CONGRESS
HELLENIC SOCIETY
OF GENE THERAPY AND
REGENERATIVE MEDICINE

23-24
SEPTEMBER 2016
HOTEL
ELECTRA PALACE
THESALONIKI
GREECE

INTERNATIONAL SYMPOSIUM ON
THE CLINICAL ADVANCES
OF GENE THERAPY
24 SEPTEMBER 2016

FIRST ANNOUNCEMENT
Board of Directors & Organizing Committee

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<th>Role</th>
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<tr>
<td>President</td>
<td>Achilles Anagnostopoulos</td>
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<td>President Elect</td>
<td>Nicholas P. Anagnou</td>
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<td>General Secretary</td>
<td>Aglaia Athanasiadou</td>
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<td>Special Secretary</td>
<td>Alexandros Spyridonidis</td>
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<td>Treasurer</td>
<td>George Vassilopoulos</td>
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<td>Ioannis Baltadakis</td>
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<td>Evangelia Yannaki</td>
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Scientific Committee

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e-mail: info@geneeregther.gr

Congress Secretariat: VitaCongress V. Vourazeris & Co
4, Papadiamantopoulou str., 115 28 Athens, Greece
Tel.: +30 210 72 54 360, Fax: +30 210 72 54 363
e-mail: info@vitacongress.gr; web: www.vitacongress.gr

1st CONGRESS
HELLENIC SOCIETY GENE THERAPY AND REGENERATIVE MEDICINE
INTERNATIONAL SYMPOSIUM
ON THE CLINICAL ADVANCES OF GENE THERAPY

THESSALONIKI, September 23-24, 2016

Invitation

The newly founded HELLENIC SOCIETY OF GENE THERAPY AND REGENERATIVE MEDICINE organizes its Inaugural Meeting in Thessaloniki on September 23-24, 2016. This event aims at both gathering together for the first time all scientists, younger and more experienced, engaging in relevant research in Greece and also mapping the Greek scientific potential in this area. In addition, this meeting will be a forum for the presentation of original research from leading scientists worldwide, also fostering collaborative initiatives. Last but not least, it will offer the Greek authorities and society at large, the opportunity to learn the state-of-the-art in gene-cell therapy and regenerative medicine.

Over the last decade, research in gene and cell therapy and regenerative medicine has led to landmark achievements in difficult to treat diseases including severe immune deficiencies, hemophilia B, cystic fibrosis, leukodystrophy, thalassemia, neurological and cardiovascular disorders, cancer and graft versus host disease. Presently, the research in these fields extends to novel disease targets, while the methodology improves and new cutting-edge technologies are introduced.

Our meeting aims to attract not only scientists active in Greece but also those from abroad. The program of the first day includes an educational Session on basic concepts and protocols, a Session on cell therapies and regenerative medicine, as well as a special Session on legal aspects and regulatory issues for advanced therapies in Greece. The second day is devoted to the International Symposium on Clinical Advances of Gene Therapy. This Symposium focuses on recent important clinical achievements in gene therapy of inherited and acquired diseases and on the emerging new platforms for gene therapy such as genetically modified T cells and genome editing. These seminal achievements in gene therapy will be presented by the key implicated scientists who introduced the entailed approaches.

Thessaloniki is a beautiful and welcoming city with a long tradition in art and letters, the oldest metropolis in Europe with an uninterrupted history of 2300 years and numerous sites of interest in both the city and its surroundings.

We cordially invite you to participate in the 1st Meeting of the HELLENIC SOCIETY OF GENE THERAPY AND REGENERATIVE MEDICINE. We promise a warm welcome and an exciting scientific event.

The Presidents of the

Scientific Committee
George Stamatoyannopoulos

Organizing Committee
Achilles Anagnostopoulos
## Preliminary Program

**Friday, September 23, 2016**

### 08:00 - Registrations

### 08:30 - 09:30 Educational program

- **Viral vectors**
  - **Georgios Vassilopoulos**, MD, PhD, Assistant Professor of Pathology-Hematology, University of Thessalia, University Hospital of Larissa, Larissa, Greece
- **Non-viral vectors**
  - **Aglaia Athanassiadou**, PhD, Professor Emeritus of Biology-Molecular Genetics, Dept of General Biology, Medical School, University of Patras, Greece
- **Gene editing approaches**
  - **Nicholas P. Anagnou**, MD, PhD, Professor of Biology, Laboratory of Cell and Gene Therapy, Foundation for Biomedical Research of the Academy of Athens (IBBEAA), Athens, Greece

### 09:30 - 09:55 Break

### 09:55 - 11:55 Cellular therapies in the context of HCT

- **Adoptive cellular therapy after bone marrow transplantation**
  - **Alexandros Spyridonidis**, MD, PhD, Associate Professor of Haematology, Director of the Bone Marrow Transplantation Unit and of CBMDP (Donor Registry GR2) University of Patras, Rio Patras, Greece
- **Multi-pathogen specific T-cells**
  - **Anastasia Papadopouloua**, PhD, Senior Research Associate, Gene and Cell Therapy Center, Hematology Dpt, BMT Unit, G.Papanicolaou Hospital, Thessaloniki, Greece
- **A suicide gene platform in the haplo-transplantation setting**
  - **Evangelia Yannaki**, MD, Affiliate Associate Professor, Department of Medicine, University of Washington, Director, Gene and Cell Therapy Center, Hematology Dpt-BMT Unit, G.Papanicolaou Hospital, Thessaloniki, Greece
- **Immune regulatory cells in GvHD**
  - **Dimitrios Mougiakakos**, MD, Group Leader, Department of Internal Medicine 5, Haematology and Oncology, University of Erlangen-Nuremberg, Nuremberg, Germany
- **iNKT cell immunotherapy for haematopoietic stem cell transplantation and B cell lymphomas**
  - **Anastasios Karadimitris**, PhD, MRCPath, FRCPath, Professor of Haematology and Consultant Haematologist, Centre for Haematology, Department of Medicine, Imperial College London, Department of Haematology, Imperial College Healthcare NHS Trust, Hammersmith Hospital, London, UK

### 12:20 - 14:20 Cellular reprogramming and iPS cells

- **Stochastic and deterministic mechanisms of cellular reprogramming**
  - **Dimitrios Thanos**, PhD, Adjunct Professor in the Department of Biochemistry and Molecular Biophysics at the College of Physicians & Surgeons of Columbia University, Director of Basic Research and Chairman of the Scientific Board, Biomedical Research Foundation, Academy of Athens, Athens, Greece
- **Reprogramming of fibroblasts to cardiomyocytes**
  - **Mary Tsikitis**, PhD, Post-Doctoral fellow, Division of Cell Biology, Center for Basic Research, Biomedical Research Foundation, Academy of Athens, BRFAA, Athens, Greece
- **Decoding Parkinson’s disease in patients’ iPSC-derived model**
  - **Rebecca Matsa**, PhD, Research Director, Head of Laboratory of Cellular and Molecular Neurobiology, Hellenic Pasteur Institute
- **Modeling myeloid transformation with patient-derived iPSCs**
  - **Eirini Papapetrou**, MD, PhD, Associate Professor of Oncological Sciences, Associate Professor of Medicine, Hematology and Medical Oncology, Icahn School of Medicine at Mount Sinai, New York, USA

### 14:15 - 15:15 Lunch Break

### 15:20 - 17:20 Regenerative medicine and Tissue engineering

- **Stem cell products for tissue repair**
  - **Graziella Pellegrini**, MD, PhD, Professor of Cell Biology, Head of Cell Therapy Program, Centro for Regenerative Medicine, Department of Life Science, University of Modena and Reggio Emilia, Modena, Italy
- **Adipose stromal cells in osteoarthritis: from pathophysiology to clinical trial**
  - **Yves-Marie Pers**, MD, MSC, Clinical Immunology and Osteoarticular diseases Therapeutic Unit, Lapeyronie University Hospital, Montpellier, France, Institute for Regenerative Medicine and Biotherapy, INSMR U1183, Montpellier, France
- **Recent advances on the biology and clinical applications of mesenchymal stem/stromal cells**
  - **Maria Roubelakis**, DPhil, Assistant Professor, Laboratory of Medicine, University of Crete, Department of Biomedical Science, University of Crete, Heraklion, Greece, Collaborating Researcher, Faculty of Medicine, IMBB-FORTH

### 17:20 - 18:20 Oral Presentations

### 18:20 - 18:45 Break
18:45-19:45 Regulatory issues for Advanced Cell and Gene Therapies
Development and regulation of Gene and Cell-based Therapeutics
Asterios Tsiftsoglou, PhD, Professor of Pharmacology, Department of Pharmaceutical Sciences, Aristotle University of Thessaloniki, Thessaloniki, Greece
Regulatory issues of advanced therapies in Greece
Aggeliki Roboti, Head of Biologics Assessment Section, National Organization for Medicines, Greece
Advanced Cell and Gene Therapies: Ethical Considerations
Vasiliki Mollaki, Molecular Biologist & Geneticist, Hellenic National Bioethics Commission, TEI of Athens, NCSR «DEMOKRITOS», Athens, Greece

19:45-20:30 Poster Presentation
20:30-22:00 Opening Ceremony
Welcome Reception

Saturday, September 24, 2016

INTERNATIONAL SYMPOSIUM ON THE CLINICAL ADVANCES OF GENE THERAPY

08:45-10:45 Gene therapy: Clinical progress on leukodystrophies, cystic fibrosis and retina disorders
Adrenoleukodystrophy
Nathalie Cartier, MD, Director of Research, INSERM, Paris, France, and President, European Society of Gene and Cell Therapy (ESGCT)
Metachromatic leukodystrophy
Alessandra Biffi, MD, PhD, Member of the Faculty of Pediatrics, Boston Children’s Hospital and Harvard Medical School, Boston, MA, USA
Gene therapy for cystic fibrosis: moving from bench to bedside
Uta Griesenbach, MD, PhD, Professor of Molecular Medicine, Imperial College London, UK
Gene therapy for retina disorders
Michel Michaelides, BSc, MB, BS, MD (Res), FRCOphth, FACS, Professor of Ophthalmology, Departments of Medical Retina, Inherited Eye Disease and Paediatric Ophthalmology, Moorfields Eye Hospital, UK

10:45-11:15 Break

11:15-12:45 Gene therapy: Clinical progress on hemophilia, severe immunodeficiencies and thalassemia
Hemophilia B: Updates on clinical trials
Amit Nathwani, MD, PhD, Professor of Haematology, UCL Cancer Institute, London, UK
Gene therapy for severe immunodeficiencies
Speaker: to be announced
Gene therapy for β-thalassemia: update on the Italian trial
Giuliana Ferrari, PhD, Associate Professor of Molecular Biology and Gene Expression, «Vita-Salute» San Raffaele University Medical School, San Raffaele Telethon Institute for Gene Therapy, Milan, Italy

12:45-13:45 Lunch Break

13:45-15:15 Gene therapy: Clinical progress on Parkinson's disease, neuromuscular and cardiovascular diseases
Gene therapy for Parkinson’s disease
Kyriacos Mitropoulos, Chief, Scientific Officer Oxford BioMedica (UK) Ltd, UK
Gene therapy for cardiovascular diseases: from basic science to clinical applications
Seppo Yla-Herttuala, MD, PhD, Professor of Molecular Medicine, Director of the Doctoral Program in Molecular Medicine, Director of the Biocenter Kuopio, University of Eastern Finland, A.I. Virtanen Institute for Molecular Sciences, Department of Biotechnology and Molecular Medicine, Kuopio, Finland
Gene therapy for neuromuscular disorders
Fulvio Mavilio, PhD, Scientific Director Genethon, Evry, France

15:15-15:45 Break

15:45-17:15 Gene therapy: Clinical progress on cancer
Gene-modified T-cells in stem cell transplantation and cancer
Malcolm K. Brenner, MA, MB, BChir, PhD, FRCPath, Fayez Sarofim Distinguished Service Professor, Center for Cell and Gene Therapy, Baylor College of Medicine, Houston Texas USA
Virotherapy as a novel treatment approach for solid tumors: measles virus as a translational example
Evanthia Galanis, MD, Professor of Oncology, Medical Oncology, Mayo Clinic - USA
Gene therapy for pancreatic cancer
Pierre Cordelier, MD, PhD, INSERM Research Director, Principal Investigator, President, French Society of Cellular and Gene Therapy, Cancer research center of Toulouse (CRCT) UMR INSERM U1037, Toulouse, France

17:15-17:45 Evolving technologies
Gene editing in human stem cells — from modeling to treating disease
Toni Catham, PhD, Director, Institute for Cell and Gene Therapy Professor, Center for Chronic ImmunoDeficiency Professor, Center, Medical Center, University of Freiburg, Institute for Cell and Gene Therapy & Center for Chronic Immunodeficiency, Germany

17:45-18:00 Break

18:00-19:00 Awards
CALL FOR ABSTRACTS
Instructions for authors
The 1st Congress of the Hellenic Society of Gene Therapy and Regenerative Medicine will take place in Electra Palace Hotel, Thessaloniki Greece, on September 23 & 24, 2016.

General instructions

- Research studies on humans or animals, which are included in Abstracts submitted for evaluation, must be in accordance with the principles and guidelines of the Declaration of Helsinki.
  - Clinical trials should be registered with the National Drug Authority or with the respective national authority of the country where a clinical trial is conducted.
  - Intermediate perspective analyses of random studies will be assessed only if they were conducted according to the original study design and reliable statistical methods.
  - Modification of Abstracts will not be accepted after the deadline of June 30, 2016.
- Abstract presentation during the Congress must be in compliance with the submitted Abstract, (title, authors and content).
  - Abstracts submitted by Greek institutions should be written in Greek. All other abstracts should be submitted in English.

Preparation of the Abstract

Title
- Title must be short and concise and written in capital letters.

Authors - Centre of Origin/Affiliations
- This information should be typed below the title, in lowercase. The first name should precede the last name and NOT written in full, but only with the first initial (E.g. D. Smith).
- Center of origin/Authors' Affiliations should be written below the authors.
- In case of multiple origin centers, they must be separated by numbers in superscript:
  - After each name, e.g. D. Smith¹, A. Dimou²
  - Before each center origin, e.g. 1Origin Center A, 2Origin Center B

Text summary and Tables
- The body of the Abstract (text and tables) should not exceed 500 words.
- The Abstract should be structured in the following order: a) Purpose of the study, b) Material and Methods, c) Results and d) Conclusions.
- If the Abstract refers to a clinical study, the approval of the National Drug Authority should be mentioned.
- For the objective evaluation of the Abstracts, identifying features such as author or institutional names should not be mentioned either in the title or in the text of the Abstract.

General instructions for the preparation of Abstracts
- Do not leave a space at the beginning of each paragraph.
- Use the tab key and not the space bar, to line up text lines or table rows, when necessary.
- Do not use characters that are not common in all fonts.
- Charts and tables should be placed one below the other, not side by side.
Submission of Abstracts

- All Abstracts should be submitted not later than **June 30, 2016**. Important: Submission deadline will not be extended!
- Submission of Abstracts will be made through the online Abstract submission program on the website of the Secretariat [www.vitacongress.gr](http://www.vitacongress.gr/online2.asp).
- Abstracts submitted by e-mail, fax or post, will not be accepted.
- The desired presentation form could optionally be indicated (oral or poster).
- For each Abstract, a corresponding author should be mentioned (Name, phone number, e-mail). The corresponding author, will receive all correspondence by the Congress Secretariat.
- The receipt of Abstracts will be confirmed electronically by e-mail automatically upon submission (each Abstract has a unique ID Number sent upon submission). Please also check your junk e-mail folder. If you do not receive a confirmation e-mail, please contact the Congress Secretariat (info@vitacongress.gr, tel: 00302107254360).
- If you need to change the text of your Abstract, please send an e-mail to the Congress Secretariat with reference to the ID number of your Abstract.
- Questions about the procedure may be submitted by e-mail (info@vitacongress.gr).

Fields to be filled in the Abstract Submission Program

- Details on person responsible for correspondence (name, surname, telephone, e-mail).
- Abstract title.
- Preference of presentation (oral or poster).
- Candidacy of the Abstract for travel award.
- Upload/select Abstract file (according to the instructions, the file should include: Abstract title, authors, centers of origin, text).

Abstract evaluation

- After the deadline, all full Abstracts will be sent to the reviewers for evaluation.
- Abstracts which do not meet the requirements described above will not be evaluated.
- During the evaluation, authors and affiliations will not be shown.
- Person responsible for correspondence of each Abstract will be informed of the evaluation results by e-mail, by July 31.
- For any clarification, please contact the Congress Secretariat (e-mail: info@vitacongress.gr).
- The Scientific Committee’s decisions on the classification of each Abstract are final.

Abstract Awards

Two abstracts will be awarded for the best oral presentations. One abstract will be awarded for the best poster presentation.

Travel Awards

Three Abstracts will be granted with a travel award of up to 300 € which will cover travel expenses related to the Meeting. Travel grants will be deposited in a bank account which awardees may provide along with travel expenses receipts to the Congress Secretariat at the end of, or following the Meeting. The Travel Award application can be submitted by a Greek center or by centers from abroad, provided that the first and presenting author is under 35 years old.
1st Congress of the Hellenic Society of Gene Therapy and Regenerative Medicine will take place in Electra Palace Hotel, Thessaloniki, Greece, on September 23-24, 2016.

Venue
Electra Palace Hotel
Address: Aristotelous Square, Thessaloniki
http://www.electrahotels.gr

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
  Please complete and send the participation form to the Congress Secretariat in order to receive by e-mail the credit card authorisation form.

Congress Secretariat
VitaCongress V. Vourazeris & Co
4, Papadiamantopoulou str., 115 28 Athens, Greece
Tel.: +30 210 72 54 360, Fax: +30 210 72 54 363
e-mail: info@vitacongress.gr, web: www.vitacongress.gr

Registration Fee

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<td>Doctors, Biologists, Biochemists, Other professionals</td>
<td>€ 70</td>
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<tr>
<td>Resident Doctors, Postdoctoral fellows, Postgraduate students</td>
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<td>Nurses and Technologists</td>
<td>€ 40</td>
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<tr>
<td>Undergraduate students</td>
<td>Free</td>
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Registration includes
• Congress folder (program/abstract book)
• Congress attendance
• Coffee breaks /light lunches
• Welcome reception

Hotel Accommodation

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<th>SGL</th>
<th>DBL</th>
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<td>ELECTRA PALACE HOTEL*****</td>
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<td>Superior</td>
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<td>€ 180</td>
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*Prices are per night. Breakfast is included

Classic rooms: interior side view of the Hotel
Premium rooms: city view
Superior rooms: sea view

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<td>City view</td>
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*Prices are per night
For Hotel reservations please contact the Congress Secretariat (tel. 00302107254360, e-mail: info@vitacongress.gr).
Reservations are on request basis and are subject to availability.
Participation Form

FIRST NAME: ___________________________ LAST NAME: ___________________________

AFFILIATION: ___________________________

HOSPITAL: ___________________________ COUNTRY: ___________________________

PHONE No: ___________________________ E-MAIL: ___________________________

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PAYMENT METHOD:

- Bank Transfer
  Please complete and send the participation form by e-mail along with the Bank account receipt to the Congress Secretariat

- Credit Card
  Please complete and send the participation form to the Congress Secretariat in order to receive by e-mail the credit card authorisation form

DATE ___________________________ SIGNATURE ___________________________