

## Dr. R. Ranjha

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Scientist working in the field of Malaria since 2016 with Lab experience in Human cell culture, Mice model handling and molecular biology, and field experience for working vector biology and malaria control, in endemic regions of Chhattisgarh.

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**Research Interest:** Parasite Biology, Low Density Infections, Vector Control

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### Ongoing Projects:

- A longitudinal study on the fabric integrity, survivorship and compliance (use rate) of field distributed long-lasting insecticidal nets for malaria control in Chhattisgarh state. Project Investigator
  - Assessment of Knowledge, Attitude and Practice of Mitanin's with respect to Malaria control in Chhattisgarh. Project Investigator
  - Monitoring the Efficacy of ACT for the treatment of uncomplicated *Plasmodium falciparum* malaria in India. Co-investigator
  - Low Density Parasitemia and its transmission potential (Submitted/not yet started) Project Investigator
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### Publication in peer-reviewed journals:

- **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 $\beta$  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. [PLoS One](https://doi.org/10.1371/journal.pone.0142869). 2015 Nov 16;10(11):e0142869. doi: 10.1371/journal.pone.0142869. eCollection 2015.

- **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: 13-08-2020  
Place: Raipur, CG

**Dr. R. Ranjha**