Scientific Program

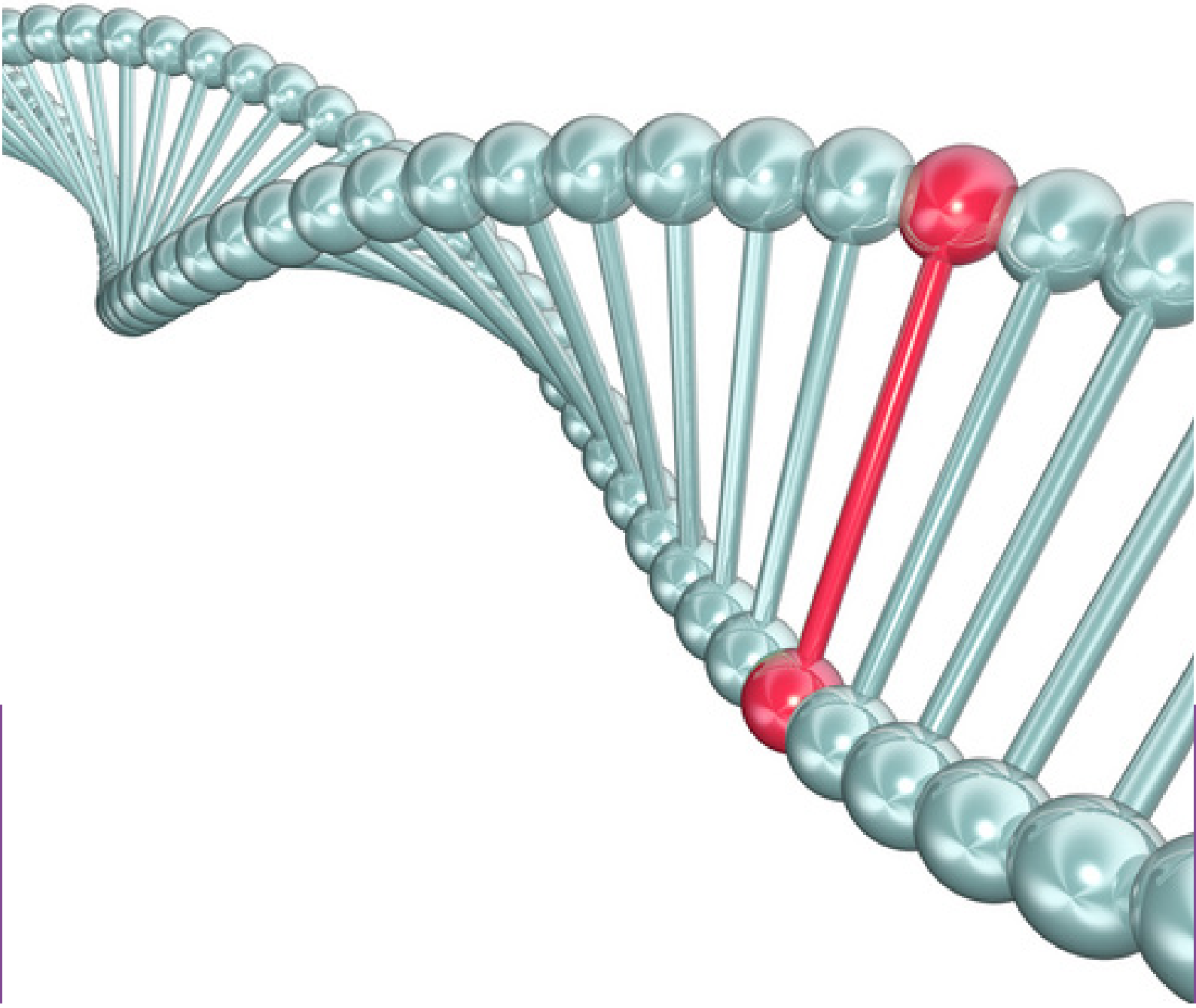
492nd Conference

conferenceseries.com

5th International Conference and Exhibition on

Cell and Gene Therapy

May 19-21, 2016 San Antonio, USA



Conference Series LLC

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Day 1 May 19, 2016

09:00-09:30 Registrations

Lone Star West

conferenceseries.com 09:30-10:00 **Opening Ceremony**

Group Photo 10:00-10:10

Keynote Forum

10:10-10:50 **Vikas Kundra**
MD Anderson Cancer Center, USA

Networking & Refreshments Break 10:50-11:10 @ Foyer

11:10-11:45 **Jennifer Grinnell** (Exhibitor)
Biosheprix, USA

11:45-12:20 **Heidi Strona** (Exhibitor)
PeproTech, USA

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

12:20-12:50 **Tittle: Mesenchymal stem cell biology and therapy after ionizing irradiation and wound trauma**
Juliann G. Kiang, Uniformed Services University of The Health Sciences, USA

12:50-13:20 **Tittle:Media and supplements must be optimized for mesenchymal stem cell expansion**
Anjali Verma, EMD Millipore, USA

Lunch Break 13:20-14:00 @ Texas E

14:00-14:30 **Tittle: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

14:30-15:00 **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

15:00-15:30 **Title: Molecular detection of tomato yellow leaf curl virus in tomato crops in kuwait**
Ebtesam Al-Ali, Kuwait institute for Scientific Research, Kuwait

15:30-16:00 **Title: TYLCV Characterization and Identification on Cucumber Using ELISA**
Hanadi Al-Hashash, Kuwait Institute for Scientific Research, Kuwait

Networking & Refreshments Break 16:00-16:20 @ Foyer

16:20-16:50 **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

16:50-17:20 **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

17:20-17:50 **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

17:50-18:20 **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

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

10:00-10:30 **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

10:30-11:00 **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 11:00-11:20 @ Foyer

11:20-11:50 **Title: Therapeutic targeting of ovarian cancer stems cells**
Daniela Dinulescu, Harvard Medical School, USA

11:50-12:20 **Title: Therapeutic developments in genetic treatment of duchenne muscular dystrophy: Kuwait experience**
Laila Bastakli, Kuwait Medical Genetic Center, Kuwait

12:20-12:50 **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 12:50-13:40 @ Texas E

13:40-15:10 **Title: CRISPR logic circuits for next generation CRISPR-based gene therapies**
Samira Kiani, Arizona State University, USA

15:10-15:40 **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 15:40-16:00 @ Foyer

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

10:00-10:30 **Title: Genome editing in vivo with the delivery of Cas9 ribonucleoprotein and donor DNA complexed to gold nanoparticles**
Kunwoo Lee, University of California, USA

10:30-11:00 **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 11:00-11:20 @ Foyer

11:20-11:50 **Title: Generation of Insulin producing cells from umbilical cord mesenchymal stem cells - A tale of two cells**
Mohamed M. Kamal, Ain Shams University, Egypt

11:50-12:20 **Title: The epidemiology of viral hepatitis in Saudi Arabia**
Abdullah, King Saud University, Saudi Arabia

12:20-12:50 **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 12:50-13:40 @ Texas E

13:40-15:10 **Title: CD_{226} and CD_{40} gene polymorphism in susceptibility to Juvenile rheumatoid arthritis in Egyptian patients**
Heba Mosaad, Mansoura University School of Medicine, Egypt

Panel Discussion & Certificate Falicitation