2nd Congress

Hellenic Society of Gene Therapy and Regenerative Medicine

From Research to Clinical Practice

26-27 May 2017
Hotel Crowne Plaza
Athens, Greece

1st Announcement
Preliminary Program
Following the success of its Inaugural Meeting in 2016, the newly founded Hellenic Society of Gene Therapy and Regenerative Medicine, is organising its Second Meeting in Athens, on May 26-27, 2017.

The primary goal of the event is to offer the opportunity for all Greek scientists actively involved in the fields of the Society, to get together and exchange novel ideas for future research. Furthermore, the Meeting aims to provide a forum for the presentation of pioneering work by eminent Greek scientists from abroad and stimulate an optimal intellectual environment for further collaborations, while outreaching the society and all involved national stakeholders, by formally presenting them the new developments in the fields of Gene and Cell Therapy and Regenerative Medicine.

During the last decade, these fields have accomplished spectacular advances in the treatment of nearly untreatable disorders, such as the severe immunodeficiencies, hemophilia B, blindness, cystic fibrosis, adrenoleukodystrophy, thalassemia, severe neurological and cardiovascular disorders, cancer, and complications following transplantation of hemopoietic stem cells. Currently, research is expanding to new target-disorders, while optimising existing approaches and developing innovative cutting-edge technologies.

Our Meeting is actually a multidisciplinary event, and is addressed to all scientists of the biomedical fields and of physical sciences. This year’s Meeting features a Scientific Program of unprecedented diversity, reflecting recent developments both on the basic science and on the clinical applications of the field. It includes an Educational Program introducing the basic concepts and technologies of the field, and several Scientific Sessions focused on major developments of Gene Therapy, Cell Therapy and Regenerative Medicine. Indicative topics of the invited international speakers, include Modelling Human Diseases, Towards Clinical Translation of iPS Cells, Gene Editing Technologies, Adoptive Immunotherapy, Advances in Gene Therapy of CNS and Blood Disorders, New CAR T-Cell Technologies, plus other important topics.

We are both privileged and delighted to invite you to participate to this exciting Meeting in Athens, a city which through its glorious past, remains a warm and a hospitable place, worthy of its history. We promise you an unforgettable scientific event and a rich cultural adventure!

The Presidents of the Society and the Organizing Committee
Achilles Anagnostopoulos

The Presidents of the Scientific Committee
Nicholas P. Anagnou
Preliminary Program

Friday, May 26, 2017

08:00 Registrations

08:30-10:00 Educational Program - Gene Therapy

Viral vector technology
George Vassilopoulos, MD, PhD, Professor of Hematology - Internal Medicine, University of Thessalia, University Hospital of Larissa, Group Leader, Laboratory of Cell and Gene Therapy, Foundation for Biomedical Research of the Academy of Athens (IIBEAA), Athens, Greece

Increasing safety and efficacy
Nicholas P. Anagnou, MD, PhD, Professor of Biology, Laboratory of Biology, University of Athens School of Medicine and Group Leader, Laboratory of Cell and Gene Therapy, Foundation for Biomedical Research of the Academy of Athens (IIBEAA), Athens, Greece

Clinical successes in gene therapy: results, lessons and challenges
Evangelia Yannaki, MD, Affiliate Associate Professor, Department of Medicine, University of Washington, Director, Gene and Cell Therapy Center, Hematology Department - Bone Marrow Transplantation Unit, George Papanicolaou Hospital, Thessaloniki, Greece

10:00-10:20 Break

10:20-12:00 Educational Program - iPS cells

A decade of iPS cells
Evgenios Goussetis, MD, Pediatrician, Hematologist, Stem Cell Transplant Unit, Aghia Sophia Children’s Hospital, Athens, Greece

Pluripotent stem cells as tools for disease modeling and drug screening*
Nissim Benvenisty, MD, PhD, Professor of Genetics, The Herbert Cohn Chair in Cancer Research, Director, The Azrieli Center for Stem Cells and Genetic Research, Institute of Life Sciences, The Hebrew University of Jerusalem, Jerusalem, Israel

Towards clinical translation*
Juan Carlos Izpisua Belmonte, MD, PhD, Principal Investigator, Professor in the Gene Expression Laboratories, Salk Institute for Biological Studies, California, USA

12:00-13:00 Oral Presentations

*The lectures indicated with an asterisk (*) will be given in English. Slide presentations will be in English for all talks.
Saturday, May 27 2017

08:30-10:45 **Regenerative Medicine**

3D Scaffolds and tissue culture systems
*Maria Chatzinikolaidou*, MD, PhD, Assistant Professor, Department of Materials Science and Technology, University of Crete, Heraklion, Greece

Cardiac regeneration*
*Maximilian Y. Emmert*, MD, PhD, Assistant Professor, Group Leader, Institute for Regenerative Medicine (IREM), University of Zurich, Zurich, Switzerland; Clinic for Cardiac Surgery, University Hospital of Zurich, Zurich, Switzerland

Modelling development and disease with organoids*
*Angelos Papaspyropoulos*, PhD, Postdoctoral Fellow, Hubrecht Institute for Developmental Biology and Stem Cell Research, Utrecht, The Netherlands

Regenerating neuroimplants in spinal cord injury*
*Achilleas Gravanis*, Professor of Pharmacology, Medical School University of Crete, Researcher, Institute of Molecular Biology and Biotechnology IMBB-FORTH, Heraklion, Greece

10:45-11:15 **Break**

11:15-13:00 **Clinical Developments in Gene Therapy**

Gene therapy for Fanconi Anemia*
*Julian Sevilla*, MD, PhD, Servicio Hemato-Oncología Pediátrica, H. Infantil Universitario Niño Jesús, FIB. HIUNJ. GCV CIBERER, Madrid, Spain

Gene therapy for CNS diseases*
*Nathalie Cartier*, MD, PhD, Director of Research, INSERM U1169, Biotherapy for Neurodegenerative Diseases, Molecular Imaging Research Center, Paris, France

Immune deficiencies*
*Alessandro Aiuti*, MD, PhD, Clinical Research Coordinator and Head of Unit, Pediatric Immunohematology and Bone Marrow Transplantation Unit, San Raffaele Scientific Institute, Milano, Italy

13:00-14:00 **Break**

14:00-15:00 **Oral Presentations**

15:00-16:45 More than one Curative Options for Hemoglobinopathies

Allogeneic stem cell transplantation
*Stelios Graphakos*, MD, Scientific Director, ORAMA ELPIDAS Bone Marrow Donor Center

Gene therapy*
*Marina Cavazzana*, MD, PhD, Professor of Hematology and Chief of the Biotherapy Department in Necker – Children’s Hospital, Paris, France

Gene editing*
*Matthew Porteus*, MD, PhD, Associate Professor of Pediatrics, Stanford University School of Medicine, Department of Pediatrics, Hematology/Oncology/Stem Cell Transplantation/ Cancer Biology, Larry Lokey Stem Cell Research Building, Stanford, California, USA

16:45-17:15 **Break**

17:15-19:30 **Targeting Leukemia and Cancer**

Identification of novel therapeutic targets in AML using CRISPR screens*
*Kostas Tzelepis*, PhD Student, Haematological Cancer Genetics, Wellcome Trust Sanger Institute, Department of Haematology, Cambridge University Hospitals NHS Trust, Cambridge, UK

Engineered dendritic cells for adoptive immunotherapy*
*Renato Stripecke*, MD, PhD, Associate Professor, Department of Hematology, Hemostasis, Oncology and Stem Cell Transplantation and Group Leader in Lymphatic Cell Therapy, DFG-Excellence Cluster REBIRTH, Hannover Medical School, Hannover, Germany

CAR-T cells targeting myeloid malignancies*
*Attilio Bondanza*, MD PhD, Head, Innovative Immunotherapies Unit, San Raffaele University Hospital and Scientific Institute, Milan, Italy

Universal CAR-T-cells*
*Waseem Qasim*, MD, PhD, NIHR Professor in Cell and Gene Therapy, Consultant in Paediatric Immunology/BMT, Institute of Child Health and Great Ormond Street Hospital, London, UK

19:30-20:15 **Plenary Session - Awards (2 Best Oral and 3 Poster Abstracts) and the George Stamatoyannopoulos Award**

20:15-21:00 **General Assembly of the Hellenic Society of Gene Therapy and Regenerative Medicine**

*The lectures indicated with an asterisk (*) will be given in English. Slide presentations will be in English for all talks.*
General information

The 2nd Congress of the Hellenic Society of Gene Therapy and Regenerative Medicine will take place in Crowne Plaza Hotel, Athens, Greece, on May 26-27, 2017.

Venue
Crowne Plaza Hotel
Address: 50, Michalakopoulou street, Athens, Greece
http://www.cpathens.com

Registrations
Registration may be completed by the following ways:
• Bank Transfer
  Please complete and send the Participation Form by e-mail along with the Bank account receipt to the Congress Secretariat.
• Credit Card
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Congress Secretariat
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Registration Fee

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<td>Biologists, Biochemists, Other professionals</td>
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<td>Resident Doctors, Postdoctoral fellows, Postgraduate students</td>
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<td>Nurses and Technologists</td>
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Registration includes
• Congress folder (program/Abstract Book)
• Congress attendance
• Coffee breaks/light lunches
• Welcome reception
Participation Form

FIRST NAME: ___________________________ LAST NAME: ___________________________

AFFILIATION: ___________________________

HOSPITAL: ___________________________ COUNTRY: ___________________________

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