

CURRICULUM VITAE

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Web of Science Researcher ID: HWQ-5028-2023

Google scholar ID: Shama Parveen

Publication statistics

Publications in Journals	Research Papers	Review Papers	Book Chapters
86	71	15	12

Total publications (research articles, reviews, book chapters): 98

**"The COVID-19 Pandemic: Epidemiology, Molecular Biology and Therapy" (ISBN: 978-981-14-8185-7)
The Book edited by Shama Parveen was published by Bentham Science Publishers in February 2021.**

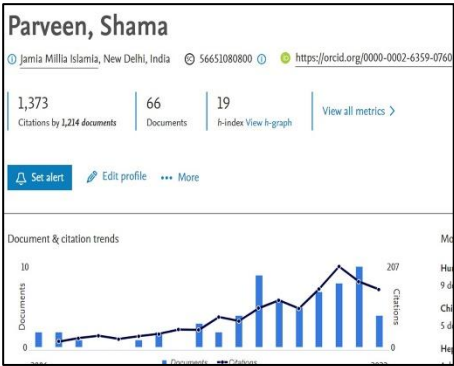
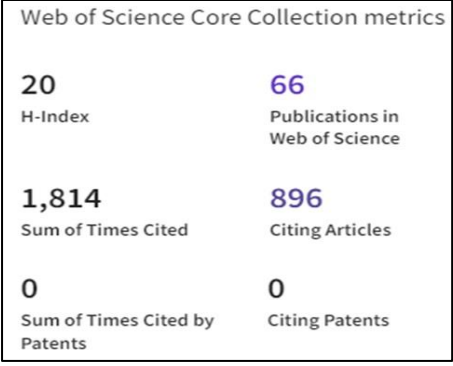
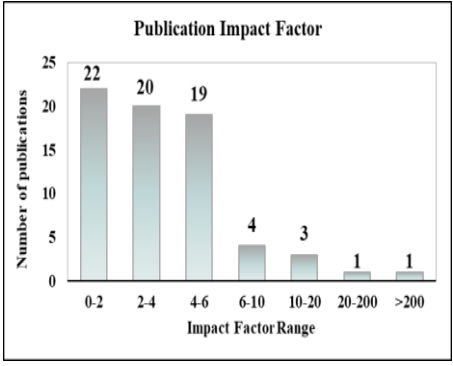
Citation Index (Google Scholar)

Total citations	H index	i10 index	i100 index
3262	23	41	8

A	Contact Information	Center for Interdisciplinary Research in Basic Sciences, Jamia Millia Islamia-110 025, New Delhi, INDIA
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	Web page	http://jmi.ac.in/cirbs/faculty-members/Dr Shama Parveen-1640
B	Research Interests	<ul style="list-style-type: none"> Molecular biology of human viruses Characterization of viral proteins Antiviral activity of medicinal plants
C	Highlights of the Lab	<ul style="list-style-type: none"> Molecular Biology of human viruses like SARS-CoV-2, Dengue, Chikungunya, Zika, Hepatitis E & Respiratory Syncytial Viruses Molecular epidemiology of viruses Local & global evolutionary dynamics of viruses Expression, purification and characterization of viral proteins
D	Personal Information	
	Date of Birth	02-SEP-1974
	Marital status	Married
E	Education	
	Ph.D. in Microbiology (Virology) (2007) from Department of Microbiology, AIIMS, New Delhi	
	M. Sc. in Biosciences (1998) from Jamia Millia Islamia, New Delhi with First Class (Ist position).	
	B. Sc. in Biosciences (1996) from Jamia Millia Islamia, New Delhi (Ist position).	
F	Details of Employment	
	2022- till date	Professor, Jamia Millia Islamia, New Delhi, India
	2019-till date	Associate Professor, Jamia Millia Islamia, New Delhi, India
	2007- 2019	Assistant Professor, Jamia Millia Islamia, New Delhi.

	2006-2007	Research Scientist II at Virology Laboratory, Department of Microbiology, All India Institute of Medical Sciences, New Delhi, India
	2000-2006	Ph.D. Scholar at Virology Laboratory, Department of Microbiology, All India Institute of Medical Sciences, New Delhi, India
	2003 (July to October)	Trainee at Department of Pediatrics, University of Alabama, Birmingham, USA
	1999-2000	Ph.D. Scholar at Plant Molecular Biology Laboratory, Jamia Millia Islamia, New Delhi, India
	1998-1999	Project Assistant at Eukaryotic Gene Expression Laboratory, National Institute of Immunology, New Delhi, India
	1997 (May to September)	Trainee at Eukaryotic Gene Expression Laboratory, National Institute of Immunology, New Delhi, India
	Research Experience	
G	Molecular Biology, Molecular Epidemiology, Molecular Virology, Culture of humanviruses, Protein Expression and Purification, Bioinformatics, Characterization of viral proteins	
	Teaching Experience 16 years	
H	Microbiology, Virology, Molecular Biology, Medical Biotechnology, Molecular CellBiology, Biochemistry, Genetics, Recombinant DNA Technology, Environmental Sciences	
	Ph. D. Thesis/M.Phil Thesis/Post Doc Supervised	
I	Post-doctoral Mentorship	2
	Ph.D. Degree Awarded under main Supervision	9
	Ph.D. Degree Awarded under Co-supervision	4
	Ph.D. Students registered under main supervision	4
	Ph.D. Students registered under Co-supervision	1
	M.Phil Degree Awarded under main Supervision	6
J	Dissertations supervised at UG and PG level:	30 Students
	(Six Months dissertation)	
	Award and Honors	
K	2022	Best Woman Academician of the Year Award (Science) by CISR Foundation
	2022	Inspiring Woman Award 2022 by Fourth Screen Education
	2019	Received Bharat Ratna Rajiv Gandhi Gold Medal Award
	2018	Recipient of the Sayeeda Begum Women Scientist Prize 2018
	2018-19	Overseas Fellow of Royal Society of Medicine, London, United Kingdom
	2008	Young Scientist Award, Department of Sciences and Technology New Delhi, India
	Members of Scientific Societies	
L	National Academy of Sciences India (NASI), Allahabad (Since 2017)	
	Life Member of Indian Virological Society (IVS)	
	Life member of World Society for Virology (WSV)	
	Life member of Organization for Women in Science for the Developing World (OSWD)	
	Life member of Indian Biophysical Society (IBS)	

	Member of the Initial Screening Meeting as Subject Expert at Technology Development Board (TDB), Department of Science & Technology (DST), Government of India to evaluate the project proposal on "Development and commercialization of Dengue tetravalent vaccine" from M/s Panacea Biotech Limited, New Delhi on 8th March 2017	
M	Invited talk/Oral presentations	
1.	26 Nov 2022	Invited Online Talk on " Global evolutionary dynamics of Respiratory Syncytial Virus " at STREE 2020 National Conference and EXPO on "Role of Women in Science and Technology for sustainable Development" at Jawaharlal Nehru University, New Delhi from 24-26 Nov 2022
2.	26 Sep 2021	Invited Online Talk on " Vaccine strategies against COVID-19 " at the Department of Biochemistry, Aligarh Muslim, University, Aligarh, Uttar Pradesh
3.	16-17 Sep 2021	Invited Talk on " Evolutionary Dynamics of Dengue Virus Strains from New Delhi, India " at the International Microorganism Day organized by Association of Microbiologists of India at the Faculty of Health and Allied Sciences, SGT University, Gurgaon, Haryana
4.	5 Nov 2020	Invited Talk on " COVID-19 Pandemic: A critical approach " at the Department of Microbiology, Faculty of Health and Allied Sciences, SGT University, Gurgaon, Haryana
5.	9 Oct 2020	Invited Talk on " The COVID-19 Pandemic " at the Online Refresher Course in Basic Sciences organized by UGC Human Resource Development Centre, Jamia Millia Islamia, New Delhi
6.	19 Sep 2020	Invited Online Talk on " The Pandemic of COVID-19 " at the Online Refresher Course in organized by UGC Human Resource Development Centre, Jamia Millia Islamia, New Delhi
7.	18-20 Feb 2020	Oral Talk on " Global Evolutionary Dynamics of Respiratory Syncytial Virus " at the International Conference of Virology on Evolution of Viruses and Viral Diseases (VIROCON 2020) at Indian National Science Academy (INSA), New Delhi
8.	15-17 Feb 2020	Oral Talk on " Interaction of Unani Drugs with Dengue Virus Proteins using Computational Approach " at the 7 th International Congress of Society for Ethnopharmacology (SFEC 2020) at Jamia Hamdard, New Delhi
9.	15th Sep 2020	Invited Online Talk on " The Pandemic of COVID-19: A critical analysis " at COVID-19: critical analysis and alternative treatments, an organic symbiotic paradigm, organized by Department of Sciences and Technology, Haryana
10.	26-28 Sept 2019	Oral Talk on " Concurrent infection with Plasmodium vivax and the Dengue and Chikungunya viruses: Two case reports from New Delhi " at the National Congress of Parasitology & Global Summit on Malaria Elimination (NCP-GSME 2019) at Jawaharlal Nehru University, New Delhi
11.	26-27 Mar 2019	Oral Talk on " Evolutionary Dynamics of Dengue Virus strains from New Delhi, India " at the Biotechnology Research In India- Current Status and Future Prospects at Jamia Hamdard, New Delhi
12.	25 July 2018	Invited Talk on " Dengue Viral Infection: A growing Health Threat " at 121 st 4- Week Orientation Programme organized by UGC Human Resource Development Centre, Jamia Millia Islamia, New Delhi from 17 July to 13 August 2018
13.	25-27 Feb 2018	Invited Talk on " Big datasets in evolutionary dynamics of respiratory syncytial virus " at the EMBO Symposia on Big Data in Biomedicine organized by Institute of Genomics & Integrative Biology at New Delhi

N	Publication Credentials														
	<div style="display: flex; justify-content: space-around;"> <div style="width: 45%;"> <h3 style="text-align: center;">Web of Science</h3>  </div> <div style="width: 45%;"> <h3 style="text-align: center;">Scopus</h3>  </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="width: 45%;"> <h3 style="text-align: center;">Significant Publications</h3> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Journal</th> <th>Impact Factor</th> </tr> </thead> <tbody> <tr> <td>Lancet</td> <td>202</td> </tr> <tr> <td>Lancet Infectious Diseases</td> <td>71.42</td> </tr> <tr> <td>J Medical Virology</td> <td>20</td> </tr> <tr> <td>J Clinical Virology</td> <td>14.48</td> </tr> <tr> <td>J Clinical Microbiology</td> <td>11.6</td> </tr> <tr> <td>J Infection Public Health</td> <td>7.5</td> </tr> </tbody> </table> </div> <div style="width: 45%;"> <h3 style="text-align: center;">Publication Profile</h3>  </div> </div>	Journal	Impact Factor	Lancet	202	Lancet Infectious Diseases	71.42	J Medical Virology	20	J Clinical Virology	14.48	J Clinical Microbiology	11.6	J Infection Public Health	7.5
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O	Publications (*Papers published as corresponding author)														
1.	Global and Local Evolutionary Dynamics of Dengue Virus Serotype 1, 3 and 4. Islam A, Deeba F, Tarai B, Gupta E, Naqvi IH, Abdullah M, Dohare R, Ahmed A, Almajhdi FM, Hussain T, Parveen S* . <i>Epidemiology and Infection</i> . 151 , E127 (2023).														
2.	Interaction studies of recombinant laccase with co-solutes: Using various spectroscopic, calorimetric, and in silico approaches. ZA Parray, A Hamza, P Bhardwaj, A Samad, MI Hassan, S Parveen , <i>Journal of Molecular Liquids</i> 388 , 122769 (2023).														
3.	Intrinsic disorder in the open reading frame 2 of hepatitis E virus with multiple functions beyond viral capsid. Shafat Z, Ahmed A, Parvez MK, Parveen S* . <i>J Genet Eng Biotechnol</i> 21 , 33 (2023).														
4.	Integrative Multiomics and Regulatory Network Analyses Uncover the Role of OAS3, TRAFD1, miR-222-3p, and miR-125b-5p in Hepatitis E Virus Infection. Gupta S, Singh P, Tasneem A, Almatroudi A, Rahmani AH, Dohare R, Parveen S* . <i>Genes</i> 14(1) , 42 (2023).														
5.	Rai A, Parveen S , Shree P, Ahmed T, Ali S, Kaur M, Sircar K, Sybil D, Chandra A. Salivary transforming growth factor beta in oral submucous fibrosis: A diagnostic and predictive marker. <i>Journal of Cancer Research and Therapeutics</i> May 02 (2023).														
6.	Analysis of codon usage patterns in open reading frame 4 of hepatitis E viruses. Shafat Z, Ahmed A, Parvez MK, Parveen S* . <i>Beni-Suef Univ J Basic Appl Sci</i> 11 , 65 (2022).														
7.	Innate immune response and inflammasome activation during SARS-CoV-2 infection. Islamuddin M, Mustfa SA, Najib Ullah SNM, Kato OUK, Parveen S* . <i>Inflammation</i> 45 , 1849–1863 (2022).														
8.	Mathematical modeling in perspective of vector-borne viral infections: a review. Prasad R, Sagar SK, Parveen S , Dohare R. <i>Beni-Suef Univ J Basic Appl Sci</i> 11 , 102 (2022).														

9.	Identification of the Key miRNAs and Genes Associated with the Regulation of Non-Small Cell Lung Cancer: A Network-Based Approach. Shafat Z, Ahmed MM, Almajhdi FN, Hussain T, Parveen S , Ahmed A. Genes , 13(7) , 1174 (2022).
10.	Novel chimeric vectors harboring hepatitis B viral promoter and reporter gene demonstrated liver-specific significance. Anwer A, Khan S, Amir F, Bhat SA, Azam SA, Hasan SK, Afroz M, Waseem R, Islam A, Parveen S , Kazim SN. Future Virol. 17(5) , 281–289 (2022).
11.	Airborne transmission of SARS-CoV-2 disease (COVID-19). Parvez MK, Parveen S . Future Virol. 17(5) : 261-264 (2022).
12.	Thymoquinone Induced Leishmanicidal Effect via Programmed Cell Death in <i>Leishmania donovani</i> . Islamuddin M, Ali A, Afzal O, Ali A, Ali I, Altamimi ASA, Alamri MA, Kato K, Parveen S* . ACS Omega 7, 12 , 10718–10728 (2022).
13.	Circulation of DENV-3 Genotype 3 during 2017 to 2018 in Delhi: A Single-Center Hospital-Based Study. Padhi A, Gupta E, Singh G, Parveen S , Islam A, Tarai B. J Lab Physicians 14(01) : 021-026 (2022).
14.	Decoding the codon usage patterns in Y-domain region of hepatitis E viruses. Shafat Z, Ahmed A, Parvez MK, Parveen S* . J Genet Eng Biotechnol 20 , 56 (2022).
15.	The dark proteome of rodent hepatitis E virus: Analysis of intrinsically disordered regions. Shafat Z, Ahmed A, Parvez MK, Islam A, Parveen S* . Arch Hepat Res 8(1) : 005-011 (2022).
16.	Mutation in the CX3C Motif of G Protein Disrupts its Interaction with Heparan Sulfate: A Calorimetric, Spectroscopic, and Molecular Docking Study. Hamza A, Samad A, Parray ZA, Ara S, Ahmed A, Almajhdi FN, Hussain T, Islam A Parveen S* . Int. J. Mol. Sci. 2022 , 23(4) , 1950 (2022).
17.	Development of Highly Sensitive Sandwich ELISA for the Early-Phase Diagnosis of Chikungunya Virus Utilizing rE2-E1 Protein. Islamuddin M, Ali A, Khan WH, Ali A, Hasan SK, Abdullah M, Kato K, Abdin MZ, Parveen S* . Infection and Drug Resistance 15 4065–4078 (2022).
18.	Wastewater-Based Epidemiological Surveillance for SARS-CoV-2. Parvez MK, Al-Dosari MS, Parveen S . (J Virol Viral Dis Ther. 1 (2022).
19.	Analysis of ORF5 protein signifies its importance in Norway rat Hepatitis E virus. Shafat Z, Ahmed A, Parvez MK, Islam A, Parveen S* . Network Biology 12 (2) (2022).
20.	Sequence to structural analysis of ORF5 protein in Norway Rat Hepatitis E Virus. Shafat Z, Ahmed A, Parvez MK, Parveen S* . Bioinformatics 18(1) : 19-25 (2022).
21.	Intrinsically disordered regions in the rodent hepevirus proteome. Shafat Z, Ahmed A, Parvez MK, Islam A, Parveen S* . Bioinformatics 18(2) : 111-118 (2022).
22.	Decoding the characteristics of ORF6 encoded protein of Norway rat Hepatitis E virus using bioinformatics approach. Shafat Z, Ahmed A, Parvez MK, Parveen S* . Network Biology 12(1) : 11-25 (2022).
23.	Structural Characterization of Ectodomain G Protein of Respiratory Syncytial Virus and its Interaction with Heparan Sulfate: Multi-Spectroscopic and In Silico Studies Elucidating Host-Pathogen Interactions. Hamza A, Samad A, Imam MA, Faizan MI, Ahmed A, Almajhdi FN, Hussain T, Islam A Parveen S* . Molecules. 26(23) :7398 (2021).
24.	Structural Characterization and Binding Studies of the Ectodomain G Protein of Respiratory Syncytial Virus Reveal the Crucial Role of pH with Possible Implications in Host-Pathogen Interactions. Hamza A, Shafat Z, Parray ZA, Hisamuddin M, Khan WH, Ahmed A, Almajhdi FN, Farrag MA, Mohammed AA, Islam A, Parveen S* . ACS Omega. 6 (15) : 10403-10414 (2021).
25.	Inhibition of Chikungunya Virus Infection by 4 Hydroxy-1-Methyl-3- (3-morpholinopropanoyl)quinoline-2(1H) one (QVIR) Targeting nsP2 and E2 Proteins. 10. Islamuddin M, Afzal O, Khan WH, Hisamuddin M, Altamimi ASA, Husain I, Kentaro Kato, Alamri MA, Parveen S* . ACS Omega. 6 (14) : 9791-9803 (2021).
26.	Role of “dual-personality” fragments in HEV adaptation—analysis of Y-domain region. Shafat Z, Ahmed A, Parvez MK, Parveen S* . Journal of Genetic Engineering & Biotechnology. 19 :154

	(2021).
27.	Shedding light on the dark proteome of Hepatitis E Virus. Shafat Z, Ahmed A, Parvez MK, Parveen S* . Network Biology . 11(4): 295-314 (2021) .
28.	An in vitro Study on the Role of Hepatitis B Virus X Protein C-Terminal Truncation in Liver Disease Development. Islam SZ, Ali AS, Khan, Hasan W, Masarrat A, Rahman FS, Fatima A, IqbalAMd, Anwer A, Khan S, Mehmanhah M, Parveen S , Syed Naqui KS Frontiers in Genetics . 12:209 (2021) .
29.	Structural exploration of Y-domain reveals its essentiality in HEV pathogenesis. Shafat Z, Hamza A, Islam A, Al-Dosari MS, Parvez MK, Parveen S* . Protein Expression & Purification . 187:105947 (2021) .
30.	Role of ORF4 in Hepatitis E virus regulation: analysis of intrinsically disordered regions. ShafatZ, Ahmed A, Parvez MK, Parveen S* . Journal of Proteins & Proteomics . 12 (4), 289-306 (2021) .
31.	Virtual Screening of Potential Therapeutic Inhibitors against Spike, Helicase, and Polymerase of SARS-CoV-2 (COVID-19). Tazeen A, Deeba F, Alam A, Ali R, Ishrat R, Ahmed A , Ali S, Parveen S* . Coronaviruses . (2021).
32.	Molecular Insights into the Y-domain of Hepatitis E Virus using computational analyses. Shafat Z, Hamza A, Deeba F, Parvez MK, Parveen S* . Beni-Suef University Journal of Basic and Applied Sciences . 10:76 (2021) .
33.	Understanding Hepatitis E Viruses by exploring the structural and functional properties of ORF4. Shafat Z, Tazeen A, Ahmed M, Parvez MK, Parveen S* . Network Biology . 11(4): 277-294 (2021) .
34.	Sequence to structure analysis of the ORF4 protein from Hepatitis E Virus. Shafat Z, Ahmed A, Parvez MK, Parveen S* . Bioinformatics . 17(9): 818-828 (2021) .
35.	Analysis of compositional biasness in the Y-domain of Hepatitis E Viruses. Shafat Z, Rizvi SAR, Ahmed A, Parvez MK, Parveen S* . Indian Journal of Health Sciences and Care 8(2):80-94 (2021) .
36.	Physicochemical attributes of Hepatitis E Virus ORF4: A general perspective. Shafat Z, Parveen S* . Indian Journal of Health Sciences & Care . 8(2):109-117 (2021) .
37.	Factors contributing to genetic variability in the Y-domain of HEV. Shafat Z, Parvez MK, Parveen S* . Indian Journal of Health Sciences and Care 8(2):69-79 (2021) .
38.	Circulation of dengue virus serotypes in hyperendemic region of New Delhi, India during 2011–2017. Islam A, Abdullah M, Tazeen A, Naqvi IH, Kazim SN, Ahmed A, Alamery SF, Malik A, Parveen S* . J Infect Public Health . 13 (12): 1912-1919 (2020) .
39.	Optimization of parameters for expression and purification of G glycoprotein ectodomain of respiratory syncytial virus. Shafat Z, Hamza A, Deeba F, Faizan MI, Khan N, Islam A, Ahmed A, Alamery SF, Parveen S* . Future Virology . 15 (4) 225-235 (2020) .
40.	Emergence of deadly severe acute respiratory syndrome coronavirus-2 during 2019–2020. IslamA, Ahmed A, Naqvi IH, Parveen S* . Virus Disease . 31(2):128–136 (2020) .
41.	Global transmission and evolutionary dynamics of the Chikungunya virus. Deeba F, Haider MSH, Ahmed A, Tazeen A, Faizan MI, Salam N, Hussain T, Almery SF, Parveen S* . Epidemiology and Infection . 148, E63 (2020) .
42.	Evolutionary analysis of the ON1 genotype of subtype a respiratory syncytial virus in Riyadh during 2008–16. Al-Hassinah S, Parveen S , Somily AM, AlSaadi MM, Alamery SF, Haq SH, Ahmed A. Infection, Genetics and Evolution 79, 104153 (2020) .
43.	Role of transforming growth factor-beta in oral submucous fibrosis: a comprehensive review of literature. Rai A, Mohannan M, Parveen S , Ali S, Parveen S. 7:18 (2020) .
44.	Expression of transforming growth factor beta in oral submucous fibrosis. Rai A, Ahmad T, Parveen S, Parveen S , Faizan MI, Ali S. J Oral Biol Cranofacial Res . 10:2, 166-170 (2020) .

45.	Molecular Pathogenesis of Oral Submucous Fibrosis. Rai A, Siddiqui M, Parveen S , Parveen S, Rasheed A, Ali S. A Critical Appraisal. Biomedical and Pharmacology Journal . 12 (04), 2027-2036 (2019) .
46.	Temperature and rainfall dependent mathematical modeling for progression of Zika virus infection. Kumar N, Faizan MI, Parveen S* , Dohare R. International J Mathematical Modelling and Numerical Optimization . 9 (4): 339-365 (2019) .
47.	Circulation of single serotype of Dengue Virus (DENV-3) in New Delhi, India during 2016: A change in the epidemiological trend. N, Islam A, Tazeen A, Hisamuddin M, Abdullah M, Naqvi IH, Faizan MI, Gulyani D, Ahmed A, Parveen S* . J Infect Public Health . 12 (1), 49-56 (2019) .
48.	Structure based identification of potential inhibitors of NS3 protein of Zika virus. Faizan MI, Naqvi AT, Hasan MI, Abdullah M, Tazeen A, Shafat Z, Hisamuddin M, Alam A, Ali S, Ali S, Farooqui A, Hamza A, Parveen N, Ahmed A, Parveen S* . Letters in Drug Design & Discovery . 16 (7), 761-774 (2019) .
49.	An overview of respiratory syncytial virus infections in Saudi Arabia. Ahmed A, Parveen S , Al-Haseenah SM, Salman F. Al-Amery SM. J Infect Dev Ctries . 12 (11), 929-936 (2018) .
50.	Co-circulation of Chikungunya and Dengue viruses in Dengue endemic region of New Delhi, India during 2016. Hisamuddin M, Tazeen A, Abdullah M, Islamuddin M, Parveen N, Islam A, Faizan MI, Hamza A, Naqvi IH, Verma HN, Malik A, Ahmed A, Parveen S* . Epidemiol Infect . 146 (13), 1642-1653 (2018) .
51.	Global prevalence, and distribution of coinfection of malaria, dengue, and chikungunya: a systematic review. Salam N, Mustafa S, Hafiz A, Chaudhary AA, Deeba F, Parveen S . BMC Public Health . 18 (1), 710 (2018) .
52.	BA9 Lineage of Respiratory Syncytial Virus from across the Globe and its Evolutionary Dynamics. Haider MSH, Khan WH, Deeba F, Ali S, Ahmed A, Naqvi IH, Dohare R, Alsenaidy HA, Alsenaidy AM, Broor S, Parveen S* . Plos One 13(4):e0193525 (2018) .
53.	Global distribution of NA1 genotype of respiratory syncytial virus and its evolutionary dynamics assessed from the past 11 years. Haider MSH, Deeba F, Khan WH, Naqvi IH, Ali S, Dohare R, Ahmed A, Broor S, Alsenaidy HA, Alsenaidy AM, Parveen S* . Infection Genetics and Evolution 60, 140-150 (2018) .
54.	Human Metapneumovirus (hMPV) protein their Therapeutics and Vaccine Potentials. Aftab S, Tazeen A, Ali S, Broor S, Hamza A, Ahmed A, Parveen S* . Indian Journal of Health Sciences and Care 4(3):126-40 (2017) .
55.	Retrospective Phylogenetic Analysis of Circulating BA Genotype of Human Respiratory Syncytial Virus with 60bp Duplication from New Delhi, India during 2007-2010. VLN Raghuram S, Khan WH, Deeba F, Sullender W, Broor S, and Parveen S* . Virus Disease Dec; 26(2): 276-281 (2015) .
56.	Biophysical characterization of G protein ectodomain of group B human respiratory syncytial virus from E. coli. Khan WH, Raghuram VLN, Islam A, Ilyas B, Haider SH, Ahmad F, Broor S, Parveen S* . Prep. Biochem. & Biotech . October 7 (2015) .
57.	Estimates of possible severe bacterial infection in neonates in sub-Saharan Africa, south Asia, and Latin America for 2012: a systematic review and meta-analysis. Seale AC, Blencowe H, Manu AA, Nair H, Bahl R, Qazi SA, Zaidi AK, Berkley JA, Cousens SN, Lawn JE, Parveen S for the pSBI Investigator Group. Lancet Infect. Dis . 14: 731-41 (2014) .
58.	Molecular characterization of Dengue and Chikungunya virus strains circulating in New Delhi, India. Afreen N, Deeba F, Khan WH, Haider SH, Kazim SN, Ishrat R, Naqvi IH, Shareef MY, Broor S, Ahmed A, Parveen S* . Microbiol. and Immunol. Dec; 58 (12): 688-96 (2014) .
59.	Molecular investigation of 2013 Dengue fever outbreak from Delhi, India. Afreen N, Deeba F, Naqvi IH, Shareef MY, Ahmed A, Broor S, Parveen S* . PLOS Currents Outbreaks . Sep 2. Edition 1 (2014) .
60.	Glycosylation studies of G protein of group B human respiratory syncytial virus (hRSV) in eukaryotic system. Khan WH, Shrungaram RVLN, Broor S, Parveen S* . Int. J. Curr. Microbiol .

	App. Sci. 3 (10) 107-113 (2014).
61.	Synergistic epistasis of Paraoxonase 1 (rs662 and rs85460) and Apolipoprotein (Apo) E ε4 genes in pathogenesis of Alzheimer's disease and vascular dementia. Alam R, Tripathi M, Mansoori N, Parveen S , Luthra K, Lakshmy R, Sharma S, Arulselvi S, Mukhopadhyay AK. American J. of Alzheimer's Dis. & other Dementias Dec; 29 (8): 769-76. (2014).
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63.	Neonatal severe bacterial infection impairment estimates in South Asia, sub-Saharan Africa, and Latin America for 2010. Seale AC, Blencowe H, Zaidi A, Ganatra H, Syed S, Engmann C, Newton CR, Vergnano S, Stoll BJ, Cousens SN, Lawn JE, Parveen S on behalf of the neonatal infection's estimation team. Nature Pediatric Research Dec; 74 (s1):73-85 (2013).
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65.	MTHFR (677 and 1298) and IL-6-174 G/C genes in pathogenesis of Alzheimer's and vascular dementia and their epistatic interaction. Mansoori N, Tripathi M, Luthra K, Alam R, Lakshmy R, Sharma S, Arulselvi S, Parveen S , Mukhopadhyay AK. Neurobiol Aging. May; 33(5): 1003.e1-8. (2012).
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69.	The Relationship of Meteorological Conditions to the Epidemic Activity of Respiratory Syncytial Virus. S Yusuf, G Piedimonte, A Auais, G Demmler, S Krishnan, PV Caesele, R Singleton, Broor S, Parveen S , L Avendano, J Parra, S Chavez- Bueno, TM de Sierra, EAF Simoes, S Shaha, R Welliver, Sr. Epidem & Infect. Oct; 135 (7): 1077-90 (2007).
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P.	Publications in Books
	"The COVID-19 Pandemic: Epidemiology, Molecular Biology and Therapy" (ISBN:978-981-14-8185-7) edited by Shama Parveen that was published by Bentham Science Publishers in February 2021. This book has 11 chapters focusing on morphology, genome, proteins, structural protein genes and replication of SARS- CoV-2 as well as epidemiology, transmission, risk factors,

clinical manifestation, management, host immune response and pathogenesis, diagnosis, therapeutic agents and vaccines for COVID-19.

Publications in Books Chapters

1.	Deeba F, Afreen N, Islam A, Naqvi IH, Broor S, Ahmed A, Parveen S* . Contributed book chapter entitled "Co-infection in Dengue and Chikungunya viruses" in a book entitled " Current Topics in Chikungunya " (ISBN 978-953-51-4627-8) that was published by Intech Open Science (Pages 105-109, 2016).
2.	Parveen S. * , Ali S. "An Introduction to Coronavirus Disease 2019 (COVID-19) in a book entitled " The COVID-19 Pandemic: Epidemiology, Molecular Biology and Therapy " (ISBN: 978-981-14-8185-7) (pages 1-16, 2021).
3.	Khan N., Islam A., Hamza A., Shafat Z., Islam A., Ahmed A., Parveen S* . "Morphology, Genomic Organization, Proteins and Replication of SARS-CoV-2." in a book entitled " The COVID-19 Pandemic: Epidemiology, Molecular Biology and Therapy " (ISBN: 978-981-14-8185-7 (pages 17-37, 2021).
4.	Shafat Z., Rizvi SAR.,Urrehmaan AA.,Tazeen A., Sinha P., Ahmed A., Parveen S* . "Structural Protein Genes of SARS-CoV-2: Comprehensive Molecular Characterization." in a book entitled " The COVID-19 Pandemic: Epidemiology, Molecular Biology and Therapy " (ISBN: 978-981-14-8185-7) (pages 38-61, 2021).
5.	Islam A., Parveen N., Haider MSH., Dohare R., Ahmed A., Ali S., Parveen S* . "Codon Based Characterization of S2 Subunit of Severe Acute Respiratory Syndrome- Related Coronaviruses." in a book entitled " The COVID-19 Pandemic: Epidemiology, Molecular Biology and Therapy " (ISBN: 978-981-14-8185-7) (pages 62-77, 2021).
6.	Khan MW, Ara S, Deeba F., Tazeen A., Salam N., Naqvi IH., Parveen S* . "Global Epidemiology and Transmission of COVID." in a book entitled " The COVID-19 Pandemic: Epidemiology, Molecular Biology and Therapy " (ISBN: 978-981-14-8185-7) (pages 78-102, 2021).
7.	Urrehmaan MM., Hamza A., Shafat Z., Parveen S., Wajid S., Parveen S* . Contributed book chapter entitled "Risk Factors for Severe Covid-19 Disease." in a book entitled " The COVID-19 Pandemic: Epidemiology, Molecular Biology and Therapy " (ISBN: 978-981-14-8185-7) (pages 103-122, 2021).
8.	Naqvi IH., Faizan MI., Islamuddin M., Abdullah M., Rai A. and Parveen S* . "Clinical Manifestations, Treatment, Immune Response and Pathogenesis of Covid-19." in a book entitled " The COVID-19 Pandemic: Epidemiology, Molecular Biology and Therapy " (ISBN: 978-981-14-8185-7) (pages 123-144, 2021).
9.	Ahmed A., Almajhdi FN., Faizan MI., Ahmad T., Parveen S* . "COVID-19: Current Diagnostic Approaches." in a book entitled " The COVID-19 Pandemic: Epidemiology, Molecular Biology and Therapy " (ISBN: 978-981-14-8185-7) (pages 145-167, 2021).
10.	Tazeen A., Deeba F., Shafat Z., Faizan MI., Sarwat M., Parvez MK., Parveen S* . "Natural Compounds as Potential Therapeutic Agents against COVID-19." in a book entitled " The COVID-19 Pandemic: Epidemiology, Molecular Biology and Therapy " (ISBN: 978-981-14-8185-7) (pages 168-196, 2021).
11.	Islam A., Parveen N., Hamza A., Khan N., Naqui S., Kazim AA., Parveen S* . "Drug Repurposing Candidates and Therapeutic Approaches towards the Treatment of COVID-19." in a book entitled " The COVID-19 Pandemic: Epidemiology, Molecular Biology and Therapy " (pages 197-209, 2021).
12.	Parveen N., Islam A., Khan N., Ahmed A., Naqvi IH., Parveen S* . "COVID-19 Vaccine Development: Challenges and Current Scenarios in a book entitled " The COVID-19

		Pandemic: Epidemiology, Molecular Biology and Therapy" (ISBN: 978-981-14-8185-7 (pages 210-247, 2021).
Q.	Abstract Published in Conferences	Total: 30
	Conference/Seminar Organized as Convener	
	Convener of Extension Lecture on 'COVID-19 Diagnosis and Clinical Management' organized by Centre for Interdisciplinary Research in Basic Sciences, Jamia Millia Islamia, New Delhi on 26th September 2020.	
	Course Co-Coordinator of the UGC-Human Resource Development Centre, Jamia Millia, New Delhi 7 th 2-WEEK Refresher Course in Basic Sciences (Interdisciplinary) (05th November to 19th November 2019).	
	Convener of National Conference on 'Recent Trends in Molecular Virology' organized by Centre for Interdisciplinary Research in Basic Sciences, Jamia Millia Islamia, New Delhi from 17-19th November 2014.	
	Co-Convener of Interdisciplinary Science Conference-2007 on 'Recent Trends in Research in Biological Sciences', organized by Centre for Interdisciplinary Research in Basic Sciences, Jamia Millia Islamia on 7 th December 2007.	
R.	Administrative responsibilities taken	
	1.	Assistant Proctor, JMI (2019- 2022)
	2.	PhD Course Coordinator, CIRBSc (2008 till date)
	3.	Member Secretary, Institutional Ethics Committee, JMI (2012- 2014)
	4.	Member, Institutional Ethics Committee, JMI (2015- 2020)
	5.	Member Institutional Biosafety Committee, JMI (October 2019 till date)
	6.	Member Technical Committee, Dr. M.A. Ansari Heath Centre, JMI (2012- 2014)

(Professor Shama Parveen)