

Dr. Ritesh Ranjha, Scientist C
ICMR-National Institute of Malaria Research
New Delhi

Research Experience: Small RNA sequencing, miRNA target prediction and validation, gene silencing using miRNA mimics, Transfections studies using Human carcinoma cell lines, In-vivo mice model studies, and field experience for working vector biology and malaria control

Research Interest: Immunological and epigenetic factors in pediatric Malaria, Low-Density Infections and transmission potential, Anti-malarial drug resistance, Malaria vector Behavior Change

Publication in peer-reviewed journals:

- **R Ranjha**, Chander P. Yadav, Mehul K. Chourasia, Nitika Nitika, Chinmay K. Dash, Jitendra Kumar Knowledge Attitude and Practices of Mitanin's (Community Health Workers) in Chhattisgarh: Malaria elimination perspective: *Frontiers in public health* 2022
- **Ranjha R**, Sharma A. Forest malaria: the prevailing obstacle for malaria control and elimination in India. *BMJ Global Health* 2021;6:e005391. doi:10.1136/bmjgh-2021-005391
- **Ranjha R**, Singh H, Kumar J Dengue outbreak in Bhilai, Chhattisgarh 2018: Entomological investigation and community awareness. *Indian Journal of Community Health* 2021
- Aggarwal S, **Ranjha R**, Paul J. Neuroimmunomodulation by gut bacteria: Focus on Inflammatory Bowel Diseases-1. *World Journal of Gastrointestinal Surgery* 2021
- V. Gosh, **R. Ranjha**, AK Gupta Formulation of anti-larval nanoemulsion: Impact of droplet size on larvicidal activity against malaria vectors in Chhattisgarh, India. *Indian Journal of Biochemistry and Biophysics (IJBB)* 2021
- **Ranjha, R.**, Dutta, G.D.P. & Gitte, S.V. School-age Children as Asymptomatic Malaria Reservoir in Tribal Villages of Bastar Region, Chhattisgarh. *Indian Pediatr* (2019) 56: 873. <https://doi.org/10.1007/s13312-019-1615-2>
- **Ranjha R.** A Knowledge, Attitude and Practices Survey and Entomological Situation Analysis in Malaria Endemic Tribal Villages of Surajpur District, Chhattisgarh, India. *J Commun Dis* 2019; 51(1): 1-5.

- **Raju Ranjha**, Surbhi Aggarwal, Vineet Ahuja and Jaishree Paul Site specific expression of CXCL-12 β and its regulation by miR-200a in Ulcerative Colitis. Gastroenterology and hepatology: Open Access. **2019**
 - **Raju Ranjha**, Naresh Kumar Meena, Abiraman Singh, Vineet Ahuja, Jaishree Paul Association of miR-196a-2 and miR-499 variants with ulcerative colitis and their correlation with expression of respective miRNAs **Plos One 2017**
 - **Ranjha R**, Aggarwal S, Bopanna S, Ahuja V, Paul J Site-Specific MicroRNA Expression May Lead to Different Subtypes in Ulcerative Colitis.
 - **R. Ranjha** • J. Paul Micro-RNAs in inflammatory diseases and as a link between inflammation and cancer. Inflamm. Res. (2013) 62:343–355, DOI 10.1007/s00011-013-0600-9.
 - Nirmal Verma, Ravi Verma, Reena Kumari, **Raju Ranjha**, Jaishree Paul. Effect of salicin on gut inflammation and on selected groups of gut microbiota in dextran sodium sulfate induced mouse model of colitis. Inflamm. Res. (2013), DOI 10.1007/s00011-013-0685-1
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Declaration: I hereby declare that the above-mentioned particulars are true to the best of my knowledge and belief.

Date: 14-06-2022
Place: NIMR Delhi

Dr. Ritesh Ranjha