



HELLENIC SOCIETY  
OF GENE THERAPY AND  
REGENERATIVE MEDICINE



Web Scientific Event - One day Meeting

# Advancing Gene and Cell Therapeutics

November 14<sup>th</sup> 2020



Available online at:  
[www.livemed.gr](http://www.livemed.gr)

## Program

Advancing  
Gene and Cell  
Therapeutics



**HELLENIC SOCIETY**  
OF GENE THERAPY AND  
REGENERATIVE MEDICINE

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## Welcome letter

Dear Friends and Colleagues

The unexpected Corona visitor has managed to upset our personal and professional lives in ways that were totally unforeseen a few months ago.

However, as humans we have to seek adaptation in the new environment and as scientists, we have the task to pursue the relentless journey of acquiring and applying new knowledge.

In accordance to the statements above, we decided to hold the 5th Meeting of the Hellenic Society of Cell and Gene Therapy in the protected digital environment with high caliber scientists that we have managed to recruit from the International arena.

Under the circumstances, the aim is to stay focus for one day and listen to the hope that science and knowledge brings to people. In addition, we hope that the lack of physical presence will not jeopardize the cornerstone of human knowledge which, according to Socrates, is the dialogue.

So, stay tuned, stay calm, keep asking and be optimistic!

The President of the Society  
(HSGTRM)  
George Vassilopoulos  
Professor of Hematology – Internal Medicine



# Advancing Gene and Cell Therapeutics

**Saturday November 14<sup>th</sup> 2020**

**08.30-10.00 Car T-cell immunotherapies**

08.30-09.00 CAR NKs as a platform for cancer immunotherapy **Rayne Rouse**  
*Houston, TX, USA*

09.00-09.30 Multiplexing CAR Ts **Maria Themeli**  
*Amsterdam, The Netherlands*

09.30-10.00 Allogenic edited CAR T-cells **Demetrios Kalaitzidis**  
*Boston, MA, USA*

**10.00-10.30 Coffee Break**

**10.30-11.00 SATELLITE lecture: CAR T cells in lymphoid malignancies** **Dr Mi Kwon**  
Chair: Ioanna Sakellari

**11.05-12.35 Cell therapies for SARS-CoV-2 and beyond**

11.05-11.35 Development and first clinical experience with hetIL-15 for cancer immunotherapy **George Pavlakis**  
*Frederick, MD, USA*

11.35-12.05 Targeting SARS-CoV-2 by T-cell immunotherapy **Ann Leen**  
*Houston, TX, US*

12.05-12.35 MSCs to COVID19 **Dimitrios Kouroupis**  
*Miami, FL, USA*

**12.35-14.00 Lunch Break**

**14.00-16.00 Gene therapy/editing progress**

14.00-14.30 Gene therapies for inherited retinopathies **Stelios Michalakis**  
*München, Germany*

14.30-15.00 Hemophilia: A trailblazer for gene therapy **Thierry Vandendriessche**  
*Brussels, Belgium*

15.00-15.30 Advancing genome editing for beta-hemoglobinopathies **Nikoleta Psatha**  
*Seattle, WA, USA*

15.30-16.00 Toward the Correction of Muscular Dystrophies by Gene Editing **Eric N. Olsen**  
*Houston, TX, USA*

**16.00-16.30 Coffee Break**

**16.30-18.00 Stem cells and Regenerative medicine**

16.30-17.00 Retinal regeneration and RPE transplantation **Timothy Blenkinsop**  
*New York, NY, USA*

17.00-17.30 Spinal cord injury **Achilleas Gravanis**  
*Crete, Greece*

17.30-18.00 Combining genetics, stem cells and “organs-on-a-chip” technologies for dental tissues regeneration **Thimios Mitsiadis**  
*Zurich, Switzerland*

**18:00-18:30 Presidential Symposium** **Georgios Panagiotakopoulos**  
Novel therapies for COVID19 *Patras, Greece*

**18.30-19.15 Panel discussion; all speakers available to respond to Qs posed online from attendees**

## Speakers

- Timothy A. Blenkinsop** PhD., Assistant Professor, Black Family Stem Cell Institute, Icahn School of Medicine at Mount Sinai, New York, NY, USA
- Achilleas Gravanis** Professor of Pharmacology, Medical School, University of Crete; Affiliated Investigator at Institute of Molecular Biology & Biotechnology, Foundation for Research & Technology, Heraklion, Crete
- Demetrios Kalaitzidis** Director, ImmunoOncology, CRISPR Therapeutics, Boston, Massachusetts, USA
- Dimitrios Kouroupis** PhD, Regenerative Medicine, Cellular Biologist, University of Miami Miller School of Medicine, Miami, Florida, USA
- Mi Kwon** Chief of clinical section of the Hematology department Hospital G. Univ. Gregorio Marañón, Madrid, Spain
- Ann Leen** Professor, Pediatrics-Hem-Onc Cell and Gene, Baylor College of Medicine, Houston, Texas, USA
- Stelios Michalakis** Department of Ophthalmology, Ludwig-Maximilians-Universität München, München, Germany
- Thimios Mitsiadis** Professor, Institute of Oral Biology, Faculty of Medicine, University of Zurich, Zurich, Switzerland
- Eric N. Olson** Professor & Chairman, Molecular Biology Molecular Biology Department, UT Southwestern Medical Center, Houston, Texas, USA
- Georgios Panagiotakopoulos** MD, PhD, Dip HIV Med, Αντιπρόεδρος ΔΣ ΕΟΔΥ για τα Μεταδοτικά Νοσήματα  
MD, PhD, Dip HIV Med Vice-president for Contagious Diseases
- George Pavlakis** M.D., Ph.D., Chief, Human Retrovirus Section, Vaccine Branch, Center for Cancer Research, National Cancer Institute Frederick, Maryland
- Nikoleta Psatha** PhD, Scholar Altius Institute for Biomedical Sciences Seattle, Washington, USA
- Rayne Rouse** Assistant Professor, Department of Pediatrics, Section of Hematology-Oncology, Baylor College of Medicine, Associate Director, Community Engagement, Office of Diversity, Baylor College of Medicine, Houston, Texas, USA
- Ioanna Sakellari** Hematologist, Director, BMT Unit, George Papanikolaou Hospital, Thessaloniki, Greece
- Maria Themeli** MD, PhD, Department of Hematology Amsterdam UMC, Amsterdam, The Netherlands
- Thierry Vandendriessche** Professor, Free University of Brussel (VUB), Brussels, Belgium



## General information

### Organizer

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Tel: +30 210 7211806  
Fax: +30 210 6466288  
e-mail: [info@generegther.gr](mailto:info@generegther.gr)

### Date

**Saturday, 14 November 2020**

### Registration

Registration for the web event is free. Participation is allowed only to Health care professionals and to undergraduate/postgraduate students.

Registration is made by visiting [www.livemed.gr](http://www.livemed.gr) and by completing registration form. After completing this, you may login with your e-mail and password and press enter on the event.

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### Certificate of Attendance

If you wish to receive a Certificate of Attendance, it is mandatory to register for the conference. The registration should be done during your initial visit to the conference website by completing the online form that you will find in the conference secretariat. In order to receive the certificate, it is mandatory that you attend 60% of the conference/scientific event. Please note that the link will be activated at the conclusion of the conference and will remain active for 1 week. For any additional information please contact the Secretariat of the Scientific Event. If you have problems registering, logging in or attending the Web Congress, please click on the link below

### Congress Secretariat



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