

Janine Hsu

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Education

University of California, San Diego

Bachelor of Science, Pharmacological Chemistry

Expected Graduation Date: June 2026

Skills & Qualifications

- Knowledge of lab techniques including titration, IR spectroscopy, crystallization, western blot, cell culture
- Use of basic lab equipment including pipette, centrifuge, Bunsen burner
- Proficient in data analysis and entry using Excel
- Basic knowledge in HTML, CSS, Javascript, and Figma
- Strong organization skills demonstrated by working in laboratory
- Bilingual in English and Chinese
- Intermediate proficiency level in Korean and Japanese

Experience

Research Intern, Genomics Research Center, Academia Sinica, Taiwan (7/2022 – 8/2022)

- Conducted experiments on the effects N-glycan inhibitors have on suppressing pancreatic cancer cells
- Developed lab techniques including cell culture, cell seeding, and Western blot
- Collected, recorded, and analyzed data for a final presentation and poster
- Organized chemicals in the laboratory pharmacy cabinets

Independent Literature Search Project – CHEM6C Course, UC San Diego Spring, 2021

- Developed reading skills for scientific research paper
- Read and learned about latest discoveries of CRISPR gene editing
- Interpreted information about CRISPR technology to compose a research essay

Honors & Awards

Provost Honors, UC San Diego

Fall 2020, Winter 2021, Spring 2021

Activities

Member, Asian Pacific American Medical Student Association, UCSD (9/2023- present)