Dr Prajna Hegde

Chief Scientist:

Kadamba Advanced Green Technologies

Biochemistry, Cell Biology, Immunology, Molecular Biology, Translational Biomedical Research

Extensive experience in **biochemistry, immunology, and advanced biomedical research techniques,** her professional background seamlessly integrates **industry, academic research, and translational science,** particularly in immunology and therapeutic development, thereby ensuring **rigorous evaluation of preclinical studies, biological research, and translational therapeutic innovations.**

Educational & Academic Background

Doctorate (Ph.D.) in Biochemistry, with the specialization in **cellular and molecular mechanisms,** immunological systems, and biomedical research methodologies.

Professional Experience

- **Chief Scientist,** Kadamba advanced research in biomedical and Green Nanotechnology
- **Quality Analyst** at Immuneel Therapeutics Pvt Ltd
- **Senior Research Fellow (SRF)** at Unichem Laboratories Ltd

Technical Expertise & Research Skills

- Human Cell Culture Techniques (in vitro cellular models)
- Protein Purification & Characterization
- Flow Cytometry (Multicolor Analysis)
- Microscopy & Imaging Techniques
- Molecular Biology Techniques (DNA/RNA-based assays)
- Microbiological & Immunological Assays
- Biostatistical Analysis & Data Interpretation
- Monoclonal Antibody Development

Research Contributions & Publications

- Authored **15+ peer-reviewed research publications,** contributing significantly and reflects strong competence in **experimental design, data validation, and scientific reproducibility.**
- Immunological research and antibody-based systems
- Cellular and molecular biology
- Translational biomedical and therapeutic research

Awards & Recognitions

- **First Prize – Best Poster Presentation**

International Conference on Drug Discovery and Development
Organized by Indian Association of Biomedical Scientists

- **First Prize – Best Poster Presentation**

International Symposium on Development of Drugs for Tomorrow: Challenges and Opportunities

Innovation Excellence

Advanced Preclinical & Cellular Research Expertise
Strong foundation in in vitro systems, ensuring ethical evaluation of laboratory-based biomedical studies.

Immunology & Therapeutic Development Insight
Experience in antibody development and immunological assays supports evaluation of biologics and advanced therapeutics.

Regulatory & Quality Compliance Experience
Industry exposure ensures adherence to quality standards, GLP practices, and ethical research frameworks.

Data Integrity & Biostatistics Competence
Expertise in data analysis strengthens ethical assessment of study design, outcomes, and reproducibility.