

# Harry (Shing Hei) Hung

The Hong Kong University of Science and Technology  
Department of Life Science  
Clearwater Bay, New Territories  
Hong Kong

shhungab@connect.ust.hk  
+852 54004337

## EDUCATION

---

**The Hong Kong University of Science and Technology (HKUST)** **Class of 2025**  
- Candidate for BSc in Biochemistry and Cell biology with International Research Enrichment (IRE) **Hong Kong**  
- GPA 3.622/4.3  
- Research Courses: IRE research project, International Research Experience

**Technical University of Denmark (DTU)** **January - August 2024**  
- Exchange studies in Department of Biotechnology and Biomedicine **Lyngby, Denmark**  
- GPA 10.875/12  
- Related Coursework: Microbiology, Statistics, Metabolomics

## RESEARCH EXPERIENCE

---

**Regulation of peroxisomal protein import in *C.elegans*** **July 2023 - Present**  
*Final-year undergraduate student* **Hong Kong**  
- Supervisor: Dr. Ho Yi MAK, Associate Dean of Science, HKUST  
- Created transgenic *C.elegans* strains with single-copy knock-in of red fluorescent peroxisomal import markers  
- Examined peroxisomal protein import efficiency driven by canonical and variant peroxisomal targeting signals

**High resolution LCMS based metabolomics analysis of *Streptomyces* secondary metabolites** **June 2024 - August 2024**  
*Intern student* **Technical University of Denmark**  
- Supervisor: Dr. Ling Ding, Associate Professor, DTU  
- Analyzed liquid-chromatography mass-spectrometry (LC-MS) data of different species of *Streptomyces* using untargeted metabolomics approach  
- Identified species-specific secondary metabolites production in *Streptomyces*

**Analysis of surface delivery of epidermal growth factor** **July 2022 - August 2022**  
*Undergraduate student* **Hong Kong**  
- Supervisor: Dr. Yusong Guo, Associate Professor, HKUST  
- Introduced drug resistant mutations in lung cancer related human EGFR in plasmids

## SCOLARSHIPS and AWARDS

---

**University Scholarship Scheme for Continuing Undergraduate Students** **2023**  
The Hong Kong University of Science and Technology

**HKSAR Government Scholarship Fund – Reaching Out Award** **2023**  
Hong Kong Special Administrative Region Government

**Dean's List** **2022**  
The Hong Kong University of Science and Technology

**University Scholarship (Admission)** **2021**  
The Hong Kong University of Science and Technology

### **EXTRACURRICULAR ACTIVITY**

---

**Life Science Undergraduate Journal Club** **September 2024 – June 2025**  
*Founder* Hong Kong

- Organised meeting schedules for the club
- Sought for funding and advising support from faculty
- Invited undergraduate students to join the club as members and speakers through promotions

**Hong Kong Laureate Forum 2023** **November 2023**  
*Forum ambassador* Hong Kong

- Organised schedules on presentations, events participation, business and personal meetings for Shaw Price laureate Dr. Roger D. Blandford
- Facilitated communication between the laureate, guest professors, young scientists, and forum secretariat

**VERTEX, House II Students' Association, HKUST Student Union** **April 2022 - April 2023**  
*Executive committee member* Hong Kong

- Organised student orientations for first-year students
- Coordinated joint-house sports competitions for house members

**Exchange Buddy Program** **August 2024 - June 2025**  
*Exchange buddy* Hong Kong

- Facilitated orientation talks with exchange students
- Initiated gatherings and meals with exchange students

### **LANGUAGES**

---

Cantonese	Native proficiency
English	Fluent (C1)
Mandarin	Professional working proficiency