



CERTIFICATE OF APPRECIATION

Is awarded to

RICHARD KLEVEN BURT

For the invaluable participation as **Keynote Speaker & Chairman** during

THE 5th VINMEC INTERNATIONAL CONFERENCE ON
CELL & GENE THERAPY

CELL THERAPY: A NEW ERA OF MEDICINE

27.10.2022 - 28.10.2022

A handwritten signature in blue ink, appearing to read "Thanh-Liem", is written over a horizontal line.

Prof. Thanh-Liem Nguyen
Director, Vinmec Research Institute
of Stem Cell and Gene Technology

INVITATION

The Vinmec International Conference on Cell & Gene Therapy (VCGT) is an international forum open annually for presentation, discussion and exchange of the latest advances and challenges in research of Cell and Gene therapies. With great pleasure, we invite you to participate in the 5th VCGT - 2022, which will be held on October 27th - 28th, 2022 at VinUniversity, Hanoi, Vietnam. Continuing the remarkable success of the first four years, this year, we will address cell therapy for disease treatment on a unique theme:

CELL THERAPY A NEW ERA OF MEDICINE

The VCGT composes of four main sessions of cell therapy. With the participation of the leading scientists in the field, VCGT - 2022 will be a dedicated event providing unique opportunity for young scientists and practitioners to learn and share knowledge from experts as well as to boost the collaborations across the field.

- IMPORTANT DATES -

REGISTRATION DATE

- Early registration: **Before 30.9.2022**
- Regular registration: **1.10 - 15.10.2022**
- Late registration: **16.10 - 28.10.2022**

▶ **27.10**

Opening Ceremony
and Gala Dinner

▶ **28.10**

Conference date

Sincerely,

INVITATION

- KEYNOTE SPEAKERS -



HIDEYUKI OKANO, MD, PHD

- Professor and Chair, Department of Physiology, Keio University School of Medicine.
- President, Japanese Society for Regenerative Medicine.
- President, Japanese Society for Neurochemistry.
- President, Life Science Innovation Network in Japan (LINK-J).
- Head of International Advisory Board, Stanford Laboratory for Drug/ Device Development and Regulatory Science, Stanford University.



RICHARD K BURT, PHD. PROF.

- Leading expert in hematology and autoimmune diseases, Northwestern University (Chicago), USA.
- Being recognized along with Al Gore and Steve Jobs as one of the top 50 people in the world for improving humanity due to his pioneering stem cell work by Scientific American (2006).
- Being recognized by Science Illustrated due to his stem cell work as one of the top 10 advances of the decade (2011).



CHI-YING HUANG, PHD. PROF

- Chairman, Institute of Biopharmaceutical Sciences, National Yang Ming Chiao Tung University.
- Member of Board of Director at PharmaEngine (Legal Representative of the National Development Fund, Executive Yuan) (2019 - present).
- Deputy Director in Biomedical Engineering Research and Development Center, National Yang Ming University (2018 - present).
- Coach of SPARK program at National Yang Ming University (2018 - present).



YU FEN CHANG, PHD.

- Founder & CEO, LumiSTAR Biotechnology, Inc., Taiwan.



NGUYEN THANH LIEM, MD. PHD. PROF.

- Director, Vinmec Research Institute of Stem cell and Gene technology (VRISG).
- Being one of the three distinguished Asian scientists awarded Nikkei Prize and the first Vietnamese doctor honored in the field of science and technology (2018).
- Being honored in the top 100 significant Asian scientists as voted by the Asian Scientist Magazine of Singapore (2019)



ASSOC. PROF. TRAN CONG TOAI, PHD.

- President of Stem Cell Association, Ho Chi Minh City, Vietnam

AGENDA

Scientific Program VCGT 2022

CELL THERAPY A NEW ERA OF MEDICINE



Venue: VinUniversity,
Vinhomes Ocean Park,
Gia Lam, Ha Noi



Time:
Thursday, 27.10.2022
Friday, 28.10.2022

| No | Time | Content | Host/ Speaker |
|---|---------------|---|--|
| 27.10.2022 Gala Dinner | | | |
| 1 | 17:00 - 18:00 | Founding Congress of Vietnam Association for Regenerative Medicine and Cell Therapy | |
| 2 | 18:00 - 21:00 | The 5th Vinmec International Conference on Cell & Gene Therapy (VCGT 2022) CELL THERAPY: A NEW ERA OF MEDICINE | |
| | 18:00 - 18:15 | Opening Speech | Nguyen Thanh Liem, MD. PhD. Prof. Director, Vinmec Research Institute of Stem cell and Gene technology (VRISG) |
| | 18:15 - 18:20 | Message from the Board of Director | Mrs. Le Thuy Anh - CEO, Vinmec International General Hospital, JSC |
| SCIENTIFIC PROGRAM | | | |
| Chairman: Nguyen Thanh Liem, MD. PhD. Prof.; Richard K Burt, PhD. Prof. | | | |
| | 18:20 - 18:45 | Diagnosis and treatment of neuromyelitis optica (NMO) by hematopoietic stem cell transplantation | Richard K Burt, PhD. Prof. - Northwestern University (Chicago) USA |
| | 18:45 - 19:10 | Applications of human induced pluripotent stem cells (hiPSCs) in treatment of ALS (Amyotrophic lateral sclerosis) | Hideyuki Okano, MD, PhD - Professor and Chair, Department of Physiology, Keio University School of Medicine |
| | 19:10 - 19:30 | Welcome performance art show | |
| | 19:30 - 20:30 | Gala Dinner | |
| | 20:30 - 21:30 | Sing to share | |

AGENDA

| No | Time | Content | Host/ Speaker |
|---|---------------|---|---|
| 28.10.2022 | | | |
| The 5th Vinmec International Conference on Cell & Gene Therapy (VCGT 2022) | | | |
| CELL THERAPY: A NEW ERA OF MEDICINE | | | |
| | 07:30 - 08:00 | Registration | |
| | 08:00 - 08:10 | Opening Speech | Nguyen Thanh Liem, MD. PhD. Prof. Director, Vinmec Research Institute of Stem cell and Gene technology (VRISG) |
| Session 1 | | Chairman Nguyen Thanh Liem, MD. PhD. Prof.; Hideyuki Okano, MD, PhD; Richard K Burt, PhD. Prof.; Yu Fen Chang, PhD | |
| 1 | 08:10 - 08:40 | Outcome of cell therapy for neurological sequelae of traumatic brain injury and stroke using cell therapy | Nguyen Thanh Liem, MD. PhD. Prof. Director, Vinmec Research Institute of Stem cell and Gene technology (VRISG) |
| 2 | 08:40 - 09:10 | Applications of human induced pluripotent stem cells (hiPSCs) in treatment of spinal cord injury | Hideyuki Okano, MD, PhD - Professor and Chair, Department of Physiology, Keio University School of Medicine |
| 3 | 09:10 - 09:40 | Diagnosis and treatment of multiple sclerosis (MS) with hematopoietic stem cell transplantation | Richard K Burt, PhD. Prof. - Northwestern University (Chicago), USA |
| 4 | 09:40 - 10:10 | iPSC technology applying in cell therapy and drug discovery | Yu Fen Chang, PhD. - LumiSTAR Biotechnology, Inc., Taiwan |
| 10:10 - 10:25 | | Teabreak | |
| Session 2 | | Chairman Do Tat Cuong, MD. PhD. Prof.; Chi-Ying Huang, PhD. Prof | |
| 5 | 10:25 - 10:55 | Application of exosomes in biomedical research and disease treatment | Chi-Ying Huang, PhD. Prof - Institute of Biopharmaceutical Science, Yang Ming Chiao Tung University, Taiwan |
| 6 | 10:55 - 11:25 | Mesenchymal stem/stromal cell-based therapy for treatment of human diseases: Is it time to consider their origin for targeted therapy? | Hoang Minh Duc, PhD. - Head of R&D Department, Vinmec Research Institute of Stem cell and Gene technology, Vietnam |
| 7 | 11:25 - 11:45 | Dental pulp stem cells: From Isolation, Culture to Clinical Application | Nguyen Thi Nguyen Huong, MD.PhD - University of Medicine and Pharmacy, HCMC |
| 8 | 11:45 - 12:10 | Analysis of factors affecting the expression of tissue factor to predict the risk of blood clotting in patients after mesenchymal stem cell infusions | Hoang Thanh Van, PhD. - Vinmec Research Institute of Stem cell and Gene technology, Vietnam |
| 12:10 - 13:30 | | Lunch time and Satellite meeting | |
| Session 3 | | Chairman Assoc. Prof. Tran Cong Toai, PhD; Assoc. Prof. Nguyen Trung Nam, PhD | |
| 9 | 13:30 - 13:55 | Application of stem cells for bone and joint diseases | Assoc. Prof. Tran Cong Toai, PhD - Stem Cell Association, HCMC, Vietnam |
| 10 | 13:55 - 14:15 | Outcomes of autologous bone marrow mononuclear cells for patient with cerebral palsy related to oxygen deprivation | Nguyen Trung Kien, MSc - Vinmec Research Institute of Stem cell and Gene technology, Vietnam |

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| 28.10.2022 | | | |
| The 5th Vinmec International Conference on Cell & Gene Therapy (VCGT 2022) CELL THERAPY: A NEW ERA OF MEDICINE | | | |
| Session 3 | | Chairman Assoc. Prof. Tran Cong Toai, PhD; Assoc. Prof. Nguyen Trung Nam, PhD | |
| 11 | 14:15 - 14:30 | Outcomes of cell infusion for the treatment of paraplegia induced by spinal anesthesia - 2 associated subdural hematoma: A case report | Le Thu Huong, MD - Center of Regenerative Medicine and Cell Therapy, Vinmec Times City International Hospital |
| 12 | 14:30 - 14:45 | Results of treatment of neurological sequelae due to circulatory arrest by autologous stem cell transplantation | Vu Duy Chinh, MD - Center of Regenerative Medicine and Cell Therapy, Vinmec Times City International Hospital |
| 13 | 14:45 - 15:05 | Evaluation Safety and Efficacy of Umbilical Cord Derived Mesenchymal Stem Cell (UC -MSC) Administration for Children with Biliary Atresia | Bui Thi Hang, MD - Center of Regenerative Medicine and Cell Therapy, Vinmec Times City International Hospital |
| 14 | 15:05 - 15:25 | Outcomes of human umbilical cord derived mesenchymal stem cell infusion in the treatment of bronchopulmonary dysplasia Phase I open label clinical trial | Trieu Thi Hong Thai, MD. - Department of Neonatology, Vinmec Times City International Hospital |
| | 15:25 - 15:35 | Teabreak | |
| Session 4 | | Chairman Assoc. Prof. Nguyen Trung Chinh, PhD; Assoc. Prof. Hoang Thi My Nhung, PhD | |
| 15 | 15:40 - 16:00 | Virus-specific T cells: Technology and clinical application | Pham Thanh Tam, MSc - Application Specialist, BCE |
| 16 | 16:00 - 16:20 | Advancing Pluripotent Stem Cell Therapy Solutions | Thuc Pham Tran Dang, MSc. - Product Director, Vitech |
| 17 | 16:20 - 16:40 | Hematopoietic stem cell transplantation for immunodeficiency diseases | Nguyen Ngoc Quynh Le, PhD - Department of Immunology, Children's National Hospital, Vietnam |
| 18 | 16:40 - 17:00 | ROHTO's Regenerative Medicine Business | Dr. Liuying Hu - Rohto Pharmaceutical Co., LTD |
| 19 | 17:00 - 17:20 | Improvement of proportion embryogenesis and blastocyst supporting the production of Inner cell mass (ICM) by ICSI in animal models (Porcine) | Assoc. Prof. Nguyen Thanh Binh, Ph.D Dean of Faculty of Medicine and Pharmacy, Thu Dau Mot University; Head of Division of Cell and Tissue - Medicine of Pham Ngoc Thach University |
| | 17:20 - 17:45 | Discussion and Closing Remarks | |

*Timeline for each speaker includes presentation and 5 minutes for discussion.