

Dr. Kwan Ting Chow
Assistant Professor, Department of Biomedical Sciences
City University of Hong Kong

Biography

Dr. Kwan Ting Chow received her bachelor's degree in Biomedical Engineering from Duke University (Durham NC, USA) in 2005, after which she spent two years at Broad Institute and Dana-Farber Cancer Institute of Harvard and MIT (Boston MA, USA) conducting cancer genomics research. She then moved to University of California, Berkeley (Berkeley CA, USA) where in 2013 she received her PhD in Molecular and Cell Biology with a focus on Immunology. Before joining City University of Hong Kong (CityU) in 2018, Dr. Chow was a Croucher Foundation Postdoctoral Fellow and an NIH F32 National Research Service Award recipient conducting research in viral immunity at University of Washington (Seattle WA, USA).



Since starting at CityU, the Chow lab has been focusing on investigating what constitutes a protective immune response against cancer in order to design effective cancer immunotherapy. The lab combines concepts and techniques from molecular and cell biology, cancer biology, immunology, genomics, cell and animal models, and systems biology to dissect the molecular pathways and gene regulatory networks that modulate the anti-cancer immune response. The ultimate goal of the lab is to develop vaccines and targeted therapies that harness the natural ability of our immune system to fight cancer. With the Croucher Innovation Award, Dr. Chow hopes to develop novel immunotherapeutic strategies using plasmacytoid dendritic cells against various types of cancer.

AWARDS AND HONOURS

2019	Croucher Innovation Award, Croucher Foundation
2015-2018	Ruth L Kirschstein NIH NRSA Postdoctoral Fellowship (F32), NIH
2014-2015	Croucher Foundation Postdoctoral Fellowship, Croucher Foundation
2012	Graduate Student Research Conference Award, NIH
2010-2011	Outstanding Graduate Student Instructor, Dept of MCB, UC Berkeley
2008-2009	Honorable Mention, NSF Graduate Research Fellowship Programme
2004-2005	Pratt Undergraduate Research Fellowship, Duke University
2003 and 2004	Outstanding Teaching Awards, Duke University