



RASHMI SHRIVASTAVA

Scientist Gr III

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Professional Experience: 22 years of rich and varied experience in Research and Development, Application industry, Regulatory and QA/QC area of Life Science. Have previously worked in the field of Enzymology especially the crosstalks of Polyketide Synthases and fatty acid synthases in *Mycobacterium Tuberculosis*, followed by Mass Spectrometry applications in small molecules as well as Proteins (Quadrupole TOF, Quadrupole Trap, MALDI TOF etc). In NIB, have been majorly involved in Quality evaluation of Hormones, Vaccines, Monoclonal Antibodies and Blood Products and currently engaged with Quality Assurance and Management of laboratories with respect to ISO 17025 and ISO 45001.

Major Publications (10):

1. Watwe MG, **Tickoo R**, Jog MM & Bhole BD (2001). How many antibiotics are produced by the genus Streptomyces. *Arch Microbiol* 176: 386-390. (more than **700** citations)
2. Trivedi DA, Arora P, Sridharan.V, **Tickoo R**, Mohanty D & Gokhale RS (2004). Enzymic activation and transfer of fatty acids as acyl-adenylates in Mycobacteria. *Nature*. 428: 441- 445. (more than **200** citations)
3. Trivedi DA, Arora P, Vats A, Ansari Z, **Tickoo R**, Sridharan V, Mohanty D & Gokhale RS (2005). Dissecting the mechanism and assembly of a complex virulent Mycobacterial lipid. *Molecular Cell* 17: 631-643 (more than **100** citations)
4. Mogahid M, El Hassan, Kanury V.S. Rao, Zaved Siddique, Dinesh S. Kumar, **Rashmi Tickoo**, Nageeb S. Saeed, Moawia M. Mukhtar and Mohamed E.Hamid(2005) Proteomics of Nocardia Africana (SD769) Recently Isolated From Patients With Pulmonary Infection in Sudan. Review Volume I Issue 3 *Biomacromolecular Mass Spectrometry*
5. **Rashmi Shrivastava**, Shalini Tewari^{2*}, Charu Mehra Kamal³, Niharika Trivedi, Manisha Varshney, Aakanksha Yadav, Anupkumar R Anvikar. National Control Laboratories in Quality healthcare- a roadblock for substandard biopharmaceuticals. *Biologicals* Volume 76, 2022, Pages 42-45, ISSN 1045-1056, <https://doi.org/10.1016/j.biologicals.2022.02.002>.
6. **Rashmi Shrivastava** (Proactive regulators key to safe biopharmaceuticals. Article in *360info* July 27, 2022, <https://doi.org/10.54377/250c-53b7>
7. Swati Shalini, **Rashmi Srivastava**, Harit Kasana, Mohit Sharma, Swati Sharma, Meenakshi Chaudhary, Priyanka Gupta, Charu Sharma, Sandeep Rawat, Dikamber Singh, Kallol Saha and Reba Chhabra (2019) Analysis of market trend of Human Albumin and Coagulation factors in India *International Journal of Biomedical and Advance Research*, Vol 10 No 10 (2019): Oct e5268
8. Richa Baranwal, **Rashmi Srivastava**, Nanda Gopal, Subhash Kumar, Rajeev Srivastava, Mohitkumar, Aditi Saini, Rashmi Jain, Niharika Sood, Charu M Kamal, Prasad, J.P., Shikha Yadav (2016) Evaluation of Therapeutic Recombinant Follicle Stimulating Hormone Batches for their Identity and Potency Before Use in Patients. *International Journal of Current Research*, 7(1): PP 012-016
9. Shikha Yadav, Richa Baranwal, **Rashmi Srivastava**, N. Gopal, Subhash Kumar, Rajeev Srivastav, Brij Bahadur, Mohit kumar, Rashmi Jain, Niharika Sood, Charu M Kamal, Prasad, J.P. (2016) Assuring the Quality of Human Menopausal Gonadotropin (Menotrophin) Batches by establishing Their FSH and LH Activities before use in Treatment of infertility *International Journal of Current Research*, Vol 8, Issue 01, PP 25049-25052
10. Kiran Manjula, Tewari Shalini, Meena Jaipal, Kasana Harit, **Srivastava Rashmi**, Bindra Gurminder, Chand Subhash, Sreerath Pragnya, Farha Hasan, Malik Neeraj, Soni, G.R. & Singh Surinder (2015) Trend Analysis of Potency and Stability of Measles Vaccine in India *International journal of Current Research*, Volume 7, Issue 12, 24053-56