

Mudra Lad

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EDUCATION

Monash University **March, 2025 – June 2026**
Master of Genome Analytics Melbourne, VIC

- GPA: **4.000**
- Program Support Officer (Student Ambassador) for Master of Genome Analytics.
- Intern at Peter MacCallum Cancer Centre (Molecular Pathology-Familial cancer) commencing March 2026

Monash University **February, 2022 – December, 2024**
Bachelor of Science, Extended Major-Genetics and Genomics, Minor-Developmental Biology Melbourne, VIC

- GPA: **3.957**
- Dean's list-Faculty of Science
- StemInclusive co-founder-Science Future Leaders 2024 cohort.
- Events officer-Monash Biological Society.
- Science Student Ambassador and Peer Mentor for Monash University, Clayton.

EXPERIENCE

Monash Synthetic Biology Tech **Dec. 2022 – Dec. 2024**
Project design member Monash University

- Designed the proof of concept for Melanoma detection using microRNAs.
- Presented a crowd favorite presentation at Australasian Synthetic Biology Conference-Canberra

GATC Lab **Feb. 2024 – Jun. 2024**
Undergraduate research internship Monash University

- Conducted a research project with a team to inform *Arabidopsis* development.
- Undertook DNA extraction, PCR, qPCR and RT-PCR experiments.
- Performed DNA extraction, gel electrophoresis and genotyping of samples.

Smyth Lab **Jun. 2024 – Jul. 2024**
Winter research scholarship student Monash University

- Analyzed the effects of novel therapeutics on genetic models of Polycystic Kidney Disease.
- Improved protocols for HeLa cell passage, keeping in consideration practising aseptic technique.
- Automated data analysis through basic coding to streamline the workflow.

Evans Evo-Morpho Lab **Jun. 2023 – Feb. 2024**
Winter research scholarship student and volunteer Monash University

- Contributed to research on cetacean evolution, horn, and teeth development.

WORK

Tutor2you **Jul. 2022 – Present**
Senior tutor Melbourne, VIC

AWARDS

Genetics Society of Australasia 2024
Undergraduate travel award

VOLUNTEERING

Very Special Kids Support Volunteer
ClinGen Baseline volunteer

CERTIFICATIONS, SKILLS & INTERESTS

- **Certifications:** Genomics Our Way-Indigenous Australians (ALIGN); Arts- Classical Dance (Bharatanatyam)
- **Skills:** Communication, creativity, listening, analysis, research, resourcefulness, patience, organization.
- **Interests:** Oil Painting/sketching, Classical Dancing, Crocheting, Astrophotography, Reading.