

Schedule

Thailand Hub of Talent for Cancer Immunotherapy International Meeting:
Portal to Global Collaboration for Next Generation Cell and Gene Therapy
Development

16-17th November 2023, Bangkok, Thailand

16 Nov 2023 (Pre-conference)

Genetic Engineered Lymphocytes 101 (Educational Program)

Time	Topics	Invited Speakers
	Chair: Koramit Suppipat, MD	
9.00 – 9.30	Introduction to Cellular Immunotherapy (Basic component of CAR T cells)	Thanyavi Chinsuwan, MD Chulalongkorn University
09.30 – 10.00	Genetic Engineering Technologies I (Basic techniques)	Jatuporn Sujitjoo, PhD Mahidol University
10.00 – 10.30	Coffee Break	
10.30 – 11.00	Genetic Engineering Technologies II (Delivery Systems)	Wannakorn Khopanlert, MD Prince of Songkla University
11.00 – 11.30	Genetic Engineering Technologies III (Gene Editing)	Chatchanan Doungkamchan, MD, PhD Chulalongkorn University
11.30 – 13.00	Lunch Break	

Non-viral Gene Editing for Cellular Immunotherapy

Time	Topics	Invited Speakers
	Chair: Koramit Suppipat MD	
13.00 - 13.30	Non-viral CRISPR CAR-T cells going viral	Hyatt Balke Want, MD, PhD Stanford University
13.30 – 14.00	Memory-rich CAR-T cell engineering by piggyBac transposon system for solid malignancies	Shigeki Yagyu, MD, PhD Shinshu University Innovative Research & Liaison Organization
14.00 – 14.30	mRNA as gene editing application for cell therapy	Supannikar Tawinwung, PhD Chulalongkorn University
14.30 - 15.00	Coffee Break	
15.00 – 17.00	Electroporation for gene editing hands-on workshop (For TTCI member only)	Peter Gee, PhD MaxCyte, Inc.

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8.00 – 8.30 น.	Registration	
8.30 – 9.00 น.	Opening Ceremony Introduction to hub of talent program	NRCT Nattiya Hirankarn, MD, PhD Professor Director, Cancer Immunotherapy Excellence Center, Chulalongkorn University
	Chair: Professor Chanitra Thuwajit, MD, PhD Faculty of Medicine Siriraj Hospital, Mahidol University	
9.00 – 9.30	Advancements in Chimeric Antigen Receptor T Cell Therapy and Beyond"	Pa-thai Yenchitsomanus, PhD Professor Director, Siriraj Center of Research Excellence for Cancer Immunotherapy, Mahidol University
9.30 – 10.00	Development and clinical application of piggyBac-based CAR-T cells for hematological malignancies	Shoji Saito, MD, PhD Assistant Professor Department of Pediatrics Shinshu University School of Medicine
10.00 - 11.00	Short Oral Presentation session I Chair: Thanyavi Chinsuwan, MD Suyanee Thongchot, PhD	
	Chair: Associate Professor Jakkrawadee Julamanee, MD, PhD Faculty of Medicine, Prince of Songkla University	
11.00 – 11.30	International collaboration of CAR-T cell therapy using non-viral vector system	Yoshiyuki Takahashi MD, Ph.D Professor and Chairman, Department of Pediatrics

		Nagoya University Graduate School of Medicine
11.30 – 12.00	Development of Eva1, a tumor-specific antigen, targeting chimeric antigen receptor T cells and insights from the development process	Seitaro Terakura, MD, PhD Professor Nagoya University Graduate School of Medicine
12.00 – 13.00	Lunch break	
	Chair: Assistant Professor Mutita Junking, PhD Faculty of Medicine Siriraj Hospital, Mahidol University	
13.00 - 13.30	A constitutively active IL-7 receptor augments the activity of CLL-1 CAR T-cells against AML	Haruko Tashiro, MD, PhD Professor Department of Hematology/Oncology Teikyo University School of Medicine
13.30 - 14.00	CAR T-cell immunotherapy of solid tumours: moving through the generations.	John Maher, MD, PhD Professor Division of Cancer Studies King's College London
14.00 – 15.00	Short Oral presentation session II Chair: Jakkrawadee Julamanee, MD, PhD Piriya Luangwattananun, PhD	
	Chair: Professor Nattiya Hirankarn, MD, PhD Director, Cancer Immunotherapy Excellence Center, Chulalongkorn University	
15.00 – 15.30	Future Perspective in Genetic Engineered Immune Cells	Alex McLellan, PhD Professor Dept. Microbiology & Immunology, Otago University
15.30 – 16.30	Cell and Gene Manufacturing Center (CAGTMC) Facility tour 8 th Floor Bhumisiri Building, King Chulalongkorn Memorial Hospital (For invitation only)	