

PUBLICATIONS

S.No.	Publications	ISBN/ ISSN No.	Impact Factor	Citations
Research Publications				
1.	Gupta, V.*, Haider, S.*, Verma, M.*, Singhvi, N., Ponnusamy, K., Malik, M., Verma, H., Kumar, R., Sood, U., Hira, P., Satija, S., Singh, Y., and Lal, R. "Comparative Genomics and Integrated Network Approach Unveiled Undirected Phylogeny Patterns, Co-mutational Hotspots, Functional Crosstalk and Regulatory Interactions in SARS-CoV-2". 2021 . (Accepted in mSystems)	2379-5077	6.280	
2.	Kumar, R., Verma, H., Singhvi, N., Sood, U., Gupta, V., Singh, M., Kumari, R., Hira, P., Nagar, S., Talwar, C., Nayyar, N., Anand, S., Rawat, C.D., Verma, M. , Negi, R.K., Singh, Y., Lal, R. Comparative genomic analysis of rapidly evolving SARS-CoV-2 reveals mosaic pattern of phylogeographical distribution. mSystems. 2020 ; 5(4):e00505-20. doi: 10.1128/mSystems.00505-20, PMID 32723797.	2379-5077	6.280	
3.	Verma, M. , Bhatnagar, S., Kumari, K., Mittal, N., Sukhralia, S., Gopirajan AT, S., Dhanaraj, P.S., Lal, R. 2019 . Highly conserved epitopes of DENV structural and non-structural proteins: Candidates for universal vaccine targets. Gene, 695: 18-25.	0378-1119	2.498	
4.	Kulshreshtha, S., Kapuria, A., Patel, D.D., Dhanaraj, P.S., Verma, M. 2016 . In silico Analysis of Genus Proteus for Identification of Redundant Sequences in the Database. <i>DU J. Undergrad Res. Inno.</i> 2: 149-165			
5.	Lal, D., Verma, M., Behura, S. K., and Lal, R. 2016 . Codon usage bias in phylum Actinobacteria: relevance to environmental adaptation and host pathogenicity. <i>Res. Microbiol.</i> , 167: 669-677	0923-2508	2.372	2
6.	Muralidharan, M.S., Ghosh, A., Singhvi, N., Dhanaraj, P.S., Lal, R., Patel, D.D., Kaicker, A., and Verma, M. 2016 . Identification of genus Campylobacter up to species level using internal features of 16S rRNA gene sequences. <i>Molecular genet. Microbiol. Virol.</i> 31:187-196	0891-4168	0.313	1

7.	Jayaraj, P., Sen, S., Bhattacharya, T., Arora, J., Yadav, S., Chhoker, V., Kumar, A., Dhanaraj, P.S., Sharma, K. YVR, Verma, M. 2016 . Clinical relevance of cyclo-oxygenase 2 and peroxisome proliferator activated receptor γ in eyelid sebaceous gland carcinoma. <i>Histopathology</i> DOI: 10.1111/his.12932	1365-2559	3.267	
8.	Puri, A., Rai, A., Dhanaraj, P.S., Lal, R., Patel, D.D., Kaicker, A., and Verma, M. 2016 . An in silico approach for identification of the pathogenic species, <i>Helicobacter pylori</i> and its relatives. <i>Indian J. Microbiol.</i> , 56: 277-286. DOI 10.1007/s12088-016-0575-7.	0046-8991	1.310	6
Review articles				
1.	Sukhralia, S., Verma, M. , Gopirajan, S. et al. 2018 . From dengue to Zika: the wide spread of mosquito-borne arboviruses. <i>Eur. J. Clin. Microbiol.Infect.Dis.</i> https://doi.org/10.1007/s10096-018-3375-7	1435-4373	2.537	
e-lesson plan				
1.	Lesson plan on "Evolutionary Adaptations to Climate Change" (December 2019) by Dr. Rajendra Phartyal and Dr. Mansi Verma for TROPICSU project is funded by the International Council for Science (ICSU), led by the International Union of Biological Sciences (IUBS), and co-led by the International Union for Quaternary Research (INQUA).			
Book Chapters				
1.	Verma M., Samarth and Puri A. (2017) Genome Sequencing in <i>Bioinformatics, Volume I: Data, Sequence Analysis and Evolution</i> , Humana Press, Springer	978-1-4939-6622-6	3	
2.	Lal, D. and Verma M. (2017) Large Scale Sequence Comparison in <i>Bioinformatics, Volume I: Data, Sequence Analysis and Evolution</i> , Humana Press, Springer	978-1-4939-6622-6		
3.	Anand, S., Verma, M., Mukherjee, U., Hira, P., Sood, U. (2016). Introduction to Biotechnology in <i>An Introduction to Biotechnology: A genetic Manipulation Perspective. Pp 1-51</i> . I.K. International Publishing House Pvt. Ltd, New Delhi, India.	978-9-3845-8886-1		

**e-content development for National Mission on Education information
Communication technology (NME-ICT) under MHRD project**

1.	Lal, D., Verma. M. (2016). Cytoskeleton I in <i>Cell Biology</i> . Virtual learning (e-chapter) http://vle.du.ac.in/mod/resource/view.php?id=11946			
2.	Lal, D., Verma. M. (2016). Microtubule in <i>Cell Biology</i> . Virtual learning (e-chapter) http://vle.du.ac.in/mod/resource/view.php?id=11946			
3.	Lal, D., Verma. M. (2016). Cytoskeleton III: Microfilaments in <i>Cell Biology</i> . Virtual learning (e-chapter) http://vle.du.ac.in/mod/resource/view.php?id=11946			
4.	Lal, D., Verma. M. (2016). Mitochondria: Function in <i>Cell Biology</i> . Virtual learning (e-chapter) http://vle.du.ac.in/mod/resource/view.php?id=11946			
5.	Lal, D., Verma. M. (2016). Mitochondria: Structure in <i>Cell Biology</i> . Virtual learning (e-chapter) http://vle.du.ac.in/mod/resource/view.php?id=11946			
6.	Lal, D., Verma. M. (2016). Chloroplast in <i>Cell Biology</i> . Virtual learning (e-chapter) http://vle.du.ac.in/mod/resource/view.php?id=11946			