Priya Srivastava

United Kingdom | +447761053866 | priyasri9415@gmail.com |
LinkedIn https://www.linkedin.com/in/priyasrivastava-/

Objective

As an award-winning proactive scientist with Ph.D. in Biochemistry, I bring a wealth of experience in the design and execution of biochemical techniques and assay development for advanced therapeutics and drug discovery projects.

Skills

Research skills
Molecular Biology Techniques: Proficient in the performing molecular techniques like nucleic acid extraction, PCR, RT-qPCR, electrophoresis, cloning, and plasmid DNA purification qPCR, Western blot, Immunoprecipitation. Quality control for sample preparations during Next generation sequencing experiments, mass spectrometry. Familiarity with FPLC, chromatography techniques.
Assay Development: Proven experience in developing and optimizing cellular and biochemical assays, troubleshooting assays required for successful drug discovery projects.
Software Proficiency and Data analysis tools
Microsoft suite, GraphPad Prism, R language, Chimera, and PyMol, GIMP, Biorender.

Industry Specific skills
Collaboration: Orchestrated a seamless communication and collaboration during PhD project among 3 different lab supervisors and 5 team members.
Communication and conflict resolution: Fostered learning environment for 50+ students promoting inclusivity as teaching assistant, addressed over 6 conflicts resolution as Reslife student Advisor.
Teamwork and Leadership:
Led a team of 5 research students that promote wellbeing events at University of Manchester and received “Highly commended in Contribution to PGR environment Award” for team lead role in 2022.
Effective communication and public engagement: Skilled in tailoring communication strategies to resonate with diverse audiences, ensuring clarity and understanding at all levels of engagement.

- Research presentation at 3 international and 4 national conferences addressed audience size of more than 3000, semi-finalist of 3MT thesis competition.
- Engaged over 20 young girls to pursue science during Science Week Outreach program 2022 at Altrincham Grammar School.

Work Experience

Research roles: Conducted 6 research projects across UK, USA, India

- Doctoral scholar at University of Manchester, UK, 2019-2023
- Research scholar at Regional Centre for Biotechnology and 3 other labs, 2019

- Research Scholar at The Ohio State University, USA, 2018

Leadership and advisory roles:

- Graduate Teaching Assistant (GTA) | University of Manchester | 2022-2023
- ResLife Student Advisor (RLA) | University of Manchester | 2021-2023
- Green Lab Champion and Sustainability Communication Team Member | 2021
- Head of Wellbeing Initiatives Team| University of Manchester | 2020-22

Education

PhD in Biochemistry | 2019-2023 | University of Manchester, UK
Presidents Doctoral Scholar Award
Research aim: Investigating role of Slf1 an RNA binding protein in translation control during oxidative stress in yeast.
Publications: Priya Srivastava et al., Interaction of the La-related protein Slf1 with colliding ribosomes maintains translation of oxidative-stress responsive mRNAs, Nucleic Acids Research, 2023; https://doi.org/10.1093/nar/gkad272

Integrated Bachelors and Master of Science in Biotechnology | 2014 - 2019 | Gautam Buddha University
Passed with Distinction and Gold medal.

Achievements

Research excellence

- National recognition for teaching excellence: Associate Fellow of Advance HE, for promoting sustainability and mentoring over 50 students, UK, 2023.
- 2 Travel grants from European Molecular Biology Organization (EMBO) ,2023, MRC toxicology Translation UK Cambridge ,2023.
- Won 6 Competitive scholarships across the globe for researcher excellence: UK, USA, Canada, Austria, India.

Creative pursuit
RNart contest Winner at Toronto RNA Enthusiasts Day (TREnD) 2022, Illustrated RNA biology cover page Special Edition, 2020.

Trainings and Certifications

Researcher development:

- Sygnature Discovery's Bioscience Workshop for outstanding PhD and postdocs
- Workshop on Drug Target Identification and Validation |IIT Delhi
- Introduction to RNA Therapeutics Certification | CPI RNA Centre of Excellence
- Improving sustainability in the lab with LEAF and 6R| University of Manchester

Project management:

- LinkedIn Learning: 5 Project Management courses
- University of Manchester: Project Management for Researchers, Essentials of Leadership, Making an Impact (Networking), Leadership in Action