

Mrs. Neeta G. Wagle

Designation	:	Project Associate
Email ID	:	neeta.salgaonkar@dpu.edu.in
Phone Number	:	-
Qualification	:	M. Sc. (Biotechnology), NET
Area of interest	:	Molecular Biology, Biochemistry



Academic Qualifications:

M. Sc. Biotechnology (2009) – University of Mumbai, Mumbai, India

B. Sc. Biotechnology (2007) – University of Mumbai, Mumbai, India

Additional Qualifications:

Certificate, Diploma and Advanced Diploma in Tissue Culture under Add-On Scheme of U.G.C., New Delhi & approved by University of Mumbai.

Projects Undertaken:

- ✚ Carried out dissertation work entitled, "**Peptides and Proteins: Synthesis/Isolation, Purification and Characterization**" in Structural Biology Division under the guidance of Dr. Smita Mahale, at National Institute for Research in Reproductive Health (NIRRH), Mumbai, India

Professional Experience:

- ✚ **Project Associate (PA)** | Dr. D.Y. Patil Biotechnology and Bioinformatics Institute

(Oct 2015 – present)

DPU funded project entitled "**Identifying novel biomarkers of Chronic Obstructive Pulmonary Disease (COPD) for its early detection and prognosis**".

✚ **Junior Research Fellow (JRF)** | Dr. D.Y. Patil Biotechnology and Bioinformatics Institute

(Nov 2013 – August 2015)

DST funded project entitled **“Studies on protection of DNA from oxidative damage, by chitooligosaccharides, biologically extracted from seafood waste”**.

✚ **Molecular Biologist** | HiMedia Laboratories Pvt.Ltd., Mumbai (July 2010 – May 2013)

✚ **Visiting Faculty** | Garware Institute of Career Education and Development (GICED), Mumbai, India
Subjects of Interest: Biochemistry, Genetics, Analytical Techniques and Biotechnology, Clinical Diagnostics

Awards and Scholarships:

✚ **Junior Research Fellowship, Department of Science & Technology (Nov 2013-August 2015)**

✚ Qualified for **CSIR-NET (LS)** -Life Sciences

✚ Awarded **INDIRA GANDHI POST GRADUATE SCHOLARSHIP FOR SINGLE GIRL CHILD**, Year: 2007-09

✚ Awarded Third Prize in National level oral presentation at BARC, Mumbai held in October 2005, organized by DAE.

Topic: **“RADIOISOTOPES AND RADIATION TECHNOLOGY: UNIQUE APPLICATIONS FOR SOCIETAL BENEFIT”**

PUBLICATIONS:

Research Publications:

1. **Neeta Salgaonkar**, Divya Prakash, N.N. Nawani, B.P.Kapadnis (2015) Comparative studies on ability of *N*-acetylated chitooligosaccharides to scavenge reactive oxygen species and protect DNA from oxidative damage. *Indian Journal of Biotechnology*, 14:186-192.

Technical abstracts/Poster presentations in India:

1. Divya Prakash, **Neeta Salgaonkar**, N.N. Nawani, B. P. Kapadnis (2014) *In vitro* comparative studies on antioxidative potential of *N*-acetylated chito-oligosaccharides. International Conference on Emerging Trends in Biotechnology (ICETB-2014), Nov 6-9, 2014, New Delhi, India.
2. Divya Prakash, **Neeta Salgaonkar**, N.N. Nawani, B. P. Kapadnis (2013) Enzymatic resurgence of antioxidative *N*-acetyl chitotriose and chitotetraose from chitin waste. International Conference on Advances in Biotechnology and Bioinformatics (ICABB-2013), Nov 25-27, 2013, Pune, India.

Trainings/Workshops/Conferences:

1. "Human Transcriptome Analysis" by Institute of Bioinformatics, Bangalore, India.
2. International Conference on Emerging Trends in Biotechnology (ICETB-2014), New Delhi, India.
3. International Conference on Advances in Biotechnology and Bioinformatics (ICABB-2013), Pune, India.
4. "Immunoassays for screening natural products for their immunomodulatory activity" by ACTREC at Ruparel college, Mumbai, India.
5. National Conference on "Genomics, Proteomics and System biology" at Indian Institute of Science (IISc), Bangalore, India.
6. "Polymerase Chain Reaction (PCR) and fermentation technology" by MITCON at Department of Biotechnology, University of Mumbai, India.
7. "Applied Genetics and Genetic Counselling" by Centre for Research in Mental Retardation (CREMERE), Mumbai, India

Other Activities:

- ✚ Participated in Inter-University project competition AVISHKAR – 2008
Title: - "***The comparative study and applications of Alkaline Phosphatase from Clams and Shrimps***".
- ✚ Published an article on "***Biotechnology and Environment***" on www.vidnyan.net in 2005 by
Dnyandeep Education and Research Foundation, Sangali