

Aiswarya Prasad

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PhD in Quantitative Biology experienced in applying a strategic approach to solve problems honed through leadership experience running a biotech accelerator program and consulting on projects for life science startups.

Professional Experience

GIVC Startup Extern Oct 2025 - Present

Double Blind Bio, San Francisco (Remote)

- Consulted at an early-stage startup building an AI-native CRO to streamline clinical trial execution.
- Synthesized insights into trends in clinical trial data (SQL, python) across particular therapeutic areas into articles and reports for potential clients and to support marketing and business development.

Manager, Activator Operations Jun 2025 - Present

Nucleate HQ, Boston (Remote)

- Designed operational workflows and delivered training sessions for leaders spanning 17 international regions.
- Built Airtable dashboards and automations integrating AI to streamline operations across the organization and saving 4+ hours of volunteer time.
- Used Airtable to enable data-driven outreach strategy and partnered with marketing team to create outreach materials that improved applicant engagement and experience.

Director, Strategy and Experts Oct 2024 - Oct 2025

Nucleate Switzerland

- Interviewed and selected 5 biotech startups using structured evaluation criteria to assess their suitability for Nucleate's Activator cohort.
- Sourced 10+ technical, market, and regulatory experts to advise startups and supported the designing and execution of workshops based on curriculum guidelines for Activator program.

Consulting Project Manager May 2024 - Jul 2025

The Consulting Society EPFL, Switzerland

- Led a 4-member team of consultants for a client project for a bacterial diagnostics startup.
- Analysed potential market opportunities and developed pricing strategy based on competitive analysis and stakeholder interviews - directly integrated into the company's pitches.
- Mentored junior consultants, provided guidance on research synthesis and presentation skills.

Leadership and Training

BCG Academy training Dec 2024

Zürich, Switzerland

- Completed a one-day immersive case workshop on product strategy and customer experience based on a MedTech case. Invited among ~20 candidates from Swiss student consulting societies and organizations.

iGEM Delegate - United Nations Convention on Biological Diversity Nov 2018

Sharm El-Sheikh, Egypt

- Delegate representing iGEM, an international synthetic biology organization spanning over 65 countries and a network of 86k scientists, advocated for youth inclusion in global biotech policy; co-published a reflection [here](#).

Research Experience

Graduate Researcher – Gut Microbiome & Bioinformatics Aug 2020 - Present

University of Lausanne, Switzerland

- Designed and executed gut microbiome studies using bioinformatics, resulting in 4+ peer-reviewed publications
- Built custom pipelines (Python, R, Bash) and managed collaborations across India, Kenya, and Malaysia
- Reduced pandemic-related project delays by 12 months via strategic collaboration development.
- Presented at 4 international conferences; recognized for clear, engaging presentations

Master's Thesis Researcher May 2019 - May 2020

Indian Institute of Science, Bangalore

- Identified and set up a low-cost, Nanopore-based DNA sequencing pipeline at 10% of the traditional setup cost.
- Managed clinical partnership and led a study identifying gut microbiome shifts in chronic pancreatitis patients.

Awards and Achievements

First-author paper featured in *Nature Communications* **Top 50 papers** in "Microbiology and infectious disease" 2025

Best Selected Talk, Microbiome Virtual International Forum

2024

Mathilde Agassiz **Scholarship** (~\$90k, 1st-ranked applicant) 2020 - 2021

Faculty of Biology and Medicine **Fellowship** (~\$70k) 2020 - 2023

KVPY **Fellowship** (top 0.3%, All-India Rank 335) 2015 - 2020

Education

PhD in Quantitative Biology, University of Lausanne, Switzerland Aug 2020 - Aug 2025

BS + MS in Biology, Indian Institute of Science, Bangalore Aug 2015 - Jul 2020

Interests

[Carnatic vocal music](#), [Food and cooking](#), [Crocheting](#)