

# WU Di 吴迪

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## Languages

- Native language: Chinese (Mandarin)
- Secondary language: English

## Education Background

**The University of Hong Kong, Hong Kong island, HKSAR, China** 09/2018-08/2024

- Doctor of Philosophy, Molecular & Cell Biology
- Thesis title: Unraveling the Function of Lymphocyte Function-Associated Antigen 1 (LFA-1) in the Testis
- Paper under journal submission: *Mouse testicular LFA-1 affects Sertoli-germ cell adhesion with unique interactome*
- Student in the lab of Dr. Wing-yeet Lui, School of Biological Sciences, Faculty of Science

**York University, Toronto, Canada** 09/2015-07/2018

- Master Degree of Science, Biology
- Thesis title: Studies on the Function of the *Prd-1* Gene in *Neurospora Crassa*
- Research postgraduate in the lab of Dr. Patricia Lakin-Thomas, Department of Biology GPA: A
- Teaching Assistant for BIOL 1000 (Biology I – Cells, Molecular Biology and Genetics), BIOL 2021 (Cell Biology)

**Sun Yat-sen University (SYSU), Guangzhou, China** 09/2011-07/2015

- Bachelor Degree in Science, Biotechnology GPA: 88/100 (3.8/4)
- Thesis title: Construction and transformation of LCI plasmids for analyzing the interaction between core protein FRQ of circadian clock and PABPC in *Neurospora crassa*
- Final year project in the lab of Prof. Jinhua Guo, School of Life Sciences

## Conference Presentation

**Third Conference of the Canadian Society for Chronobiology, Toronto, Ontario, Canada** 05/2017

- Chair of a session of Chronobiology mini-school
- Oral presenter of 'PRD-1, a Component of the Circadian System of *Neurospora crassa* is a Member of the DEAD-box RNA Helicase Family'

**Society for Research on Biological Rhythms (SRBR) Biennial Conference, Tampa, Florida, USA** 05/2016

- Poster presenter of 'PRD-1, a Component of the Circadian System of *Neurospora crassa* is a Member of the DEAD-box RNA Helicase Family'
- Participated in Trainee Professional Development Program to learn methodology for Chronobiological research

## Awards

- University Postgraduate Fellowship, HKU, 2018
- Postgraduate Scholarship, HKU, 2018
- York University Graduate Fellowship, 2016, 2017
- Graduate Development Fund, York University, 2016
- The Second Prize Scholarship of SYSU, 2012, 2014

- Monitor of the Model Class with Excellent Academic Environment of SYSU (top 7%)

### **Professional Skills**

- Proficient in mammalian cell culture, microscopy, molecular and cell biology experiments
- Proficient in electrophoresis, PCR, nuclei isolation, transformation of *E.coli* and *Neurospora crassa*, gene cloning and expression, gene editing, northern blot, western blot, immunoprecipitation, immunofluorescence
- Familiar with following software: Microsoft Office, Endnote, Snapgene, Gene Construction Kit, Lumi cycle, PyMol, primer 3, ApE, Scaffold 4, ImageJ, Image Lab, GraphPad, Adobe Photoshop, Adobe Illustrator, R Studio.

### **Student activities and work experience**

- Student Member of Search Committee for the Provost and Deputy Vice-Chancellor, HKU 2022-2025
- Postgraduate student representative seat in HKU Council 2021-2022
- President, executive committee (session 2021-22), Postgraduate Student Association of the University of Hong Kong (HKUPGSA) 2021-2022
- General Secretary, executive committee (session 2020-21), Postgraduate Student Association of the University of Hong Kong (HKUPGSA) 2020-2021
- Student Member of Search Committee for the Dean of Faculty of Science, HKU 2021-2022
- Teaching Assistant and lab demonstrator of assigned courses in School of Biological Sciences, HKU 2018-2023
- Teaching Assistant for Cell Biology courses, York University 2015-2017
- Assistant student counsellor in the Office of School of Life Sciences, SYSU 2013-2015
- Monitor of the National Scientific Key Class of Biotechnology 2013-2015
- Administration Assistant in Personnel Office of SYSU 2012-2013