Brief Profile

Name	Dr Piyoosh Kumar Singh
Current Designation	Scientist C
Research Discipline	Social and Behavior Research
Department / Division	Epidemiology
Date of joining the current post	1.9.2022
Date of joining ICMR	13.9.2019
Official E-mail ID	pksingh.nimr@icmr.gov.in, drpksingh45@gmail.com
Educational Qualification	MSc, PhD
Research experience (in years):	7 years

Research Interest/Thrust Areas

Malaria, Vector Borne Disease, Social and Behavior Research, Care Seeking Behaviour, Health System Research, Health Equity, AI in Health

Number of projects handled as:

Principal Investigator - 1

Co-Principal Investigator - 2

Co-investigator-6

Number of doctorate / post-doc students mentored

As Guide - Nil

As Co-guide - Nil

List of significant publications (Please give the details of the publications in APA format)

1. Karan, M., Paul, S., Nath, S., Das, B., Ghosh, S., Karmakar, S., **Singh, P. K.,** ... & Pal, C. (2024). One-Step Multiplex Polymerase Chain Reaction Assay for the Detection of Major Disease-Transmitting Mosquito Vectors in India. *The American journal of tropical medicine and hygiene*, tpmd240211.
2. **Singh, P. K**., Harit, R., De, S., Pandey, K. C., & Vashisht, K. (2024). Reply to correspondence by Deora et al. in Human Genomics 18, article no.: 52 (2024): critical insights on "Association of the C allele of rs479200 in the EGLN1 gene with COVID 19 severity in Indian population: a novel finding". Human Genomics, 18(1), 100.
3. Shrinivasa, B. M., Vani, H. C., Singhal, R., Singh, K., Nath, S., Tripathi, P. K., **Singh, P.K**, ... & Rahi, M. (2024). Community perspective and healthcare assessment in malaria endemic states of India: a cross-sectional study protocol. BMJ open, 14(7), e081856.
4. Harit, R., De, S., Singh, P. K., Kashyap, D., Kumar, M., Sahu, D., ... & Vashisht, K. (2024). Association of the C allele of rs479200 in the EGLN1 gene with COVID-19 severity in Indian population: a novel finding. Human genomics, 18(1), 7.

5. Ogutu, B., Yeka, A., Kusemererwa, S., Thompson, R., Tinto, H., Toure, A. O., **Singh P. K**.,….. & Grobusch, M. P., (2023). Ganaplacide (KAF156) plus lumefantrine solid dispersion formulation combination for uncomplicated Plasmodium falciparum malaria: an open-label, multicentre, parallel-group, randomised, controlled, phase 2 trial. The Lancet Infectious Diseases.

6. Rahi, M., Yadav, C. P., Ahmad, S. S., Das, P., Sharma, S., Baharia, R. K., **Singh P. K.,** & Sharma, A. (2023). Vaccination coverage and breakthrough infections of COVID-19 during the second wave among staff of selected medical institutions in India. PLOS Global Public Health
7. **Singh, P. K.,** Anvikar, A., & Sinha, A. (2022). COVID-19 related knowledge, attitudes, and practices in Indian Population: An online national cross-sectional survey. PloS one, 17(3), e0264752.
8. Gupta, G., Deval, R., Rai, N., Nizamuddin, S., Upadhyay, S., Pasupuleti, N., **Singh, P. K.,** ... & Rao, V. R. (2022). Genome-wide association study for suicide in high–risk isolated historical population from North East India. Journal of Affective Disorders Reports, 8, 100327.
9. Singh, O. P., Sindhania, A., Sharma, G., Mishra, S., Sharma, S. K., **Singh, P. K.,** & Das, M. K. (2021). Are members of the Anopheles (Cellia) fluviatilis complex conspecific?. Acta Tropica, 106149.
10. Gupta, G., Deval, R., Mishra, A., Upadhyay, S., **Singh, P. K.**, & Rao, V. R. (2020). Re-testing reported significant SNPs related to suicide in a historical high-risk isolated population from north east India. Hereditas, 157(1), 1-7.
11. **Singh, P. K**., & Rao, V. R. (2018). Explaining suicide attempt with personality traits of aggression and impulsivity in a high-risk tribal population of India. PloS one, 13(2), e0192969.
12. Saha, S & Newmei, MK & Pasi, S & **Singh, P**& Rao, VR & Gupta, V. (2017). Depression, Stress and Genetic vulnerability for Suicidal Behaviour among Dubla tribe of Daman, India."Ind. J. Phys. Anthrop. & Hum. Genet."; 36 (2), 139-151.
13. Pasi, S., **Singh, P. K**., Pandey, R. K., Dikshit, P. C., Jiloha, R. C., & Rao, V. R. (2015). Evaluation of psychiatric and genetic risk factors among primary relatives of suicide completers in Delhi NCR region, India. Psychiatry research, 229(3), 933-939.
14. **Singh, P. K**., Singh, R. K., Biswas, A., & Rao, V. R. (2013). High rate of suicide attempt and associated psychological traits in an isolated tribal population of North-East India. Journal of affective disorders, 151(2), 673-678.
15. **Singh, P. K.**, Sachdeva, M. P., & Saraswaty, K. N. (2012). Haptoglobin Polymorphism and G-6-Pd Status Deficiency among the Brahmins and Rajputs of Solan District, Himachal Pradesh. Asian Man (The)-An International Journal, 6(1), 46-48.

Achievements/Awards/Additional Information

Nil

Signature