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9th International Conference and Exhibition on

Advanced Cell and Gene Therapy

March 21-22, 2019
Rome, Italy



SCIENTIFIC PROGRAM

DAY 1
Thursday, 21st March

08:30-09:00 **Registrations**

09:00-09:30 **Introduction**

09:30-09:50 COFFEE BREAK

09:50-11:50 Meeting Hall 01 **KEYNOTE LECTURES**

MEETING HALL 01

11:50-13:10 **Talks On:**

- Cell Therapy
- Gene Therapy
- Stem Cell Therapies
- Cell Culture and Bioprocessing

13:10-13:15 GROUP PHOTO

13:15-14:00 LUNCH BREAK

MEETING HALL 01

14:00-16:00 **Talks On:**

- Viral Gene Therapy
- Cell and Gene Therapy for Rare & Common Diseases
- Tissue Science & Regenerative Medicine
- Molecular Basis of Epigenetics

16:00-16:20 COFFEE BREAK

MEETING HALL 01 (16:20-17:00)	MEETING HALL 01 (17:00-18:00)
Young Researchers in Cell Therapy	Workshop

DAY 2
Friday 22nd March

09:00-10:30 Meeting Hall 01 — **KEYNOTE LECTURES**

10:30-10:50 COFFEE BREAK

MEETING HALL 01

10:50-12:50 **Talks On:**

- Cell Culture and Bioprocessing
- Viral Gene Therapy
- Cell and Gene Therapy for Rare & Common Diseases
- Tissue Science & Regenerative Medicine

12:50-13:35 LUNCH BREAK

MEETING HALL 01

13:35-15:55 **Talks On:**

- Molecular Basis of Epigenetics
- Bioengineering Therapeutics
- Cell Science and Stem Cell Research
- Clinical Trials on Cell & Gene Therapy

15:55-16:15 COFFEE BREAK

MEETING HALL 01 (16:15-17:00)	MEETING HALL 01 (17:00-18:00)
Poster Presentations	Workshop

Awards & Closing Ceremony

Rome Attractions



Glimpses of Cell Therapy Conferences

















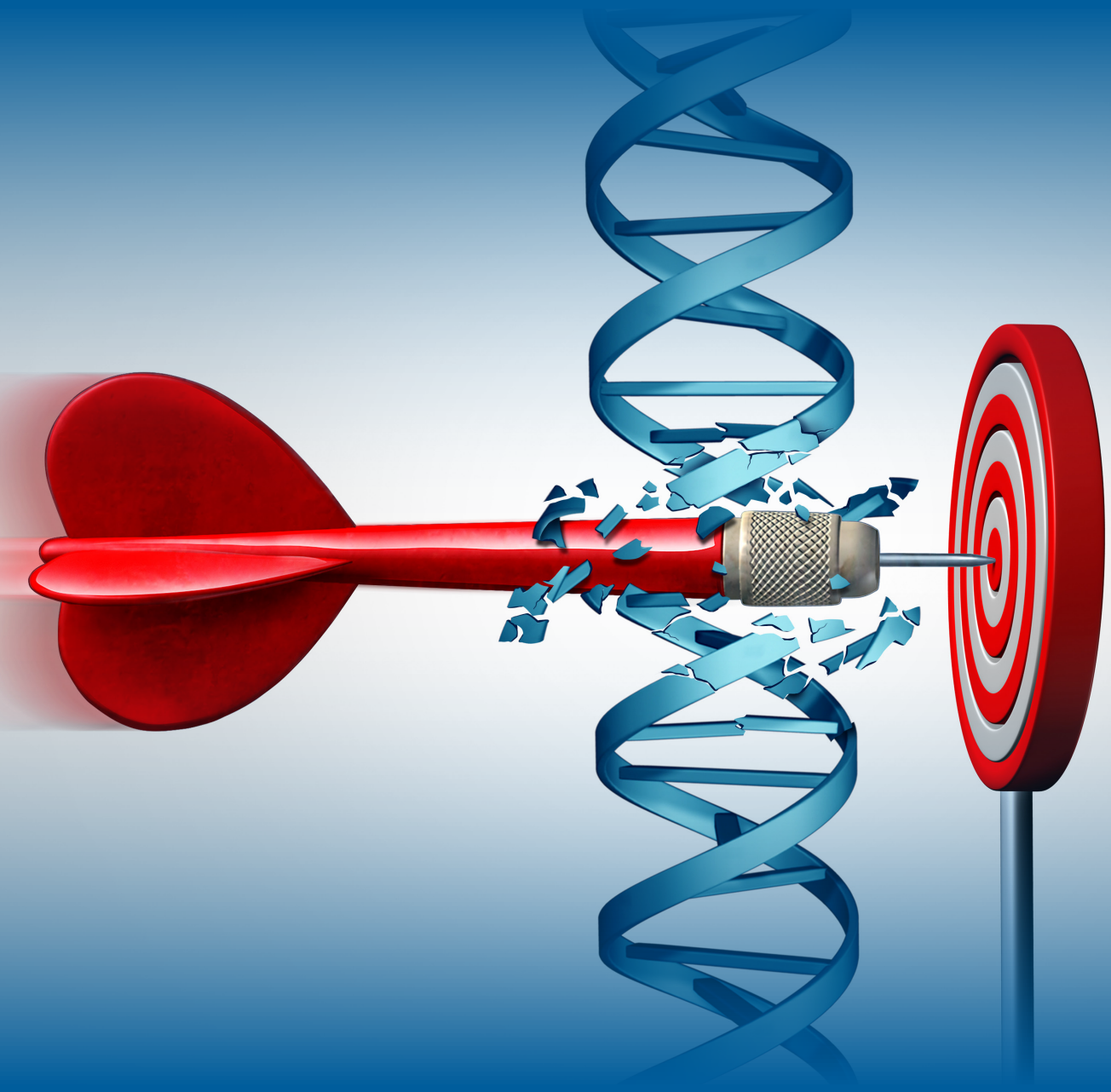
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1570th Conference

Scientific Program

7th International Conference and Exhibition on

CELL AND GENE THERAPY

March 15-16, 2018 | London, UK



UK: Conference Series llc LTD
47 Churchfield Road, London, W3 6AY
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Day 1 March 15, 2018

Registrations

Hall- Wright

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Opening Ceremony

Keynote Forum

Introduction

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

Shuying Yang, University of Pennsylvania, USA

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

Paul von Hoegen, CTL Europe GmbH, Germany

Group Photo

Networking and Refreshments Break

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

Michał Pikuła, Medical University of Gdansk, Poland

Lunch Break

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

Title: ZSCAN10 transcription factor regulates glutathione pathway multimodally

Maria Skamagki, Memorial Sloan Kettering Cancer Center, USA

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

Shalini Gupta, King George's Medical University, India

Title : p63 silencing overcomes barriers to human cardiac cellular reprogramming

Todd K Rosengart, Baylor College of Medicine, USA

Title: Graphene based nanomaterials for cancer therapy

A. Yilmazer, AnkaraUniversity, Turkey

Title: Genetically encoded tools applying in phenotyping and toxicity test

Yu-Fen Chang, LumiSTAR biotechnology, Taiwan

Networking and Refreshments Break

Panel Discussion

Day 2 March 16, 2018

Hall- Wright

Keynote Forum

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

Nassim Abi Chahine, ACE Cells Lab Ltd, UK

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

Paolo Madeddu, University of Bristol, UK

Networking and Refreshments Break

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

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

Lunch Break

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

Poster Presentations

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

Panel Discussion

Awards & Closing Ceremony

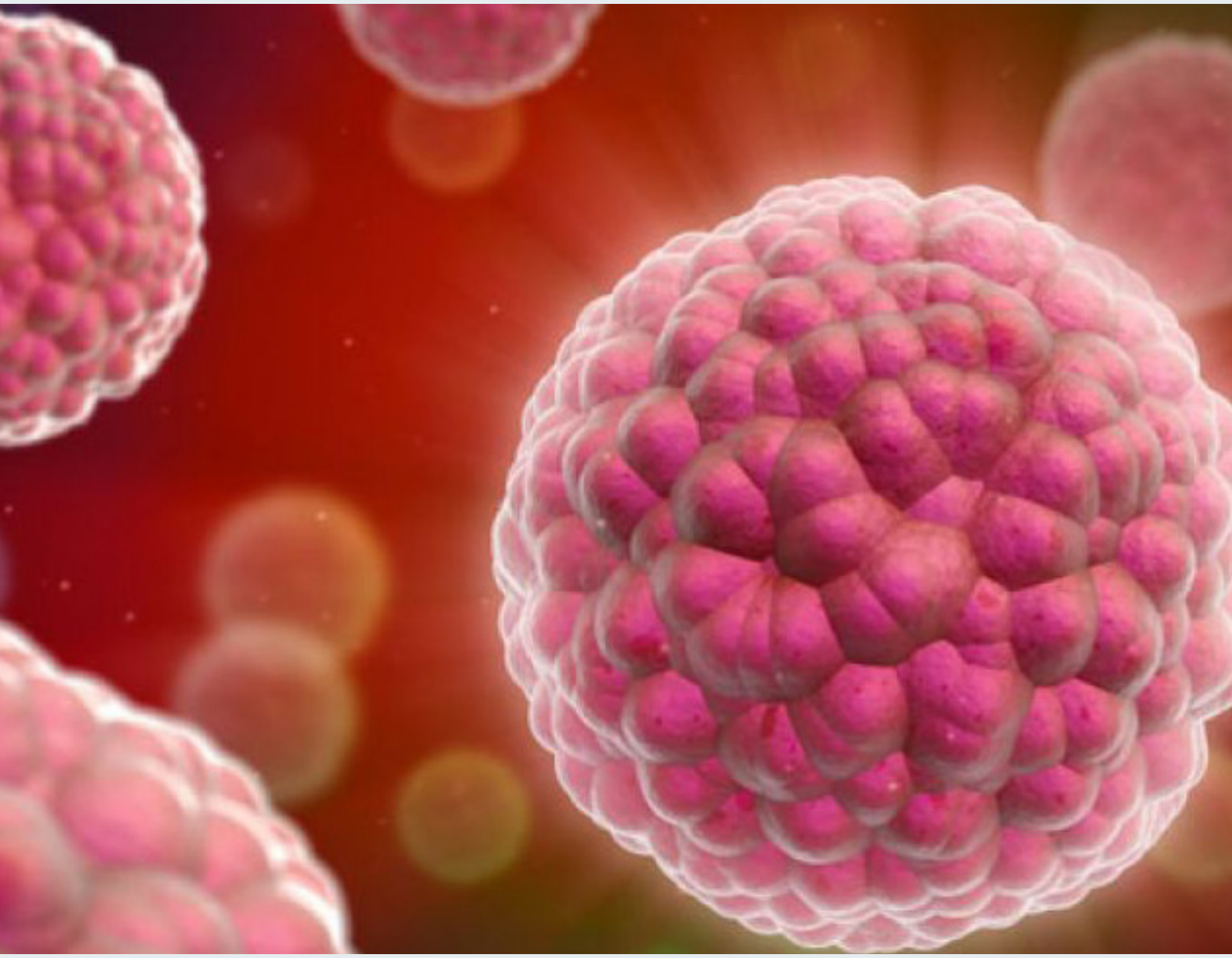
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915th Conference

Scientific Program

6th International Conference and Exhibition on

Cell and Gene Therapy

March 27-28, 2017 Madrid, Spain



UK: Conference Series llc LTD
47 Churchfield Road, London, W3 6AY

Day 1 March 27, 2017

Registrations

Leon

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Opening Ceremony

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

Sessions: Cell Therapy | Gene Therapy | Stem Cell Therapy | Cellular Therapy Technologies | Markets & Future Prospects for Cell & Gene Therapy

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

Sessions: Tissue Science | Regenerative Medicine | Cell Science | Stem Cell Research | Clinical trials in cell and gene therapy |Regulatory & Safety Aspects of Cell & Gene Therapy

Session Chair: Hans Sollinger, University of Wisconsin School of Medicine and Public Health, USA
Session Co-chair: María Jesús del Olmo Barros, Autonomous University from Madrid, Spain

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, AnkaraUniversity, Turkey

Title: The effects of music therapy intervention in hospitalized children: Biological results
María 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

Lunch Break

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 Cermony

Networking & Refreshment Break

Poster Presentations

CT-01 **Title: MicroRNA signature of the B16-F10 melanoma cells infected with adeno-associated viral vectors**
Agnieszka Zajkowska, Medical University of Warsaw, Poland

CT-02 **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

CT-03 **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

CT-04 **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

CT-05 **Title: Investigate the effect of rapamycin in senescence and chromatin remodelling**
Buthaina Al Shueili, Sultan Qaboos University, Oman

CT-06 **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 linage for cell-based therapies in Duchenne muscular dystrophy**

Maral Rashidi, Shiraz University, Iran

Bookmark your dates

7th International Conference and Exhibition on

Cell and Gene Therapy

March 26-27, 2018 Berlin, Germany

e-mail: celltherapy@geneticconferences.com; celltherapy@conferenceseries.com; celltherapy@conferenceseries.net
Website: www.cellgenetherapy.conferenceseries.com

