

Aiswarya Prasad

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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 and curated curriculum for training junior consultants.

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.
 - Co-developed Master course curriculum; supervised student projects leading to a peer-reviewed publication
 - 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](#)