

# Aiswarya Prasad

Los Angeles, CA (relocating October) | [aiswarya.prasad1998@gmail.com](mailto:aiswarya.prasad1998@gmail.com) | <https://aiswarya-prasad.github.io/>

## Leadership Experience

### Assistant Manager, Activator Operations / Jun 2025 - Present

Nucleate HQ

- Developed a technology sourcing playbook and built an Airtable interface to track and assess the effectiveness of sourcing channels.
- Created outreach materials (one-pager, FAQs) to support marketing and applicant engagement.

### Director, Strategy and Experts Lead / Oct 2024 - Present

Nucleate, Switzerland

- Interviewed biotech startups to assess incorporation potential and suitability for Nucleate's Activator cohort.
- Sourced 10+ technical, market, and regulatory experts to advise startups during program workshops.

### Consulting Project Manager / May 2024 - Jul 2025

The Consulting Society EPFL, Switzerland

- Led a client project for a bacterial diagnostics startup, delivering market and pricing recommendations based on competitive analysis and stakeholder interviews - results were directly integrated into the company's strategy.
- Mentored junior consultants and provided training on research synthesis and presentation skills.

### BCG Academy training / Dec 2024

Zurich, Switzerland

- Completed immersive case workshop on product strategy and customer experience in MedTech.

### iGEM Delegate - United Nations Convention on Biological Diversity / Nov 2018

Sharm El-Sheikh, Egypt

- Represented iGEM and advocated for youth inclusion in global biotech policy; published reflection [here](#).

## Research Experience

### Senior Researcher – Gut Microbiome & Bioinformatics / Aug 2020 - Present

University of Lausanne, Switzerland

- Designed and executed gut microbiome studies using metagenomics, resulting in 4+ peer-reviewed publications
- Built custom analysis pipelines (Python, R, Bash) and managed collaborations across India, Kenya, and Malaysia
- Reduced pandemic-related project delays by 12 months via strategic collaboration development.
- Co-developed Master's bioinformatics curriculum; student projects contributed to a peer-reviewed publication
- Presented at 4+ international conferences; recognized for clear, engaging presentations

### Master Thesis Researcher / May 2019 - May 2020

Indian Institute of Science, Bangalore

- Set up and validated a low-cost, Nanopore-based microbiome sequencing pipeline at 10% traditional setup cost
- Partnered with clinicians to study gut microbiome shifts in chronic pancreatitis.

## Awards and Achievements

- Awarded KVPY *Fellowship* (top 0.3%, All-India Rank 335)
- Awarded CHF 70k Mathilde Agassiz *Scholarship* (1st-ranked applicant)
- Recipient of Faculty of Biology and Medicine *Fellowship*
- *Best Selected Talk*, Microbiome Virtual International Forum 2024

## Education

### PhD in Quantitative Biology / Aug 2020 – Aug 2025

University of Lausanne, Switzerland

### BS + MS in Biology / Aug 2015 – July 2020

Indian Institute of Science (IISc), Bangalore

## Interests

[Carnatic vocal music](#) – Formal training since childhood; won local contests, performed at cultural events in Switzerland and India; [Food and cooking](#) – Posting accessible recipes for vegetarian South Indian food made accessible to those new to the cuisine; [Crocheting](#) – Small personal projects and gifts for friends and family.