Kuwait Institute for Scientific Research, Kuwait

Networking & Refreshments Break

Title: creating pluripotent stem cells from an adult animal tissue without the use of any retroviruses or nuclear gene manipulation
Michael Heggeness, University of Kansas School of Medicine, USA

Title: Semenogelin I as an androgen receptor coactivator is a novel molecular target for the treatment of prostate cancer
Hiroshi Miyamoto, Johns Hopkins University School of Medicine, USA

Title: Regenerative capacity of local intraoral adipose stem cell with demineralized bone matrix versus autologous bone harvesting in canine alveolar bone defects
Lobna Abdel Aziz Aly, Future University, Egypt

Title: The Endocannabinoid system: Bone to breast therapeutic potential
Reza Mehdizadeh, Iranian Breast Cancer Research Center, Iran

Panel Discussions

Day 2                  May 20, 2016
Lone Star West

conferenceseries.com
Track 4: Cancer Gene Therapy  
Track 5: Advanced Gene Therapeutics  
Session Chair: Juliann G Kiang, Uniformed Services University of The Health Sciences, USA  

Session Introduction  
Title: Preparation of a standardized bank of iPSC-derived mesenchymal stem cells (MSC) engineered to deliver suicide genes into tumors  
Thomas Bartosh, Texas A&M University Health Science Center, USA  
Title: Mesenchymal stem cells and 10-dehydrogingerdione in cisplatin induced renal fibrosis: A potential therapeutic target  
Mohamed Shawky, University of Tabuk, Saudi Arabia  

Networking & Refreshments Break  
Title: Therapeutic targeting of ovarian cancer stem cells  
Daniela Dinulescu, Harvard Medical School, USA  
Title: Therapeutic developments in genetic treatment of duchenne muscular dystrophy: Kuwait experience  
Laila Bastakli, Kuwait Medical Genetic Center, Kuwait  
Title: The advantage of Cancer therapy with targeting Warburg effect mechanism in new possibility cancer disease treatment  
Michail Ponizovskiy, Kiev regional p/n hospital, Germany  

Lunch Break  
Title: CRISPR logic circuits for next generation CRISPR-based gene therapies  
Samira Kiani, Arizona State University, USA  
Title: Comparison of three strategies to differentiate mechanosensory cells from human mesenchymal stem cells (HMSCS) and hair follicle pluripotent stem cells  
Mohammad-Saeid, University of Medical Sciences, Iran  

Networking & Refreshments Break  

Day 3  
May 21, 2016  
Lone Star West  
Sessions  

Track 6: Gene Therapy  
Track 7: Cell and Gene Therapy Products  
Track 8: Diabetes For Gene Therapy  
Track 9: Viral Gene Therapy  
Track 10: Genetically Inherited diseases  
Session Chair: Michail Ponizovskiy, Kiev regional p/n hospital, Germany  

Session Introduction  
Title: Genome editing in vivo with the delivery of Cas9 ribonucleoprotein and donor DNA complexed to gold nanoparticles  
Kunwoo Lee, University of California, USA  
Title: Biophysical and biochemical models of cellular mechanisms as in normal tissue and as well as in cancer tissue and in inflammatory processes  
Michail Ponizovskiy, Kiev regional p/n hospital, Germany  

Networking & Refreshments Break  
Title: Generation of Insulin producing cells from umbilical cord mesenchymal stem cells - A tale of two cells  
Mohamed M. Kamal, Ain Shams University, Egypt  
Title: The epidemiology of viral hepatitis in Saudi Arabia  
Abdullah, King Saud University, Saudi Arabia  
Title: The role of genetics in the etiology of dental caries: A PCR based study  
Deepak Kumar Roy, B.P. Koirala Institute of Health Sciences, Nepal  

Lunch Break