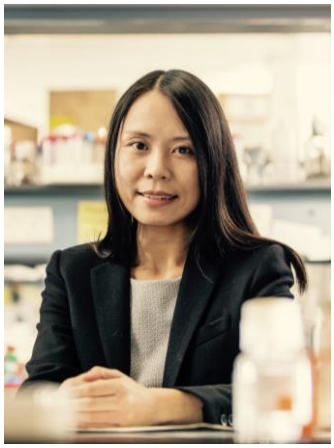
Li Ka Shing Institute of Health Sciences
2/F, Li Ka Shing Medical Sciences Building
Prince of Wales Hospital, 30-32 Ngan Shing Street
Shatin, New Territories, Hong Kong

Tel : (852) 3763 6003
Fax : (852) 3763 6333
Email : lihs@cuhk.edu.hk
Website: http://www.lihs.cuhk.edu.hk



Prof. Kathy Oi-lan LUI
Assistant Professor
Department of Chemical Pathology and
Li Ka Shing Institute of Health Sciences
Faculty of Medicine
The Chinese University of Hong Kong

Prof. Kathy Oi-Lan Lui joined The Chinese University of Hong Kong (CUHK) as an Assistant Professor in 2014. Her research focuses on cardiovascular diseases and regeneration in diabetes.

Prof. Lui is a scientist born in Hong Kong. She completed both the BSc (first-class honor) and MPhil at the Department of Biochemistry, CUHK. She then moved to the University of Oxford to do her DPhil studies and to Harvard University for her postdoctoral training.

During her training, Prof. Lui won a number of prestigious awards including a full scholarship of the Dorothy Hodgkin Postgraduate Award to fund her DPhil studies, a Senior Scholarship from Lincoln College, University of Oxford, the Peter Beaconsfield Prize in Physiological Sciences, University of Oxford, which is awarded specifically to one scientist of the year who is 'capable of escaping from the stereotype of narrow specialization, and who displays a wider grasp of the significance and potential applicability of their research' and a Croucher Foundation Fellowship to support her postdoctoral training. Prof. Lui's work has been published in high impact journals such as *Nature Biotechnology*, *Nature Communications*, *Circulation Research*, *Cell Research*, *Journal of Cell Biology* and *PNAS*. She is an editorial board member for *Scientific Reports*. She is also an inventor with three international patents.

Prof. Lui has demonstrated strategies to model cardiovascular development using human pluripotent stem cells and uncover signals essential for cardiovascular regeneration. She has further demonstrated that such signals regenerate a damaged heart by virtue of the modified mRNA technology. The results of these studies formed a solid foundation for a recently filed clinical trial with the hope of treating patients with human heart diseases. With the Croucher Innovation Award, Prof. Lui hopes to extend knowledge about modelling and treating human cardiovascular diseases in diabetes.