



# Sanjith Sethu

Aspiring Researcher

## About Me

I am an ambitious Biomedical Science student with a strong academic track record and hands-on research experience at A\*STAR, where I worked with animal models, including zebrafish and mice. My expertise spans molecular biology, microbiology, and immunological techniques, with a particular interest in translational research. I am dedicated to bridging the gap between scientific discovery and practical healthcare solutions


## Skills

- Critical Thinking
- Communication
- Collaborative
- Leadership
- Adaptability
- Time management
- Attention to detail
- Proficient in English

## Awards

- **A\*STAR Science Award**
  - Awarded to students with strong passion in science

## Contact

 +65 84226317

 sanjithsethu@gmail.com

 2 LAKEPOINT DRIVE, 648923

## Education

### Diploma in Biomedical Science

*Ngee Ann Polytechnic*

2023-Present

cGPA: **4.0**

CCAs: LSCT Operatives, Young Scientists Interest Group, Medical Interest Group, Community Service Interest Group and FoodAID

As a dedicated biomedical science student, I have excelled in various modules, achieving distinctions in Cell Biology and Genetics, Microbiology, Organic Chemistry, Immunological Techniques, Analytical Chemistry, and Biopharmaceutical Analysis. My rigorous training has equipped me with a strong foundation in essential scientific principles and laboratory techniques, including PCR, cell culture, and biostatistics. Additionally, my coursework in Applied Biostatistics and Analytical Chemistry has further honed my analytical and research skills, preparing me to contribute meaningfully to the field of translational research and vaccine development.

### GCE Ordinary Level Examinations

*School of Science and Technology, Singapore*

2019- 2022

GCE O Level examinable subject combination taken in SST: Biotechnology, Geography elective, Social Studies, Chemistry, Physics, Additional Mathematics, Elementary Mathematics, Higher Tamil, English.

As part of biotechnology, I learnt about biomolecules, Microbiology, Gene technology, Plant cell culture, animal cell culture

## Experience

### Research Intern

*Infectious Diseases Lab, A\*STAR*

2023-Present

During my tenure at the Host-Pathogens Interaction Lab in Infectious Diseases Labs, A\*STAR, I gained valuable hands-on experience in biomedical research, including cell culture and animal models, such as zebrafish and mice. I mastered techniques such as single-cell injections, trunk injections, and caudal vein injections in fish. I investigated various pathogens, including alphaviruses and bacteria, using immunological, microbiological, and molecular biological techniques such as Western blotting, PCR, etc. This research enhanced my understanding of infectious diseases and their translational applications, providing me with valuable insights for advancing biomedical research. This experience not only strengthened my technical skills but also ignited my passion for translational research, solidifying my commitment to contributing to innovative solutions in the pharmaceutical industry.

## Referees

### **Dr Eddie Ong**

Senior Manager  
*Ngee Ann Polytechnic*

**Phone:** 64606707

**Email:** oeh2@np.edu.sg

### **Dr New Jen Yan**

Senior Manager  
*Ngee Ann Polytechnic*

**Phone:** 64608620

**Email:** new\_jen\_yan@np.edu.sg