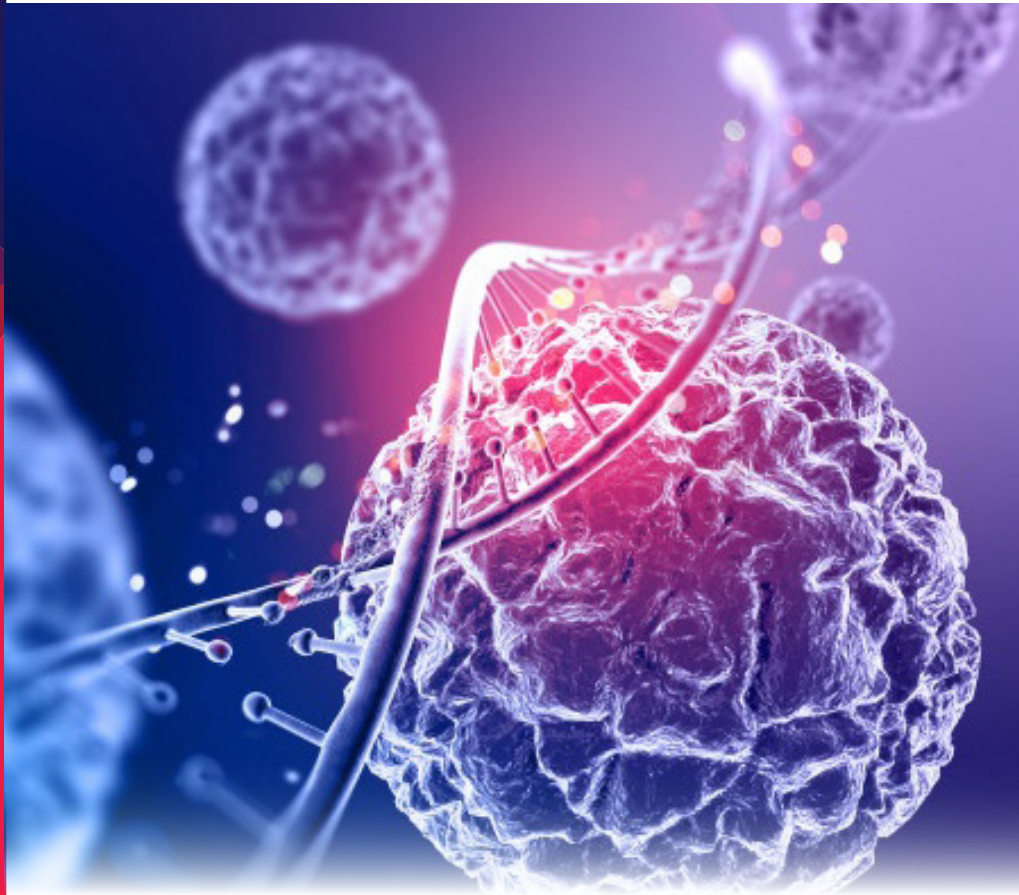


# Scientific Program



9<sup>th</sup> International Conference and Exhibition on  
**Advanced Cell and  
Gene Therapy**

March 21-22, 2019 | Rome, Italy

**UK: Conference Series LLC Ltd**  
47 Churchfield Road, London, W3 6AY  
Toll Free: +0-800-014-8923

# DAY-1

March 21, 2019

Meeting Hall: **Olimpica 3+4**

09:00-09:30 Registrations

*Opening Ceremony* ..... **09:30-09:50**

## KEYNOTE FORUM

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09:50-10:00 Introduction

10:00-10:40 **Title: Mesangiogenic progenitor cells (MPCs) in orthopedics, a new tool for cell-based medicinal products?**  
Simone Pacini, University of Pisa, Italy

10:40-11:20 **Title: The impact of IR radiation on the induction of bystander killing by genetically engineered ovarian tumor cells: implications for clinical use of cancer vaccines**  
Jehad Zweiri, University of Liverpool School of Medicine, UK

## GROUP PHOTO

**Networking & Refreshments 11:20-11:35 @ Foyer**

11:35-12:15 **Title: Mesenchymal stem cells from chronic pancreatitis patients prolongs mice and human islet survival**  
Hongjun Wang, Medical University of South Carolina, USA

**Sessions: Cell Therapy | Tissue Science & Regenerative Medicine | Cell and Gene Therapy for Rare & Common Diseases | Bioengineering Therapeutics | Viral gene therapy | Advanced Gene Therapeutics | stem cell therapies**

**Chair: Simone Pacini**, University of Pisa, Italy

## INTRODUCTION

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12:15-12:45 **Title: Gigahertz acoustic streaming induced cell membrane poration towards intracellular delivery**  
Xuexin Duan, Tianjin University, China

12.45-13:15 **Title: Human CAR-NK cells: A new non-viral method allowing high efficient transfection and target cell killing**  
Tiziano Ingegnere, IRCSS Bambino Gesù Pediatric Hospital, Italy

**Lunch Break 13:15-14:15 @ Hotel Restaurants**

14:15-14:45 **Title: Stem cell therapy for Crigler Najjar syndrome type I**  
Sharmila Fagoonee, Institute of Biostructure and Bioimaging, CNR, Italy

## KEYNOTE TALK

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14:45-15:25 **Title: Development of therapeutic vaccines against cancer associated antigens**  
Farzin Farzaneh, King's College London, UK

## WORKSHOP

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15:25-16:10 **Title: The translation of fundamental research discoveries into cell and gene based medicinal products**  
Farzin Farzaneh, King's College London, UK

Networking & Refreshments 16:10-16:25 @ Foyer

## Panel Discussion

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# DAY-2

March 22, 2019

## POSTER PRESENTATIONS 10.00 – 11.00 @ FOYER

- CT-01** **Title: Efficiency comparison between vectors containing the genomic or complementary DNA sequences of human growth hormone in an animal model of gene therapy**  
Enio Aparecido Zacarias, Nuclear and Energy Research Institute, IPEN-CNEN/SP, Brazil
- CT-02** **Title: Electrotransference of the mouse growth hormone gene associated with the administration of mesenchymal stem cells, in a murine model of osteogenesis imperfecta**  
Alissandra de Moura Gomes, Nuclear and Energy Research Institute – IPEN-CNEN/SP, Brazil
- CT-03** **Title: Intramuscular growth hormone plasmid DNA eletrotransfer effects on bone quality in a murine model of osteogenesis imperfecta**  
Gustavo Protasio Pacheco de Jesus, Nuclear and Energy Research Institute – IPEN-CNEN/SP, Brazil
- CT-04** **Title: Structure-function properties of Kytococcus sedentarius WhiB1**  
Meshari Alhadlaq, University of Sheffield, UK

## Awards & Closing Ceremony

Networking & Lunch 12:30-13:30 @ Hotel Restaurants