



Name: **Dr. Varsha Mehra**

Date of Birth: **17<sup>th</sup> August**

Qualification: **Ph.D (Biomedical Science) University of Delhi; M.Sc(Biotechnology) JNU**  
Designation: **Assistant Professor(Senior Scale)**

Professional Experience: (includes the following)

Total Exp: **13 years**

Subjects Taught: **MedicalBiotechnology, Molecular Biology, Genome organization and Function, Pathology**

Research Interests: **Infectious Diseases(M.Tb)**

Papers Published: **List of Publications:**

1. Alanine Scanning Mutations in Domain IV of Anthrax Toxin Protective Antigen Reveals Residues Important for Binding to the Cellular Receptor and To a Neutralising Monoclonal Antibody. Rosovitz M., Schuck P., Varughese M., Chopra A.P, **Mehra V.**, Singh Y. McGinnis L.M, Leppla S.H., **Journal of Biological Chemistry** Vol 278, 30936-44, August 15 2003
  2. A Dominant Negative inhibitor of Anthrax Toxin Action in-vivo. Yogendra Singh, Hemant Khanna, Arun P. Chopra, **Varsha Mehra Journal of Biological Chemistry** Vol 276: 22090-094, **June** 2001.
  3. Anthrax toxin mediated delivery of a 19 kDa antigen of Mycobacterium tuberculosis into the cytosol of mammalian cells. **Varsha Mehra**, Hemant Khanna, Ramesh Chandra and Yogendra Singh **Biotechnology and Applied Biochemistry**, Vol.33, 71-74, April 2001
  4. Dissection of Domain 4 of Bacillus anthracis protective antigen: the cellular receptor and neutralizing monoclonal antibodies recognize overlapping but distinct regions. Mini Varughese, Avelino Teixeira, Shihui Liu, Arun P. Chopra, Yogendra Singh, **Varsha Mehra** and Stephen H. Leppla Poster presentation at a conference on Anthrax Toxin in France and part of Chapter of a book on **Bacterial Toxins** (1999).
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5. Phytochemical evaluation and Pharmacological activity of *Syzygium aromaticum*: A comprehensive review, *International Journal of Pharmacy and Pharmaceutical Sciences*, 6(8) , 2014. Monika Mittal, Nomita Gupta, Palak Parashar, **Varsha Mehra**, Manisha Khatri.

6., Antibacterial potential of *Elletaria cardamomum*, *Syzygium aromaticum* and *Piper nigrum*, their synergistic effects and phytochemical determination, Nomita Gupta, Monika Mittal, Palak Parashar, **Varsha Mehra**, Manisha Khatri *Journal of pharmacy Research*, 8(8), 1090-1096, 2014.

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Additional Information: **Currently working on DST (Department of Science and Technology) sponsored**

**Research Project on Anti- Mycobacterial activity of Plant extracts .**

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