

# PROGRAMME

**Day 1****4 August 2023****Day 2****5 August 2023**

## Singapore Cell & Gene Therapy Conference 2023

### Enabling Cell & Gene Therapies for Asia

Venue: Academia, Singapore

Date: 4 - 5 August 2023

TIME (GMT +8)	ACTIVITY
07:30 - 08:30am	<b>Registration</b>
08:30 - 08:40am	<b>Welcome Address (Livestream from National Cancer Centre Singapore)</b>  <b>Prof Chee Yam Cheng</b> <i>Chairman, Advanced Cell Therapy and Research Institute, Singapore</i>
08.40 - 08.55am	<b>Guest-of-Honour Speech (Livestream from National Cancer Centre Singapore)</b>  <b>Minister Ong Ye Kung</b> <i>Ministry of Health, Singapore</i>
08:55 - 09:10am	<b>Cell Therapy for Singapore and Beyond (Livestream from National Cancer Centre Singapore)</b>  <b>A/Prof Danny Soon</b> <i>Chief Executive Officer, Consortium for Clinical Research and Innovation, Singapore</i>  <i>Interim Executive Director, Advanced Cell Therapy and Research Institute, Singapore</i>

- 09:10 - 09:20am **Official Launch of the ACTRIS Cell Therapy Manufacturing Facility (Livestream from National Cancer Centre Singapore)**
- 09:20 - 09:50am **Tea Break**
- 09:50 - 10:00am **Conference Line-up by Dr Chen Yunxin**
- 10:00 - 11:00am **Venue: Academia, Main Auditorium**  
**Keynote Lecture Moderated by Dr Chen Yunxin**  
**From Innovation to Dissemination: Globalizing the Revolution in Advanced Cell and Gene Therapies**
- Dr Bruce Levine**  
*Immediate Past President, International Society for Cell and Gene Therapy*  
*Barbara and Edward Netter Professor, University of Pennsylvania*
- 11:00 - 12:30am** **Venue: Academia, Main Auditorium**
- Session 1:**  
**Regenerative Medicine**  
**Venue: Academia, L1-S3**
- Session 2:**  
**Haematological Malignancies**
- Introductions of Session and Speakers**  
**Prof Ng Huck Hui**  
Assistant Chief Executive of Biomedical,  
*Research Council (BMRC),*  
*A\*STAR*
- Introductions of Session and Speakers**  
**Prof William Hwang**  
Chief Executive Officer,  
*National Cancer Centre Singapore*  
*Senior Consultant,*  
*Singapore General Hospital*
- T-MSK, A Lab-born Pre-cell Drug for Autoimmune Disease and Beyond,**  
**Prof Xu RenHe**  
Distinguish Professor of Macau University,  
*President of Macau Society of Stem Cell*

*Research*

**Current and Future Perspective on CAR-T  
Therapy in Multiple Myeloma**

**Dr Chandramouli Nagarajan**

Senior Consultant,  
*Singapore General Hospital*

**Allogenic Cell Therapies**

**Prof Loh Yui-Han Jonathan**

Deputy Executive Director (Research & Development),  
*A\*STAR, Institute of Molecular and Cell Biology*  
*Professor (Adj), National University of Singapore*

**TIM -3 CAR for Acute Myeloma Leukemia**

**Dr Wang Cheng-I**

Senior Principal Investigator,  
*A\*STAR, Singapore Immunology Network*

**Allogenic Mitochondrial Transplantation as  
a Novel Therapy for Mitochondrial DNA  
Disorders**

**Dr Ng Shi Yan**

Principal Investigator,  
*A\*STAR, Institute of Molecular and Cell Biology*

**Cytokine Induced Killer Cells**

**Dr Linn Yeh Ching**

Senior Consultant,  
*Singapore General Hospital*

12:30 - 1:30pm

**Lunch**

**Venue: Academia, L2 White Space**

**Novartis Lunch Symposium Moderated by Dr Michelle Poon,  
National Cancer Institute Singapore**

**Learning from clinical practice: The role of CAR-T in the treatment  
of Follicular Lymphoma**

**Dr. Jason Butler**

Clinical Haematologist  
*Royal Brisbane and Women's Hospital and the Sunshine Coast  
University Hospital*

**Venue: Academia, L2-S3 & S4**

**Lunch Symposium by Agilent**

**Exploration of Factors Affecting CAR T Cell**

**Engraftment and Function through Multiomic Approaches**

**Dr Michael C. Milone**

Associate Professor of Pathology and Lab

*Medicine, University of Pennsylvania*

1:30 - 3:00pm

**Venue: Academia, Main Auditorium**

**Session 3:**

**Cellular Immunotherapy for Solid Tumours**

**Introductions of Session and Speakers**

**Prof Toh Han Chong**

Deputy Chief Executive Office (Research) and

*Senior Consultant,*

*National Cancer Centre Singapore*

**Is there a role for Cellular Therapy in  
Hepatocellular Carcinoma (HCC)?**

**Dr Yong Wei Peng**

Associate Director (Research) and

Senior Consultant,

*National University Cancer Institute,*

*Singapore*

**Leveraging on NK Cell Therapeutics in Nasopharyngeal Cancer  
(NPC)**

**Prof Lim Chwee Ming**

Senior Consultant,

*Singapore General Hospital*

**Tumor-Infiltrating Lymphocytes (TILs)**

**Prof N Gopalakrishna Iyer**

Senior Consultant,

*National Cancer Centre Singapore*

**Venue: Academia, L1-S3**

**Session 4:**

**Sponsored Talk**

**Dr Paresh Jain**

**Associate Director, Clinical Solutions Platform,**

*BD Biosciences Central and South Asia and Japan*

**Charles River Laboratory**

**More details coming soon**

**Lonza**

**Bringing Cell and Gene Therapy to Commercialization Zheng Hui**

*Head of CGT Operations Lonza Bioscience Singapore – CGT Tuas  
Singapore*

3:00 - 4:30pm

**Venue: Academia, Main Auditorium**

**Session 5:**

**Next Generation Cell and Gene Therapy for Paediatrics**

**Introductions of Session and Speakers**

**Dr Michaela Seng**

Senior Consultant,

*KK Women's and Children's Hospital*

**Multiple-Targeting CAR-T Cell Therapies**

**Prof Wing Leung**

Head of the Department of Paediatrics,

*University of Hong Kong*

**CRISPR-Based Gene Therapy For**

**Hemoglobinopathies**

**Prof Rupert Handgretinger**

Professor,

*Children's University Hospital,*

*Tuebingen, Germany*

**Venue: Academia, L1-S3**

**Session 6:**

**Biotech and Start-up**

**Introductions of Session and Speakers**

**Prof Su Xin Yi**

Acting Executive Director,

*A\*STAR, Institute of Molecular and Cell Biology*

**Advances In Liver Cancer Therapy Using Our**

**First-In-Class TCR-T Therapy**

**Dr Lu-En Wai**

Director of Research & Development,  
*Lion TCR*

**Manufacturing Mesenchymal Stromal Cells-  
small Extracellular Vesicles (MSC-sEVs) for  
Clinical Testing**

**Dr Lim Sai Kiang**

Research Director,

*A\*STAR, Institute of Molecular and Cell Biology*

Founder,

*Paracrine Therapeutics*

**Beta Cells (Diabetes)**

**Dr Natasha Hui Jin Ng**

Senior Research Fellow,

*A\*STAR, Institute of Molecular and Cell Biology*

Co-founder,

*Betalife*

*Advisor, Biotech Connection Singapore*

04:30 - 5:00pm

**Tea Break**

05:00 - 6:00pm

**Venue: Academia, L2 White Space  
Poster Presentation and Judge**



**End of Day 1**

Programme updated as of 1 June 2023 and is subjected to changes  
Bookmark this page for the latest programme schedule!

**Get in Touch with Us!**

**Singapore Cell and Gene Therapy Conference 2023**

[enquiries@SCGTconference.com](mailto:enquiries@SCGTconference.com)

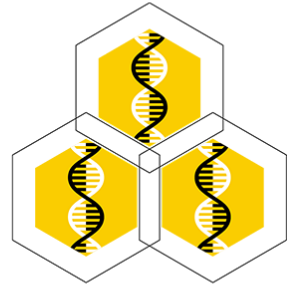
**ISCT Workshop 2023**

[sd.cell.therapy@singhealth.com.sg](mailto:sd.cell.therapy@singhealth.com.sg)

Jointly Organised By

**ACTRIS**

Advanced Cell Therapy and Research Institute, Singapore

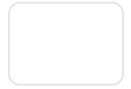


Agency for  
Science, Technology  
and Research

SINGAPORE



**Cell Therapy Centre**



# PROGRAMME

**Day 1****4 August 2023****Day 2****5 August 2023**

## Singapore Cell & Gene Therapy Conference 2023

### Enabling Cell & Gene Therapies for Asia

Venue: Academia, Singapore

Date: 4 - 5 August 2023

**TIME (GMT +8)****ACTIVITY**

08:00 - 8:30am

**Venue: Academia, Main Auditorium**  
**Registration**

08:40 - 09:30am

**Keynote Lecture Moderated by Dr Jonathan Loh, A\*STAR, Institute of Molecular and Cell Biologye**  
**The difficulties in choosing an appropriate AAV serotype for clinical trials: What AAV Biology is teaching us**

**Prof Mark A Kay**  
Professor of Genetics,  
*Stanford University*

09:30 - 11:00am

**Venue: Academia, Main Auditorium**  
**Session 1:**  
**Manufacturing Enablers and Organisation**

**Introductions of Session and Speakers**  
**A/Prof Danny Soon**  
Chief Executive Officer,  
*Consortium for Clinical Research and Innovation Singapore*  
Interim Executive Director,



*Advanced Cell Therapy and Research  
Institute, Singapore*

**Building a Manufacturing Facility for Public  
and Private Sector of Japan**

**Dr Shin Kawamata**

Chief Executive Officer,

*Cyto-Facto Inc,*

*Kobe, Japan*

**Presentation 2**

**More details coming soon**

**Viral Vector Manufacturing for Cell Therapy  
Products**

**Dr Lucas Chan**

Chief Scientific Officer,

*CellVec*

**Venue: Academia, L1-S3**

**Session 2:**

**Regenerative Medicine: Clinical Translation**

**Introductions of Session and Speakers**

**Prof Teh Bin Tean**

Deputy Chief Executive Officer (Research),

*National Cancer Centre Singapore*

**Regenerative Medicine for the Eye**

**Prof Jodhbir Singh Mehta**

Deputy Chief Executive Officer (Research),

*Singapore National Eye Centre*

**Cellular Therapy for Cardiomyopathy**

**Asst. Prof Lynn Yap**

Assistant Professor,

*Lee Kong Chian School of Medicine*

**From Epithelial Stem Cells to Cultured Skin  
Grafts: Enhancing Clinical Relevance in an  
Evolving Landscape of Cell Therapy**

**A/Prof Alvin Chua**

Assistant Director (Transplant Research),

*Singapore General Hospital*

11:00 - 12:00pm

**Lunch****Venue: L1-S1****Lunch Symposium by Gilead Kite****CAR T-cell therapy for Large B-cell lymphoma: Where are we now****Dr Ran Reshef, MD****Associate Professor of Medicine,  
*Columbia University, USA*****Venue: L1-S3****Lunch Symposium by Miltenyi Biotec****Upscaling of CAR T- Manufacturing – Challenges and Potential Solutions****Dr. Ulf Bethke**

Executive Expert Cell and Gene Therapy Asia Pacific, Miltenyi Biotec.

12:00 - 01:30pm

**Venue: Academia, Main Auditorium****Session 3:****Health Economics & Finance****Introductions of Session and Speakers****Prof William Hwang**Chief Executive Officer,  
*National Cancer Centre Singapore*  
Senior Consultant,  
*Singapore General Hospital***Supporting Advanced Medicines Innovation  
in the UK****Prof Chris Molloy**Chief Executive Officer,  
*Medicines Discovery,  
CATAPULT, UK***Innovative Financing in Biomedical Research****Mr. Quintus Lim**Associate Director,  
*Milken Institute***Considerations for Financing of Advanced  
Therapies in Singapore and the Region**

**Dr Wen Qi**

Director of Investments and New Ventures,  
*ClavystBio*

**Venue: Academia, L1-S3**

**Session 4:**

**Sponsored Talk**

**Cytiva**

**Unleashing the Power of Viral Vectors: Advancements in Process  
Development, Manufacturing, and Enabling Tools.**

**Dr Peiqing Zhang**

Strategic Technology Partnership Leader Genomic Medicine APAC,  
*Cytiva*

**Beckman Coulter**

**Flow Cytometry Research Tools for The Era Of Immune Therapiesg**

**Ms Toh Xue Yun**

Regional Product Manager  
*Beckman Coulter, Life Sciences*

**Gilead Kite**

**CAR T-cell Therapy: Shifting the Treatment Paradigm in R/R LBCL**

**Dr Ran Reshef**

Associate Professor of Medicine Columbia University, USA

**Miltenyi Biotec**

**Therapeutic T Cell Manufacturing Platform for Continuous  
Innovation**

**Dr. Grigory Efimov**

Senior Scientific Director of Immuno/T Cell Therapy,  
*Miltenyi Biotec.*

**Singleron**

**More details coming soon**

01:30 - 03:00pm

**Venue: Academia, Main Auditorium**

**Session 5:**

**Immune Monitoring & Diagnostics**

**Prof Nicholas RJ Gascoigne**

**Department of Microbiology and Immunology**  
National University of Singapore

## **Myeloid Cells in Cancer Immunotherapy**

**Dr. Christopher Garris**

Assistant Professor,  
*Harvard Medical School*

## **TCR Therapy for Solid Tumours**

**Dr Li Qi-Jing**

Research Director,  
*A\*STAR, Singapore Immunology Network and Institute of Molecular Cell Biology*

## **Immune Monitoring in Solid Tumours**

**Prof John Edward Connolly**

Research Director,  
*A\*STAR, Institute of Molecular and Cell Biology*  
Chief Scientific Officer,  
*Parker Institute for Cancer Immunotherapy*

**Venue: Academia, L2-S3 & S4**

**Session 6:**

**Oral Abstract Presentation**

03:00 - 03:30pm

**Venue: Academia, Auditorium Annex | Academia, Next to O'Coffee Club**  
**Tea Break**

03:30 - 05:00pm

**Venue: Academia, Main Auditorium**  
**Session 7:**  
**Clinical Quality Attributes**

## **Introductions of Session and Speakers**

**Dr Sudipto Bari**

Head,  
*Strategic Development and Communications*  
Head,  
*Translational Services and Regulatory Management*

## **New Methods Enabling Rapid Adventitious Agent Detection for Cell Therapy Manufacturing**

**Dr Rohan Williams**

Principal Investigator,  
*Singapore-MIT Alliance for Research and*

*Technology (SMART)*

**Regulatory Guidance on Product  
Manufacturing and Characterisation**

**Dr Ong Lee Lee**

Regulatory Consultant,  
*Health Sciences Authority*

**Microfluids Devices for Cell Separation and Expansion**

**Dr Shireen Goh**

Lead Scientist,  
*A\*STAR Bioprocessing Technology Institute*

**Venue: Academia, L1-S3**

**Session 8:**

**Sponsored Talk**

**ThermoFisher**

**Enhancing non-viral gene editing and processing of NK cells**

**Dr Premkumar Jayaraman**

*CGT Applications Leader, Asia Pacific and Japan, Thermo Fisher  
Scientific*

**Novartis**

**More details coming soon**

**Agilent**

**More details coming soon**

05:00 - 05:20pm

**Venue: Academia, Main Auditorium**  
**Announcement of Oral Presentation and Abstract Presentation  
Winners**

05:20 - 05:30pm

**Venue: Academia, Main Auditorium**  
**Closing Address**



**End of Day 2**

Programme updated as of 1 June 2023 and is subjected to changes  
Bookmark this page for the latest programme schedule!

## Get in Touch with Us!

Singapore Cell and Gene Therapy Conference 2023

[enquiries@SCGTconference.com](mailto:enquiries@SCGTconference.com)

ISCT Workshop 2023

[sd.cell.therapy@singhealth.com.sg](mailto:sd.cell.therapy@singhealth.com.sg)

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**ACTRIS**

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