

# Dr. SHASHANK RANA

181, Bhagwati Colony, Behat Road, Saharanpur (U. P.), India, 247001  
Mob: +919286500942, Email: - shashank.bioinfo@gmail.com



## WORK EXPERIENCE

03. 2019 –TillDate	<b>Assistant Professor</b> Department of Microbiology C.C. S University Campus, Meerut
06. 2017 –03.2019	<b>Teaching Assistant</b> Department of Microbiology, C.C. S University Campus, Meerut

## ACADEMIC QUALIFICATION

June, 2013	<b>Ph.D.</b> in Bioinformatics (In-Silico analysis of Lactoferrin) from CMJ University, Shilong, India
07. 2013 –06.2015	<b>M.Techin</b> Bioinformatics (Identification of potent Neuraminidase inhibitors via ligand and structure based virtual screening) from Himalyan University, Itanagar
06. 2007 –06.2008	<b>M.Phil</b> In Bioinformatics (In-Silico Study of Vitellogenin Protein from Gallus gallus) from Vinayaka Mission University, Salem, India
06. 2004–06.2006	<b>M.Sc.</b> in Bioinformatics (Project: Web Interface of Gene Information for Breast Cancer) C. C. S. University Campus, Meerut

06. 2001–06. 2004	<b>B.Sc.</b> With Zoology, Botany & Chemistry stream from C. C. S. University Campus, Meerut
<b>RESEARCH PUBLICATION</b>	
International Journal of Advances in Pharmaceutical Research (IJAPR), 2011, 2(9):461 – 463.	Prediction of lactoferrin like proteins from plant resources
International Journal of Advances in Pharmaceutical Research (IJAPR), 2011, 2(9):464 – 466.	Domains Identification in LactoferrinLike Proteins
International journal of drug formulation and research (IJDFR), 2011, 2(5):440-447.	Lactoferrin and TonB Dependent Receptor Database
International Journal on Bioinformatics & Biosciences (IJBB), 2012, 2(4):29-36.	Identification Of Conserved Functional Motifs In Lactoferrin Using Meme
International Journal of Biomedical Research, 2012, 3(7): 306-316.	Iron binding and receptor: lactoferrin and tonb receptors
INDO-GLOBAL RESEARCH LIBRARY (IGRL),2012, 2(1): 213-216.	Web Interface of Gene Information of Breast Cancer
International Journal on Bioinformatics & Biosciences (IJBB), 2012, 2(4): 29-36.	Identification Of Conserved Functional Motifs In Lactoferrin Using Meme
Journal of Bioinformatics and Intelligent Control, 2013, 2(2): 100–108.	In silico modeling and functional Description of 3-d structure of chicken (Gallus gallus) vitellogenin protein
Journal of Bioinformatics and Intelligent Control, 2014, 3(1) :8-14.	Insilico comparative modeling of clpP2 protein from (Mycobacterium tuberculosis H37Rv)
International Journal on Bioinformatics & Biosciences (IJBB), 2014, 4(2): 13-21	Study of Vitellogenin Motif
International journal of drug formulation and research (IJDFR), 2011, 2(5):369-375.	IBPD: Integrated Bioactive Peptide Database
International Journal of Advances in Pharmaceutical Research (IJAPR), 2011, 2(9):467 – 472.	Domains Identification In Bioactive Peptide Sequences
International Journal of Advances in	Development of Web Interface For Mapping of Enzymes

Pharmaceutical Research (IJAPR), 2011, 2(10):507 - 511	Involved In Gluconeogenesis In <i>Oryza Sativa</i> With Respect To <i>Arabidopsis Thaliana</i> Using In-Silico Comparative Genomic Approach
International Journal of Advances in Pharmaceutical Research (IJAPR), 2011, 2(10):520 – 534.	In-Silico Analysis of Lactoperoxidase in Various Species and Prediction of Structures of Lactoperoxidase.
International Journal of Biomedical and Advance Research (IJBAR), 2011, 2(12): 478-488.	Prediction of Structures of Bioactive Peptides by Using Homology Approach
International Journal on Bioinformatics & Biosciences (IJBB), 2011, 1(1) :13-26.	Identification of motifs in bioactive peptides precursors
International Journal of Advances in Pharmaceutical Research (IJAPR), 2011, 2(10):520 – 534.	In-Silico Analysis of Lactoperoxidase in Various Species and Prediction of Structures of Lactoperoxidase
International Journal Bioautomation, 2011, 15(4): 223-250	Bioactive Peptides: A Future Prospective
International Journal of Biomedical Research, 2012, 3(4) :181-186.	A short note- metagenomics
Biopolymers for Targeted Drug Delivery Systems, Lambert Academic Publishing (2013) ISBN 978-3-659-39340-2	Drug Delivery System: A Review
International Journal of Biomedical and Advance Research , 2012, 3(1): 40-52	Identification of Motifs in Bioactive Peptides Precursors
International Journal on Bioinformatics & Biosciences (IJBB), 2012, 2(4):29-36.	Identification Of Conserved Functional Motifs In Lactoferrin Using Meme
European Journal of Pharmaceutical and Medical Research , 2018, 5 (12), 242-248	Design and Development of Plant Resistance Gene Database
Biochemical and Cellular Archives 2020, 20, ( 1), 249-254.	Homology Modeling of Serotonin Receptor (5-HT Receptor) from ( <i>Mus musculus</i> ) using In Silico Approach
Biochemical and Cellular Archives 2020, 20, ( 1), 271-277.	Molecular Dynamics Study for Observation of Impact of Fluoxetine on 5HT1B_mouse
BOOK PUBLISHED	

LAP LAMBERT Academic Publishing (2012) ISBN 978-3-6593-1574-9	In-Silico Analysis of Lactoferrin
LAP LAMBERT Academic Publishing (2019) ISBN 978-620-0-08095-0	In-Silico Study of Vitellogenin Protein From(Gallus gallus)
<b>PAPERS PRESENTED IN NATIONAL CONFERENCES/SEMINAR</b>	
National conference on "Electron Transfer reactions in Chemistry, Physics and Molecular Biology" held at M.S. College, Saharanpur, U. P. (2007) P-42.	Ultrafast Electron Transfer reactions in Chemistry, Physics and Molecular Biology
National conference on "Electron Transfer reactions in Chemistry, Physics and Molecular Biology" held at M.S. College, Saharanpur, U. P. (2007) P-43.	Biosorption of Heavy Metals by Micro-Organism
National Seminar on "ParyavaraniyaSankat: ChunoutiaAivamPrabhandan"atGovt Girls Degree College, Behat, Saharanpur,U.P. (2014) P-62.	Effect of global warming on natural and ecological systems of Environments
National Seminar on "Skil Development as a Boost for IncrescinngEmpolyability: Globalized World" at Govt Degree College, Saharanpur, U.P. (2017) P-26.	Skill development and its role in digital indiaprogram".National Seminar on "Skil Development as a Boost for IncrescinngEmpolyability: Globalized World
<b>PROJECT SUPERVISED</b>	
WGS(NGS) topic name- Whole Genome Sequencing for Bacterial Genome (Lactobacillus rhamnosus GG)	
Identification of <i>Escherichia colidedA</i> Protein similarities withDifferent Organism Including Green Algae	
<b>REFERENCES</b>	
Dr. Raghvendar Singh Head of Department Physiology and Biochemistry Division ICAR-Central Sheep & Wool Research Inst. Avikanagar, Rajasthan Email:-raghvendar@Gmail.com	Dr. DharmDutt Professor and Head IIT Roorkee Saharanpur Campus Saharanpur (U.P.) Email: dharmduttiit@gmail.com Mob: - 09412742291

Ph- 08769921599