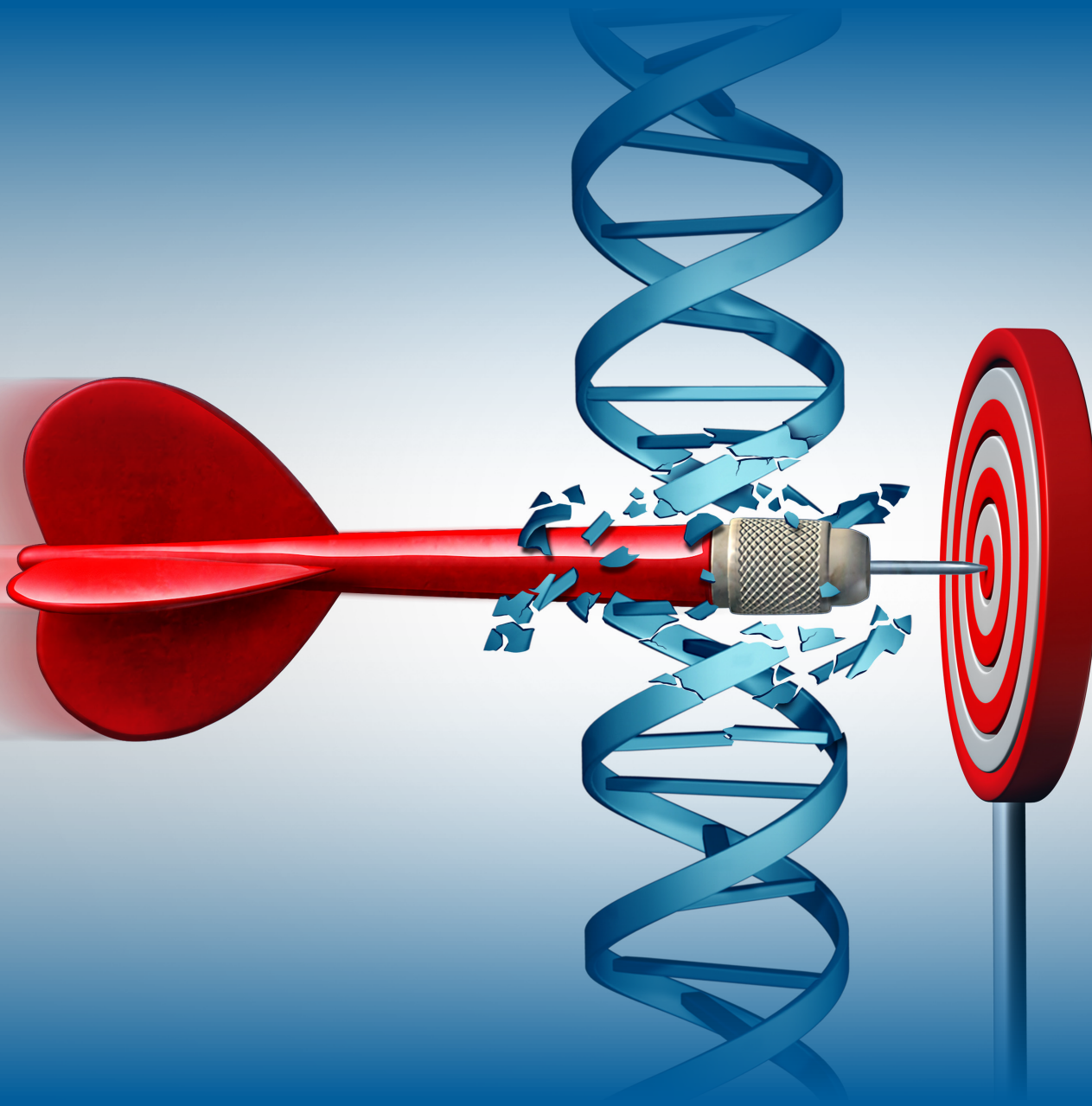


7th International Conference and Exhibition on

CELL AND GENE THERAPY

March 15-16, 2018 | London, UK



Conference Series -America

One Commerce Center-1201, Orange St. #600, Wilmington, Zip 19899, Delaware, USA
Toll Free: 1-888-843-8169, P: 702-508-5200, F: +1-650-618-1417

Conference Series -UK

Kemp House, 152 City Road, London EC1V 2NX, UK
Toll Free: +0-800-014-8923

Hall- Wright

conference**series.com** 09:00-09:25

Opening Ceremony

Keynote Forum

09:25-09:30 Introduction

Title: Stem cell therapy: bone regeneration for critical size bone defects

09:30-10:10

Shuying Yang, University of Pennsylvania, USA

Title: Assessing cytokine signatures and cytolytic potential for T cells and NK cells used for immune therapy

10:10-10:50

Paul von Hoegen, CTL Europe GmbH, Germany

Group Photo@ 10:50-11:00

Networking and Refreshments Break 11:00-11:15 @ Breakout Area

11:15-11:55

Title: Photobiomodulation affects mitochondria morphogenesis and function

Katarina Stroffekova, Pavol Jozef Šafárik University, Slovakia

Title: In vitro expanded human adipose-derived stem cells as a model for drug testing and tissue engineering tool

11:55-12:35

Michał Pikuła, Medical University of Gdansk, Poland

Lunch Break 12:35-13:15 @ RBG

Sessions: Cell Therapy | Gene Therapy | Cell Culture and Bioprocessing | Clinical Trials on Cell & Gene Therapy | Cell Science and Stem Cell Research | Tissue Science & Regenerative Medicine

Session Chair: Shalini Gupta, King George's Medical University, India

Session Introduction

13:15-13:45

Title: ZSCAN10 transcription factor regulates glutathione pathway multimodally

Maria Skamagki, Memorial Sloan Kettering Cancer Center, USA

13:45-14:15

Title : Ethical issues in cell and gene therapy using CRISPR/Cas9 system

Yuan-Chuan Chen, National Applied Research Laboratories, Taiwan

Title : Association between NAT- 1 and NAT- 2 and risk of oral pre cancer and cancer in North India

14:15-14:45

Shalini Gupta, King George's Medical University, India

Title : p63 silencing overcomes barriers to human cardiac cellular reprogramming

14:45-15:15

Todd K Rosengart, Baylor College of Medicine, USA

Title: Graphene based nanomaterials for cancer therapy

15:15-15:45

A. Yilmazer, AnkaraUniversity, Turkey

Title: Genetically encoded tools applying in phenotyping and toxicity test

15:45-16:15

Yu-Fen Chang, LumiSTAR biotechnology, Taiwan

Networking and Refreshments Break 16:15-16:30 @ Breakout Area

Panel Discussion

Day 2 March 16, 2018

Hall- Wright

Keynote Forum

10:00-10:40

Title: The Regentime® technique in stem cell therapy: a gate to immortality

Nassim Abi Chahine, ACE Cells Lab Ltd, UK

10:40-11:20

Title: Novel gene therapy approaches for the treatment of diabetic cardiomyopathy

Paolo Madeddu, University of Bristol, UK

Networking and Refreshments Break 11:20-11:35 @ Breakout Area

Sessions: Gene and Cell Therapy for Rare & Common Diseases | Cell Therapy of Cardiovascular Disorders | Nano Therapy | Viral Gene Therapy | Stem Cell Therapies

Session Chair: Shalini Gupta, King George's Medical University, India

Session Introduction

- 11:35-12:05** **Title: Determinates of cell therapy efficacy for tissue and organ repair**
Williams J K, Wake Forest School of Medicine, USA
- 12:05-12:35** **Title: Plant virus nanoparticles: new applications for developing countries**
Kathleen Hefferon, Cornell University, USA
- 12:35-13:05** **Title: Novel anti-cancer binary system activated by bacteriophage HK022 integrase**
Amer Elias, Tel-Aviv University, Israel

Lunch Break 13:05-13:50 @ RBG

- 13:50-14:20** **Title: The effectivity of novel mesenchymal stem cell therapy in graft-versus-host disease**
E Molnar, Hungarian National Blood Transfusion Service, Hungary
- 14:20-14:50** **Title: The most common genetic disease in Hail and diseases related to consanguinity**
Kholoud Mokhtar Al-Azmi, University of Hail, KSA
- 14:50-15:20** **Title: SenezRed™ vital fluorescence probe for detecting mesenchymal stem cell senescence**
Joshur Ang, Agency for Science, Technology and Research (A*STAR), Singapore
- 15:20-15:50** **Title: Evolution of recombinant adeno-associated viral vectors for application in ocular gene therapy**
Anand David, University of Bern, Switzerland

Poster Presentations 15:50-16:20 @ Foyer

Poster Judge : Todd K. Rosengart, Baylor College of Medicine, USA

- CGT-01** **Title: Production of therapeutically relevant lentiviral vectors for clinical studies**
Johann-Christoph Dettmann, Miltenyi Biotec GmbH, Germany
- CGT-02** **Title: The effect of Anethum on Dyrk1B gene expression in metabolic syndrome and coronary artery disease**
Maryam fathi, Arsanjan university, Iran
- CGT-03** **Title: Efficient method of cancer cells therapy repairing quasi-stationary pathologic State of an organism into stationary normal state of an organism**
M. Ponizovskiy, Kiev regional Hospital, Ukraine
- CGT-04** **Title: The effects of Zataria multiflora extract on Dyrk1B gene expression in metabolic syndrome and coronary artery disease**
Reza Naderipour, Arsanjan university, Iran
- CGT-05** **Title: A scalable microfluidics platform for the development of nanoparticles**
Richard Broadhead, Precision NanoSystems Inc., Canada

Networking and Refreshments Break 16:20-16:35 @ Breakout Area

Panel Discussion

Awards & Closing Ceremony 16:35-17:50