

List of Papers Published by NIV Scientists
April 2024 – August 2024

SN	Article Details
1.	Bhardwaj S, Choudhary ML, Chadha MS, Kinikar A, Bavdekar A, Gujar N, Dcosta P, Kulkarni R, Bafna S, Salvi S, Padbidri V, Potdar V. Resurgence of respiratory syncytial virus infection during COVID-19 pandemic in Pune, India. <i>BMC Infect Dis.</i> 2024 Jun 14;24(1):586. doi: 10.1186/s12879-024-09426-6. PMID: 38877428
2.	Bhattacharya M, Chatterjee S, Saxena S, Nandi SS, Lee SS, Chakraborty C. Current landscape of long COVID clinical trials. <i>Int Immunopharmacol.</i> 2024 May 10;132:111930. doi: 10.1016/j.intimp.2024.111930. Epub 2024 Mar 27. PMID: 38537538
3.	Bonnet G, Bimba J, Chavula C, Chifamba HN, Divala TH, Lescano AG, Majam M, Mbo D, Suwantika AA, Tovar MA, Yadav P, Ekwunife O, Mangenah C, Ngwira LG, Corbett EL, Jit M, Vassall A. Cost-effectiveness of COVID rapid diagnostic tests for patients with severe/critical illness in low- and middle-income countries: A modeling study. <i>PLoS Med.</i> 2024 Jul 18;21(7):e1004429. doi: 10.1371/journal.pmed.1004429. PMID: 39024370
4.	Chavan NA, Rani VS, Shinde P, Shinde M, Pavani S, Srinath M, Mehreen SF, Reddy PS, Lavania M. Identification of coxsackievirus A-24 GIV C5 strain as the cause of acute hemorrhagic conjunctivitis outbreak in Hyderabad, India in 2022. <i>Heliyon.</i> 2024 Jun 1;10(11):e32254. doi: 10.1016/j.heliyon.2024.e32254. PMID: 38947457
5.	Crow R, Satav A, Potdar V, Satav S, Dani V, Simões EAF. Risk factors for the development of severe or very severe respiratory syncytial virus-related lower respiratory tract infection in Indian infants: A cohort study in Melghat, India. <i>Trop Med Int Health.</i> 2024 Jul;29(7):612-621. doi: 10.1111/tmi.14003. PMID: 38741367
6.	Davuluri KS, Shukla S, Kakade M, Cherian S, Alagarasu K, Parashar D. Explorations on the antiviral potential of zinc and magnesium salts against chikungunya virus: implications for therapeutics. <i>Front Cell Infect Microbiol.</i> 2024 Jun 4;14:1335189. doi: 10.3389/fcimb.2024.1335189. PMID: 38895735
7.	Gurav YK, Bagepally BS, Chitpim N, Sobhonslidsuk A, Gupte MD, Chaikledkaew U, Thakkinstian A, Thavorncharoensap M. Cost-effective analysis of hepatitis A vaccination in Kerala state, India. <i>PLoS One.</i> 2024 Jun 27;19(6):e0306293. doi: 10.1371/journal.pone.0306293. PMID: 38935781
8.	Joshi MS, Shinde MS, Lavania M. Evaluation of different genomic regions of rotavirus B and rotavirus C for development of real-time RT-PCR assays. <i>Virol J.</i> 2024 Apr 24;21(1):94. doi: 10.1186/s12985-024-02369-z. PMID: 38659036
9.	Kanungo S, Bhattacharjee U, Prabhakaran AO, Kumar R, Rajkumar P, Bhardwaj SD, Chakrabarti AK, Kumar C P G, Potdar V, Manna B, Amarchand R, Choudekar A, Gopal G, Sarda K, Lafond KE, Azziz-Baumgartner E, Saha S, Dar L, Krishnan A. Adverse outcomes in patients hospitalized with pneumonia at age 60 or more: A prospective multi-centric hospital-based study in India. <i>PLoS One.</i> 2024 May 2;19(5):e0297452. doi: 10.1371/journal.pone.0297452. PMID: 38696397
10.	Kasbe R, Tripathy AS, Wani MR, Mullick J. Elevated Complement Activation Fragments and C1q-Binding Circulating Immune Complexes in Varied Phases of Chikungunya Virus Infection. <i>Curr Microbiol.</i> 2024 Jun 24;81(8):242. doi: 10.1007/s00284-024-03732-7. PMID: 38913141
11.	Kumar A, Misra G, Mohandas S, Yadav PD. Multi-epitope vaccine design using in silico analysis of glycoprotein and nucleocapsid of NIPAH virus. <i>PLoS One.</i> 2024 May 10;19(5):e0300507. doi: 10.1371/journal.pone.0300507. PMID: 38728300

12.	Kumar N, Kaushik R, Yadav P, Sircar S, Shete-Aich A, Singh A, Malik YS. A highly divergent enteric calicivirus in a bovine calf in India. <i>Arch Virol</i> . 2024 Apr 17;169(5):102. doi: 10.1007/s00705-024-06025-3. PMID: 38630315
13.	Manjunathachar HV, Barde PV, Chouksey V, Tiwari P, Mathapati B, Shrivastava S, Chakma T. Leptospirosis in central India: A retrospective study to explore burden of tropical illness. <i>Indian J Med Microbiol</i> . 2024 Aug 1;51:100689. doi: 10.1016/j.ijmmb.2024.100689. PMID: 39067858
14.	Manjunathachar HV, Raut CG, Tiwari P, Chouksey V, Barde PV, Yadav PD, Sharma RK, Das A. Crimean-Congo hemorrhagic fever virus prevalence in livestock of Jabalpur, Madhya Pradesh, Central India and its implications for public health. <i>Res Vet Sci</i> . 2024 May;171:105243. doi: 10.1016/j.rvsc.2024.105243. Epub 2024 Mar 26. PMID: 38564980
15.	Mohanty L, John TJ, Pawar SD, Ramanan PV, Agarkhedkar S, Haldar P. The Immunogenicity of Monovalent Oral Poliovirus Vaccine Type 1 (mOPV1) and Inactivated Poliovirus Vaccine (IPV) in the EPI Schedule of India. <i>Vaccines (Basel)</i> . 2024 Apr 17;12(4):424. doi: 10.3390/vaccines12040424. PMID: 38675806
16.	Mohanty MC, Dharmapalan D, Vengurlekar P, Varose S, Shete A, Joshi Y, Yadav S, Yadav P, Jawade K, Tatkare M, Gavhane J, Patil A, Shahane S, Warad S, Yewale Y, Mody P, Joshi S, Yewale V, Saxena VK. Enteroviruses Associated with Hand Foot and Mouth Disease in Navi Mumbai, Maharashtra, India in 2022. <i>Indian J Pediatr</i> . 2024 Jul 3. doi: 10.1007/s12098-024-05195-x. PMID: 38958921
17.	Mohanty MC, Govindaraj G, Ahmad M, Varose SY, Tatkare M, Shete A, Yadav S, Joshi Y, Yadav P, Sharma D, Kumar A, Verma H, Patil AP, Edavazhipurath A, Dhanasooraj D, Othayoth Kandy S, Puthenpurayil JM, Chakyar K, Melarcode Ramanan K, Madkaikar M. Immunodeficiency-Related Vaccine-Derived Poliovirus (iVDPV) Excretion in an Infant with Severe Combined Immune Deficiency with Spillover to a Parent. <i>Vaccines (Basel)</i> . 2024 Jul 9;12(7):759. doi: 10.3390/vaccines12070759. PMID: 39066397
18.	Moore KA, Mehr AJ, Ostrowsky JT, Ulrich AK, Moua NM, Fay PC, Hart PJ, Golding JP, Benassi V, Preziosi MP, Broder CC, de Wit E, Formenty PBH, Freiberg AN, Gurley ES, Halpin K, Luby SP, Mazzola LT, Montgomery JM, Spiropoulou CF, Mourya DT, Parveen S, Rahman M, Roth C, Wang LF, Osterholm MT. Measures to prevent and treat Nipah virus disease: research priorities for 2024-29. <i>Lancet Infect Dis</i> . 2024 Jul 1:S1473-3099(24)00262-7. doi: 10.1016/S1473-3099(24)00262-7. PMID: 38964362
19.	Muruganandam N, Vipat V, Jadhav S, Vins A, Beniwal N, Kaur H, Renuka RR, Parvez R, Potdar V. Seasonal distribution and upsurge of respiratory viruses among indigenous tribes with ILI and SARI in a far-flung Car Nicobar Island. <i>BMC Infect Dis</i> . 2024 Jun 28;24(1):651. doi: 10.1186/s12879-024-09536-1. PMID: 38943048
20.	Nath A, Gangopadhayya A, Ghuge O, Kumar S, Ramdasi A, Karlekar S, Sudeep AB, Lole KS. Determination of Species Identity and Genetic Diversity of <i>Aedes aegypti</i> and Other Medically Important Mosquitoes of India Using DNA Barcoding. <i>Am J Trop Med Hyg</i> . 2024 Jul 2;111(2):324-332. doi: 10.4269/ajtmh.23-0471. PMID: 38955202
21.	Sapkal G, Deshpande GR, Gupta N, Deshpande K, Sharma S, Tandale B, Shrivastava R, Vidhate S, Khutwad K, Tilekar BN. Harmonization of Zika serological assays and comparative evaluation of two commercial ZIKA IgG ELISA kits. <i>Diagn Microbiol Infect Dis</i> . 2024 Jun;109(2):116238. doi: 10.1016/j.diagmicrobio.2024.116238. Epub 2024 Mar 4. PMID: 38554539
22.	Sawant S, Nandi SS, Gohil T, Jadhav A, Samudra P, Arora M, Rudra U, Deshpande J. A multiplex SNaPshot assay for the detection of single nucleotide polymorphism associated with clinical severity of enterovirus infections. <i>Gene</i> . 2024 Oct 30;926:148618. doi: 10.1016/j.gene.2024.148618. Epub 2024 May 29. PMID: 38821327

23.	Shanmugasundaram D, Viswanathan R, Winter AK, Agarwal A, Roychowdhury B, Muliylil D, Prasad GRV, Pushpalatha K, Gowda M, Singh P, Priyasree J, Bonu R, Jha S, Kumar Jena S, Jain S, Suri V, Hebbale V, Jain A, Mary Abraham A, Mishra B, Kumar Pati B, Biswas D, Pratkeye D, Ashok M, Singh MP, Dhodapkar R, Ray R, Gadepalli R, Ratho RK, Rani S, Shukla S, Ali A S, Lakshmi Nag V, Sabarinathan R, Saravana Kumar V, Priya R P, Dwibedi B, Sapkal G, Singh H, Singh K, Tiwari L, Jain M, Mondal N, Sreenivasan P, Mahantesh S, Verma S, Awasthi S, Malik S, Santhanam S, Datta S, Kumar A, Kant Chowdhary B, Khera D, Jain M, Kumar P, Pati S, Tripathi S, Murhekar M. Rubella immunity among pregnant women and the burden of congenital rubella syndrome (CRS) in India, 2022. <i>Vaccine</i> . 2024 Jul 2;S0264-410X(24)00718-7. doi: 10.1016/j.vaccine.2024.06.044. PMID: 38960788
24.	Sharma P, Gautam S, Sharma A, Parsoya D, Deeba F, Pal N, Singh R, Sharma H, Bhomia N, Sharma RP, Potdar V, Malhotra B. Genomic surveillance of SARS-CoV-2 and emergence of XBB.1.16 variant in Rajasthan. <i>Indian J Med Microbiol</i> . 2024 Jul-Aug;50:100659. doi: 10.1016/j.ijmmb.2024.100659. PMID: 38945273
25.	Shukla S, Kakade M, Cherian S, Alagarasu K, Parashar D. Arctigenin from <i>Arctium lappa</i> L. inhibits chikungunya virus by affecting its entry and replication. <i>Phytomedicine</i> . 2024 Jun;128:155491. doi: 10.1016/j.phymed.2024.155491. Epub 2024 Feb 27. PMID: 38489894
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27.	Tandale BV, Khude PM, Deshmukh PS, Qazi MS, Padmaja GV, Narang R, Deshmukh PR, Rajderkar SS, Tomar SJ, Bondre VP, Sapkal GN, Damle RG, Jain M, Jain D, Guduru VK, Jain J, Gosavi RV, Sekhar VC, Raut AV, Narlawar UW, Jha PK, Niswade AK, Talapalliwar M, Rathod P, Soujanya BP, Kumar MP, Kumar KJK, Japanese Encephalitis Epidemiology in Central India Study Group. Epidemiology of Japanese Encephalitis in Central India after Implementing Immunization. <i>J Pediatr Infect Dis</i> . 2024 Apr 24. doi: 10.1055/s-0044-1785490.
28.	Tare DS, Keng SS, Walimbe AM, Pawar SD. Phylogeography and gene pool analysis of highly pathogenic avian influenza H5N1 viruses reported in India from 2006 to 2021. <i>Arch Virol</i> . 2024 Apr 25;169(5):111. doi: 10.1007/s00705-024-06032-4. PMID: 38664271
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