

PRABHUL DAS

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☎ +918330065826 in Prabhul Das

PROFILE

To work in a competitive environment that effectively utilizes my analytical, interpersonal, leadership, and organizational skills to conceive and achieve solutions. The solutions help the organization not only meet its target but also allow it to grow, however enhancing my skills as an individual and as a key player in the organization's development. Seeking a position where hard work is recognized and rewarded.

EDUCATION

M.Sc. Microbiology <i>Amrita School of Biotechnology</i> Grade: First Class	09/2021 – 06/2023 Amritapuri, Kollam
B.Sc. Microbiology <i>Amrita School of Biotechnology</i> Grade: First Class	07/2018 – 07/2021 Amritapuri, Kollam
St. Stephen's Higher Secondary School Grade: First Class	2017 Pathanapuram, Kollam
St. Stephen's High School Grade: First Class with Distinction	2015 Pathanapuram, Kollam

PROFESSIONAL EXPERIENCE

National Institute of Science Education and Research, Bhubaneswar <i>M.Sc. Dissertation on A Study on Prophage Gene Expression During Antibiotic Induced Persistence</i>	01/2023 – 05/2023
Amrita School of Biotechnology <i>Summer Internship on Isolation, Identification and Characterization of Endophytic Fungi from Marine Macro Algae</i>	05/2022 – 07/2022
UniBiosys Biotech Research Lab <i>Online Internship on Computer Aided Drug Designing</i>	07/2020 – 08/2020

PROJECTS

Amrita BRITE Project 2021 Review on COVID-19 Pandemic Hypothetical diagnosis and therapeutic strategies to beat the pandemic.	04/2021 – 07/2021
Drug Induced Macrophage Polarization For Therapeutic Purpose To check the role of plant-derived compounds (diallyl disulfide/ trisulfide) on macrophage polarization using a THP-1 cell line.	03/2021 – 04/2021

TECHICAL SKILLS

Microbiology Techniques

Solid and liquid culturing of Bacteria, Sterilization Techniques, Isolation Techniques, Staining, Microscopy-Bright Field and Dark Field, Biochemical Tests, Antibiotic Sensitivity Test.

Immunology

Blood Grouping, Immunoprecipitation Techniques, ELISA, Western Blotting.

Molecular and Cell Biology

Mammalian Cell Culture, DNA Extraction, Plasmid Isolation, Agarose Gel Electrophoresis, RNA Extraction, SDS - PAGE, DNA Quantification, qPCR.

Biochemistry

Protein Extraction, Thin Layer Chromatography, Enzyme Assays, SDS - PAGE.

LANGUAGES

English



Malayalam



Tamil



Hindi



SKILLS

- Leadership
- Public Speaking
- Project Management
- Presentation Skills
- Organization Skills

CONFERENCES

ACCS8

01/2022

8th Annual Conference of Cognitive Sciences
Amrita Vishwa Vidyapeetham

Biocrest 2021

02/2021

International Symposium on Antimicrobial Resistance
Amrita Vishwa Vidyapeetham

ONLINE COURSES AND CERTIFICATIONS

- Introduction to Biology of cancer by Johns Hopkins University
- Bacteria and chronic infections by University of Copenhagen
- Understanding cancer Metastasis by Johns Hopkins University
- The science of Stem cells by American Museum of Natural History
- Antimicrobial resistance theory and methods by Technical University of Denmark (DTU)

AREAS OF INTERERST

Antimicrobial Resistance
Infectious Diseases
Host-Pathogen Interactions
Cancer Immunology
Regenerative and Stem Cell Biology

REFERENCES

Dr. Harapriya Mohapatra, *Associate Professor*, National Institute of Science Education and Research
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