

Professional Experience

Research Assistant on Breast cancer Glyco-oncology

Oct 2016 - Present

- Working in A/Prof. Yip Wai Cheong, George's research group, Department of Anatomy, National University of Singapore (NUS), Singapore.
- Researching on the pathological functions of chondroitin sulfate proteoglycans in breast cancer and metastasis and elucidating its downstream proteins and signaling pathways.
- Procuring lab storage.
- Guiding Honours Year student with their Final Year Project.

Education

Master in Science by Research

Aug 2017 - Present

- Studying in Yong Loo Lin School of Medicine (RSH-SOM) (NUS, Singapore).
- Expected graduation on Jun 2019. Cumulative Average Point (CAP) currently is 4.5/5.

Bachelor in Science (Honours), Major in Life Science

Aug 2012 - Jun 2016

- Studying in Faculty of Science (NUS, Singapore)
- CAP: 3.72/5
- Honors Thesis on Homology-directed Epigenetic Modification using CRISPR-dCas9 System to achieve Transcriptional Control, tutelage by Prof. Greg Tucker-Kellogg, Department of Biological Science, NUS.
- Completed University Scholars Programme (USP), a multidisciplinary academic programme that accepts only 3% of each undergraduate cohort.
- Participated Elsinore Summer School jointly hosted by Copenhagen University and National University of Singapore. The summer school consists of an academic retreat with in seminars and journal clubs.
- Participated a semester exchange study in Karolinska Institute, Sweden.
- Complete a year-long Independent Study Module on treating drug-resistant Acute Lymphoblastic Leukemia (ALL) cells by novel drug combinations tutelage by A/Prof. Allen Yeoh Eng Juh, NUS.

Singapore-Cambridge GCE Ordinary & Advanced Level

Jan 2008 - Dec 2011

- A recipient of Senior Middle School 1 (SM1) Scholarship to support the study.
- Xinmin Secondary School and Anderson Junior College, Singapore, with GCE O-Level L1R5 as 4 points and GCE A-Level Ranking Points as 83.75/90.

Skills

- Proficient in R to handle routine data cleaning (tidyverse package), data visualisation (ggplot2 package) and statistical modelling.
- Capable to using Emacs Org mode or Rmarkdown to produce literate programming document (*LaTeX* article and Beamer) to ensure R workflow reproducibility and readability.