

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

Prof. Thanh-Liem Nguyen

Director, Vinmec Research Institute of Stem Cell and Gene Technology



THE 5th VINMEC INTERNATIONAL CONFERENCE ON CELL& GENETHERAPY

CELL THERAPY: A NEW ERA OF MEDICINE

27.10.2022 - 28.10.2022

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 5 $^{\rm th}$ VCGT - 2022, which will be held on October 27 $^{\rm th}$ - 28 $^{\rm th}$, 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**

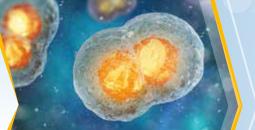
27.10

Opening Ceremony and Gala Dinner

28.10

Conference date





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- 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.



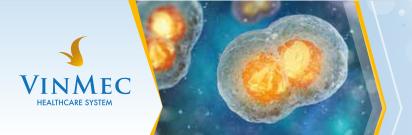
NGUYEN THANH LIEM, MD. PHD. PROF.

- 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



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AGENDA

Scientific Rrogram 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) I 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		



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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	
7	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	
,	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. Nguy	en 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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	Session 3	Chairman Assoc. Prof. Tran Cong Toai, PhD; Assoc. Prof. Nguy	en 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 displasia 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 - Medicice of Pham Ngoc Thach University	
	17:20 - 17:45	Discussion and Closing Remarks		

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