

Stanford



Renu Verma

Postdoctoral Research Fellow, Infectious Diseases

 Curriculum Vitae available Online

Bio

HONORS AND AWARDS

- Life Science National eligibility test (NET) award, Council of Scientific and Industrial Research (CSIR) Govt. of India (Jun 2011)
- National Senior Research PhD Fellowship, Council of Scientific and Industrial Research (CSIR)- University grants commission (UGC) (Jan 2015-Dec 2016)
- National Junior Research PhD fellowship, Council of Scientific and Industrial Research (CSIR)- University grants commission (UGC) (Jan 2012-Dec 2014)
- All-India Graduate Aptitude Test in Engineering -GATE Fellowship in Biotechnology, Indian Institute of Science (IISc) (April 2011)
- BCIL (Biotech Consortium India Limited) Industrial training Fellowship, Department of Biotechnology (DBT), Govt. of India (2010)
- Contingency grant for MSc. dissertation at HCG Hospitals Bangalore, Department of Biotechnology, Govt. of India (2010)
- DBT Fellowship for MSc Biotechnology, Department of Biotechnology (DBT), Govt. of India (2008-2010)

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Institute of Bioinformatics, Bangalore, India (2017)
- Master of Science, University Of Mysore (2011)
- Bachelor of Science, Bangalore University (2008)

STANFORD ADVISORS

- Jason Andrews, Postdoctoral Faculty Sponsor
- Jason Andrews, Postdoctoral Research Mentor

Publications

PUBLICATIONS

- **Detection, survival and infectious potential of Mycobacterium tuberculosis in the environment: a review of the evidence and epidemiological implications** *EUROPEAN RESPIRATORY JOURNAL*
Martinez, L., Verma, R., Croda, J., Horsburgh, C., Walter, K. S., Degner, N., Middelkoop, K., Koch, A., Hermans, S., Warner, D. F., Wood, R., Cobelens, F., Andrews, et al
2019; 53 (6)
- **Whole Genome Sequencing of Mycobacterium tuberculosis Clinical Isolates From India Reveals Genetic Heterogeneity and Region-Specific Variations That Might Affect Drug Susceptibility** *FRONTIERS IN MICROBIOLOGY*
Advani, J., Verma, R., Chatterjee, O., Pachouri, P., Upadhyay, P., Singh, R., Yadav, J., Naaz, F., Ravikumar, R., Buggi, S., Suar, M., Gupta, U. D., Pandey, et al
2019; 10
- **Detection, survival and infectious potential of Mycobacterium tuberculosis in the environment: A review of the evidence and epidemiological implications.** *The European respiratory journal*
Martinez, L., Verma, R., Croda, J., Horsburgh, C. R., Walter, K. S., Degner, N., Middelkoop, K., Koch, A., Hermans, S., Warner, D., Wood, R., Cobelens, F., Andrews, et al

2019

- **Integrated Multi-Omic Analysis of Mycobacterium tuberculosis H37Ra Redefines Virulence Attributes.** *Frontiers in microbiology*
Pinto, S. M., Verma, R., Advani, J., Chatterjee, O., Patil, A. H., Kapoor, S., Subbannayya, Y., Raja, R., Gandotra, S., Prasad, T. S.
2018; 9: 1314
- **Data on whole genome sequencing of extrapulmonary tuberculosis clinical isolates from India.** *Data on whole genome sequencing of extrapulmonary tuberculosis clinical isolates from India.*
Advani, J., Sharma, K., Verma, R., Chatterjee O, Solanki HS, Pandey, A., Gowda, H., Prasad, T. S.
2018
- **Rise of Clinical Microbial Proteogenomics: A Multiomics Approach to Nontuberculous Mycobacterium-The Case of Mycobacterium abscessus UC22.** *Rise of Clinical Microbial Proteogenomics: A Multiomics Approach to Nontuberculous Mycobacterium-The Case of Mycobacterium abscessus UC22.*
Advani, J., Verma, R., Chatterjee O, Gowda H, Prasad TSK, et al
2018
- **Quantitative Proteomic and Phosphoproteomic Analysis of H37Ra and H37Rv Strains of Mycobacterium tuberculosis** *JOURNAL OF PROTEOME RESEARCH*
Verma, R., Pinto, S. M., Patil, A. H., Advani, J., Subba, P., Kumar, M., Sharma, J., Dey, G., Ravikumar, R., Buggi, S., Satishchandra, P., Sharma, K., Suar, et al
2017; 16 (4): 1632-1645
- **Whole Genome Sequencing of Mycobacterium tuberculosis Isolates From Extrapulmonary Sites.** *Omics : a journal of integrative biology*
Sharma, K., Verma, R., Advani, J., Chatterjee, O., Solanki, H. S., Sharma, A., Varma, S., Modi, M., Ray, P., Mukherjee, K. K., Sharma, M., Dhillion, M. S., Suar, et al
2017; 21 (7): 413-25
- **Integrating transcriptomic and proteomic data for accurate assembly and annotation of genomes** *GENOME RESEARCH*
Prasad, T. S., Mohanty, A. K., Kumar, M., Sreenivasamurthy, S. K., Dey, G., Nirujogi, R. S., Pinto, S. M., Madugundu, A. K., Pati, A. H., Advani, J., Manda, S. S., Gupta, M. K., Dwivedi, et al
2017; 27 (1): 133-144
- **A network map of Interleukin-10 signaling pathway** *JOURNAL OF CELL COMMUNICATION AND SIGNALING*
Verma, R., Balakrishnan, L., Sharma, K., Khan, A. A., Advani, J., Gowda, H., Tripathy, S. P., Suar, M., Pandey, A., Gandotra, S., Prasad, T. S., Shankar, S.
2016; 10 (1): 61-67
- **A network map of BDNF/TRKB and BDNF/p75NTR signaling system.** *Journal of cell communication and signaling*
Sandhya, V. K., Raju, R., Verma, R., Advani, J., Sharma, R., Radhakrishnan, A., Nanjappa, V., Narayana, J., Somani, B. L., Mukherjee, K. K., Pandey, A., Christopher, R., Prasad, et al
2013; 7 (4): 301-307
- **A multilectin affinity approach for comparative glycoprotein profiling of rheumatoid arthritis and spondyloarthritis.** *Clinical proteomics*
Bhattacharjee, M., Sharma, R., Goel, R., Balakrishnan, L., Renuse, S., Advani, J., Gupta, S. T., Verma, R., Pinto, S. M., Sekhar, N. R., Nair, B., Prasad, T. S., Harsha, et al
2013; 10 (1): 11-?
- **Proteomic analysis of purified protein derivative of Mycobacterium tuberculosis.** *Clinical proteomics*
Prasad, T. S., Verma, R., Kumar, S., Nirujogi, R. S., Sathe, G. J., Madugundu, A. K., Sharma, J., Puttamalles, V. N., Ganjiwale, A., Myneedu, V. P., Chatterjee, A., Pandey, A., Harsha, et al
2013; 10 (1): 8-?