



# ***CURRICULUM VITAE***

**Name:** 黃泓瀚

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## **Education:**

### **Chang Gung University**

*September 2021 - Present*

Doctor of Philosophy, Graduate Institute of  
Biomedical Sciences, Division of  
Biotechnology

### **Chang Gung University**

*September 2020 – August  
2021*

Master of Science, Graduate Institute of  
Medical Biotechnology and Laboratory  
Science

### **Chang Gung University**

*September 2016 – June  
2020*

Bachelor of Science, Department of Medical  
Biotechnology and Laboratory Science

## **Publication :**

1. You GR, Chang DY, **Huang HH**, Chen YJ, Chang JTC, and Cheng AJ. Deciphering Nicotine-Driven Oncogenesis in Head and Neck Cancer: Integrative Transcriptomics and Drug Repurposing Insights. *Cancers* 2025, 17, 1430. doi.org/10.3390/cancers17091430
2. **Huang HH**, You GR, Tang SJ, Chang JTC, and Cheng AJ. Molecular Signature of Long Non-Coding RNA Associated with Areca Nut-Induced Head and Neck Cancer. *Cells* 2023, 12, 873. doi.org/10.3390/cells12060873
3. **Huang HH**, Chang JTC, You GR, Fu YF, Shen EYL, Huang YF, Shen CR, and Cheng AJ. MiRNA Profiling of Areca Nut-Induced Carcinogenesis in Head and Neck Cancer. *Cancers* 2024, 16, 3710. doi.org/10.3390/cancers16213710
4. **Huang HH**, Chang JTC, You GR, Li YC, Huang YF, YC Huang, Shen EYL, YJ Chen, Chiu CC, and Cheng AJ. Drug Repurposing Targeting miRNA-mRNA Networks to Mitigate Areca Nut-Induced Head and Neck Cancer. *Biomedical Journal (Revision)*
5. **Huang HH**, You GR, Chang JTC and Cheng AJ. LUCAT1 Drives

Arecoline-Induced Head and Neck Cancer Progression via STAT1-Mediated Transcriptional Regulation. *Journal of Biomedical Science (Pending)*

**Posters:**

**2025.4 AACR annual meeting**

Hung-Han Huang, Ann-Joy Cheng. LUCAT1 facilitates areca nut-induced cell invasion and therapeutic resistance in head and neck cancer through STAT1 transcriptional modulation

**2024.6 The Annual Conference of Graduate Institute of Biomedical Sciences, Chang Gung University**

Huang HH, Cheng AJ. Elucidating areca nut-induced miRNA-mRNA regulatory networks in head and neck cancer pathogenesis

**2024.4 AACR annual meeting**

Huang HH, You GR, Lin KH, Chen YJ, Cheng AJ. Elucidating areca nut-induced miRNA-mRNA regulatory networks in head and neck cancer pathogenesis

**2023.6 The Annual Conference of Graduate Institute of Biomedical Sciences, Chang Gung University**

Huang HH, Cheng AJ. Molecular Signature of Long Non-coding RNA (LncRNA) Associated with Areca Nut-induced Head-Neck Cancer

**2022.12 Precision Medicine - Academic Symposium and Paper Competition on Precision Screening, Diagnosis, and Treatment**

Huang HH, Cheng AJ. Molecule Signature of Long Non-coding RNA (LncRNA) Associated with Areca Nut-induced Head-neck Cancer

**Oral presentation:**

PhD poster competition at Chang Gung University's Graduate Institute of Biomedical Sciences, 2024

**Awards:**

2024.6 Merit Award, The Annual Conference of Graduate Institute of Biomedical Sciences, Chang Gung University

2024.5 In honor of the service as Review Committee Member of the 2024 Chang Gung University Poster Competition on AI Innovation Application

2023.6 Popularity Award, The Annual Conference of Graduate Institute of Biomedical Sciences, Chang Gung University

2023.6 In honor of the service as Review Committee Member of the 2023 Chang Gung University Poster Competition on Innovative Applications with ChatGPT

2022.12 Merit award Precision Medicine - Academic Symposium and Paper Competition on Precision Screening, Diagnosis, and Treatment

2021-present Scholarship Program for Elite Doctoral Students, Ministry of Science and Technology, Taiwan