

Brief Profile

Name	Dr. Nitika
Current Designation	Scientist E
Research Discipline	Malaria, Dengue
Department / Division	Clinic, Epidemiology
Date of joining the current post	24-May, 2021
Date of joining ICMR	24-May-2021
Official E-mail ID	Nitika.nimr@icmr.gov.in
Educational Qualification	MBBS, MD (Community Medicine), DNB (SPM)
Research experience (in years):	11 years
Research Interest/Thrust Areas	
Clinical and molecular aspects of malaria, and dengue.	
Number of projects handled as:	
Principal Investigator - 2	
Co-Principal Investigator - 1	
Co-investigator - 1	
Number of doctorate / post-doc students mentored	
As Guide - 1	
As Co-guide - NA	
List of significant publications (Please give the details of the publications in APA format)	
<p>1. Verma R, Commons RJ, Gupta A, Rahi M, Nitika, Bharti PK, et al. Safety and efficacy of primaquine in patients with Plasmodium vivax malaria from South Asia: a systematic review and individual patient data meta-analysis <i>BMJ Global Health</i> 2023;8:e012675.</p> <p>2. Nema S, Nitika, Anvikar AR, Bharti PK. Malaria slide bank plays a crucial role in achieving and sustaining malaria elimination in India. <i>Asian Pacific Journal of Tropical Medicine</i> 16(10):p 431-433, October 2023. DOI: 10.4103/1995-7645.388384</p> <p>3. Nema S, Srivastava B, Ahmad N, Sharma S, Anvikar AR, Rahi M, Sharma A, Bharti PK, Nitika N. Malaria Slide Bank to Strengthen and Improve the Quality of Malaria Diagnosis: A National Slide Repository in India. <i>The American Journal of Tropical Medicine and Hygiene</i>. 2024 Apr 2;110(5):921-4.</p> <p>4. Ahmad SS, Verma R, Commons RJ, Nitika, Phulgenda SS, Chhajed R, et al. A randomised controlled trial to compare the efficacy, safety, and tolerability of low dose, short course primaquine in adults with uncomplicated P. vivax malaria in two hospitals in India. <i>Trials</i> 25, 154 (2024). https://doi.org/10.1186/s13063-024-07987-0</p>	

5. Nema S, **Nitika N.** Monoclonal antibody: future of malaria control and prevention. *Trans R Soc Trop Med Hyg.* 2023 Sep 1;117(9):673-674. doi: 10.1093/trstmh/trad027. PubMed PMID: 37093779.
6. **Nitika**, S Nema, PK Bharti. R21 vaccine: A ray of hope for malaria elimination. *Asian Pacific Journal of Tropical Medicine* 16 (6), 243-244.
7. Rahi M, Yadav CP, Ahmad SS, **Nitika**, Das P, et al. Vaccination coverage and breakthrough infections of COVID-19 during the second wave among staff of selected medical institutions in India. *PLOS Global Public Health* 3(4): e0000946. <https://doi.org/10.1371/journal.pgph.0000946>
8. Ranjha R, Yadav CP, Chourasia MK, **Nitika**, Dash CK, Kumar J. Knowledge Attitude and Practices of Mitani's (Community Health Workers) in Chhattisgarh: Malaria Elimination Perspective. *Front Public Health.* 2022 Mar 3;9:774864.
9. **Nitika**; Saroha P, Srivastava B, Sharma A. Seasonal Distribution and Trend Analysis of Urban Malaria Prevalence in a Malaria Clinic, South Delhi, India, between 2012 and 2019. *Am J Trop Med Hyg.* 2022 Oct 10;107(5):999-1004.
10. Sinha B, Choudhary TS, **Nitika N**, Kumar M, Mazumder S, Taneja S, Bhandari N. Linear Growth Trajectories, Catch-up Growth, and Its Predictors Among North Indian Small-for-Gestational Age Low Birthweight Infants: A Secondary Data Analysis. *Front Nutr.* 2022 May 24;9:827589.
11. **Nitika** . Discriminatory ability of mid-upper arm circumference in identifying overweight and obese adolescents: Findings from the comprehensive national nutrition survey, India. *Indian J Public Health.* 2021 Jul-Sep;65(3):269-274.
12. **Nitika**. Discriminatory performance of mid-upper arm circumference for identifying thin and severely thin adolescents: a secondary data analysis using Comprehensive National Nutrition Survey. *Nepal J Epidemiol.* 2021 Jun 30;11(2):1023-1033.
13. Chowdhury R, **Nitika**, Choudhary TS, Dhabhai N, Mittal P, Dewan R, Kaur J, Chaudhary R, Tamaria A, Bahl R, Taneja S, Bhandari N. Gestational weight gain and pregnancy outcomes: Findings from North Indian pregnancy cohort. *Matern Child Nutr.* 2021;18(1):e13238. Published 2021 Jul 6. doi:10.1111/mcn.1323
14. Chowdhury R, **Nitika**, Choudhary TS, Taneja S, Martines J, Bhandari N, Bahl R. Diagnostic measures for severe acute malnutrition in Indian infants under 6 months of age: a secondary data analysis. *BMC Pediatr.* 2021 Apr 1;21(1):158.
15. Taneja, S., Chowdhury, R., Dhabhai, N. et al. Impact of an integrated nutrition, health, water sanitation and hygiene, psychosocial care and support intervention package delivered during the pre- and peri-conception period and/or during pregnancy and early childhood on linear growth of infants in the first two years of life, birth outcomes and nutritional status of mothers: study protocol of a factorial, individually randomized controlled trial in India. *Trials* 21, 127 (2020)
(Part of study group)
16. **Nitika**, Lohani P. Prevalence and determinants of menstrual disorders and napkin usage among women in India using DLHS-4 data. *J Family Med Prim Care.* 2019


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