



MONASH
University

MONASH
MEDICINE
NURSING &
HEALTH SCIENCES



香港中文大學
The Chinese University of Hong Kong



香港中文大學醫學院
Faculty of Medicine
The Chinese University of Hong Kong

2021 Monash-CUHK PhD Exchange Virtual Symposium

A showcase of the collaborative research projects undertaken by our PhD students in the fields of:

- ❖ Stem Cell Biology and Regenerative Medicine
- ❖ Cardiovascular
- ❖ Diabetes

28 September 2021

Melbourne Time: 11am – 3.40pm

Hong Kong Time: 9am – 1.40pm

Monash-CUHK PhD Exchange Virtual Symposium

Tuesday 28 September 2021

Melbourne time: 11:00am-3:40pm; Hong Kong time: 9:00am-1:40pm

Time (AUS/HK)	Speaker	Title of Presentation	Affiliation
Opening 11.00am-11.10am/9.00am-9.10am			
Chair: Prof Nellie Georgiou-Karistianis (MNHS, Monash) & Prof Andrew Chan (SBS, CUHK)			
11.00am /9.00am	Prof Rocky Sung Chi Tuan, Prof Nellie Georgiou-Karistianis & Prof Andrew Chan	Opening Welcome and Introduce the first chair	CUHK SBS Monash MNHS CUHK SBS
Student Presentations 11.15am-12.15pm/9.15am-10.15am			
Chair: Prof Peter Currie (ARMI, Monash)			
11.15/9.15	Quoc Duy TRAN Prof Peter Currie & Prof Gang Li	Intercellular communication during muscle regeneration in zebrafish	Monash MNHS (ARMI)
11.30/9.30	Hai-Xing WANG Prof Peter Currie & Prof Gang Li	Exposure to low-dose superantigen SEC2 benefits bone homeostasis via modulating T cells	CUHK (iTERM)
11.45/9.45	Jiacheng LIN Prof Cynthia Jiang & Dr Tobias Merson	R-Spondin3(RSPO3) Promote Oligodendrogenesis and Remyelination Via Creb-Sox10 Axis	CUHK (iTERM)
12.00/10.00	Ho Ying Zoe WAN Prof Susie Nilsson & Prof Anna Maria Blocki	Development of an in vitro hematopoietic stem cell niche on-a-chip	CUHK (iTERM)
Break 12.15pm-12.25pm/10.15am-10.25am			
Student Presentations 12.30am-1.15pm/10.30am-11.15am			
Chair: Prof Gang Li (iTERM, CUHK)			
12.30/10.30	Xiaoyu ZHAO Prof Hon Fai Chan & Prof Andrew Laslett	Hepatic differentiation of human pluripotent stem cells in optimized 3D environment for regenerative medicine	CUHK (iTERM)
12.45/10.45	Ilze DONDERWINKEL Dr Jessica Frith & Prof Rocky Tuan	Paracrine interactions within a tissue engineered entheses developmental model	Monash (MIME)
1.00/11.00	Xue ZHANG Prof Wendy Brown, Prof Philip Chiu & Prof Li Zheng	An Autonomous Robotic Flexible Endoscope System with a DNA-inspired Continuum Mechanism	CUHK (TIM & Surgery)
Student Presentations 1.15pm-2.00pm/11.15am-12.00pm			
Chair: Prof Danny Liew (Centre of Cardiovascular Research and Education in Therapeutics (CCRET), SPHPM, Monash)			

1.15/11.15	Peter Lee Dr Ella Zomer, Prof Danny Liew & Prof Bryan Yan	An economic evaluation of quality improvements in cardiac care	Monash MNHS (Cardiovascular)
1.30/11.30	Clara MARQUINA HERNANDEZ Prof Danny Liew & Prof Bryan Yan	Novel Treatment Strategies for Secondary Prevention of Cardiovascular Disease: A Systematic Review of Cost-Effectiveness	Monash MNHS (Cardiovascular)
1.45/11.45	Jairo Arturo Pinzon Cortes Prof Sam El-Osta & Prof Ronald Ma	Development of DNA Methylation Risk Scores for the Progression of Diabetic Complications	Monash MNHS (Diabetes)

Break

2.00pm-2.25pm/12.00pm-12.25pm

Chair: Prof Nellie Georgiou-Karistianis to thank all speakers and direct attendees to the break out sessions

Research Discussions

1 hour 2.25pm-3.25pm/12.25pm-1.25pm

Chairs below will facilitate research discussions in their respective thematic areas. The main goal is to create further collaborative research opportunities and new PhD projects to facilitate the growth of the program with a new pipe line of students.

Stem Cell Biology and Regenerative Medicine Scheme

Chairs: Prof Peter Currie (Australian Regenerative Medicine Institute (ARMI), Monash) & Prof Gang Li (Institute for Tissue Engineering and Regenerative Medicine (iTERM), CUHK)

Cardiovascular Scheme

Chairs: Prof Danny Liew (CCRET, SPHPM, Monash) & Prof Anna Blocki (iTERM, CUHK)

Diabetes Scheme

Chairs: Prof Sam El-Osta (Central Clinical School (CCS), Monash) & Prof Kathy Lui (iTERM, CUHK)

Key note presentation on "Regenerating pancreatic beta cells for T1D treatment: from mechanisms to therapeutic strategies" by Prof Kathy Lui (iTERM, CUHK)

Conclusion

3.25pm/1.25pm

Chair: Prof Nellie Georgiou-Karistianis (MNHS, Monash) & Prof Andrew Chan (SBS, CUHK)