

## Brief Profile

<b>Name</b>	Dr.Richa Singhal
<b>Current Designation</b>	Scientist - C
<b>Research Discipline</b>	Biostatistics / Statistics
<b>Department / Division</b>	Epidemiology Division
<b>Date of joining the current post</b>	24.02.2023
<b>Date of joining ICMR</b>	24.02.2023
<b>Official E-mail ID</b>	richa.singhal@icmr.gov.in
<b>Educational Qualification</b>	Ph.D (Statistics), M.STAT (Master of Statistics)
<b>Research experience (in years):</b>	16 years
<b>Research Interest/Thrust Areas</b>	
Clinical Trials, Public health epidemiology, Biostatistics, Infectious disease modelling, Outbreak science	
<b>Number of projects handled as:</b>	
Principal Investigator – One (01)	
Co-Principal Investigator - NIL	
Co-investigator – Four (04)	
<b>Number of doctorate / post-doc students mentored</b>	
As Guide – One (01)	
As Co-guide - NIL	
<b>List of significant publications (Please give the details of the publications in APA format)</b>	
<ol style="list-style-type: none"><li>1. Saniya Chettiyam Kandy, <b>Richa Singhal</b>, Krishna Kumar V, Babita Yadav, Sophia Jameela, Sudhakar Deverakonda, Bhogavalli Chandra Sekhar Rao, Rakesh Kumar Rana, Narayanam Sreekanth, Rabinarayan Acharya - Knowledge, attitude and practices of ayurvedic medicine practitioners in Kerala towards millets and millet-based diet: a prospective cross-sectional online survey study: BMJ Nutrition, Prevention &amp; Health 2024; e000960.</li><li>2. B M S, H C V, <b>Singhal R</b>, Singh K, N SN, Tripathi PK, Singh P, Eapen A, Singh SP, Sinha DP, Malla WA, Gupta SK, Yadav CP, Singh P, Aggarwal CS, P Choudhary V, Sharma R, Jain T, Sharma A, Anvikar AR, Goel A, Rahi M. Community perspective and healthcare assessment in malaria endemic states of India: a cross-sectional study protocol. BMJ Open. 2024 Jul 4;14(7):e081856. doi: 10.1136/bmjopen-2023-081856. PMID: 38964800; PMCID: PMC11227780.</li><li>3. Chalageri VH, Marinaik SB, Nath SN, <b>Singhal R</b>, Rawat S, Ravikumar K, Shariff M, Eapen A. Malaria control - lessons learned from trends of Malaria indices over three decades in Karnataka, India. Malar J. 2023 Nov 17;22(1):353. doi: 10.1186/s12936-023-04774-1. PMID: 37978494; PMCID: PMC10655460.</li></ol>	

4. Singh H, Yadav B, Rai AK, Srivastava S, Saiprasad A, Jameela S, **Singhal R**, Muralidharan S, Mohan R, Chaudhary S, Rana R, Khanduri S, Sharma BS, Chandrasekhararao B, Srikanth N, Dhiman KS. Ashwagandha (*Withania somnifera*) and Shunthi (*Zingiber officinale*) in mild and moderate COVID-19: An open-label randomized controlled exploratory trial. *Complement Ther Med*. 2023 Sep;76:102966. doi: 10.1016/j.ctim.2023.102966. Epub 2023 Jul 22. PMID: 37482107.
5. Ram JB, Yadav B, Ashwathykutti V, Jameela S, Ahmad A, Thrigulla SR, Sharma S, Rana RK, **Singhal R**, Rao BC, Srikanth N, Dhiman KS. *Swasthya* Assessment Scale (SAS)-*Ayurveda* based health assessment tool-insights on its development and validation. *Ayu*. 2021 Oct-Dec;42(4):151-155. doi: 10.4103/ayu.ayu\_40\_21. Epub 2023 May 17. PMID: 37347084; PMCID: PMC10281245.
6. Srikanth N, Rao BC, Yadav B, Rai AK, Jameela S, Rana RK, **Singhal R**, Khanduri S, Sharma BS, Makhija P. *Dhatri Lauha* in the management of iron deficiency anemia: A prospective open-label single-arm multi-center trial. *Ayu*. 2021 Apr-Jun;42(2):69-75. doi: 10.4103/ayu.ayu\_379\_21. Epub 2023 Mar 16. PMID: 37153071; PMCID: PMC10158651.
7. Srikanth N, Kumar A, Chandrasekhararao B, **Singhal R**, Yadav B, Khanduri S, Jameela S, Rai AK, Tripathi A, Rana R, Ahmad A, Sharma BS, Jaiswal A, Kotecha R; State Level Collaborators. Disease Characteristics, Care-Seeking Behavior, and Outcomes Associated With the Use of AYUSH-64 in COVID-19 Patients in Home Isolation in India: A Community-Based Cross-Sectional Analysis. *Front Public Health*. 2022 Jul 6;10:904279. doi: 10.3389/fpubh.2022.904279. PMID: 35900336; PMCID: PMC9310753.
8. Singh H, Srivastava S, Yadav B, Rai AK, Jameela S, Muralidharan S, Mohan R, Chaudhary S, **Singhal R**, Rana R, Khanduri S, Sharma BS, Chandrasekhararao B, Srikanth N, Chaturvedi S. AYUSH-64 as an adjunct to standard care in mild to moderate COVID-19: An open-label randomized controlled trial in Chandigarh, India. *Complement Ther Med*. 2022 Jun;66:102814. doi: 10.1016/j.ctim.2022.102814. Epub 2022 Feb 8. PMID: 35149205; PMCID: PMC8824368.
9. Kataria S, Sharma P, Ram JP, Deswal V, Singh M, Rana R, **Singhal R**, Tripathi A, Kumar K, Trehan N. A pilot clinical study of an add-on Ayurvedic formulation containing *Tinospora cordifolia* and *Piper longum* in mild to moderate COVID-19. *J Ayurveda Integr Med*. 2022 Apr-Jun;13(2):100454. doi: 10.1016/j.jaim.2021.05.008. Epub 2021 Jun 10. PMID: 34127896; PMCID: PMC8189796.
10. Yadav B, Rai A, Mundada PS, **Singhal R**, Rao BCS, Rana R, Srikanth N. Safety and efficacy of Ayurvedic interventions and Yoga on long term effects of COVID-19: A structured summary of a study protocol for a randomized controlled trial. *Trials*. 2021 Jun 3;22(1):378. doi: 10.1186/s13063-021-05326-1. PMID: 34082792; PMCID: PMC8173507.
11. Srikanth N, Rana R, **Singhal R**, Jameela S, Singh R, Khanduri S, Tripathi A, Goel S, Chhatre L, Chandra A, Rao BCS, Dhiman KS. Mobile App-Reported Use of Traditional Medicine for Maintenance of Health in India During the COVID-19 Pandemic: Cross-sectional Questionnaire Study. *JMIRx Med*. 2021 May 7;2(2):e25703. doi: 10.2196/25703. PMID: 34032815; PMCID: PMC8110045.
12. Sharma R, Goyal A, Singh R, Khanduri S, Ota S, Goel S, Rana RK, **Singhal R**, Shahi VK, Srikanth N, Swasticharan L, Dhiman KS. Effect of Ayurveda intervention in the integrated management of essential hypertension- a retrospective observational study. *J Ayurveda Integr Med*. 2021 Jul-Sep;12(3):521-528. doi: 10.1016/j.jaim.2021.04.012. Epub 2021 Aug 4. PMID: 34362604; PMCID: PMC8377180.

13. Gundeti MS, Bhurke LW, Mundada PS, Murudkar S, Surve A, Sharma R, Mata S, Rana R, **Singhal R**, Vyas N, Khanduri S, Sharma BS, Srikanth N, Dhiman KS. AYUSH 64, a polyherbal Ayurvedic formulation in Influenza-like illness - Results of a pilot study. *J Ayurveda Integr Med.* 2022 Jan-Mar;13(1):100325. doi: 10.1016/j.jaim.2020.05.010. Epub 2020 May 14. PMID: 33446377; PMCID: PMC8718941.
14. Sharma R, Shahi VK, Khanduri S, Goyal A, Chaudhary S, Rana RK, **Singhal R**, Srikanth N, Dhiman KS. Effect of Ayurveda intervention, lifestyle modification and *Yoga* in prediabetic and type 2 diabetes under the National Programme for Prevention and Control of Cancer, Diabetes, Cardiovascular Diseases and Stroke (NPCDCS)-AYUSH integration project. *Ayu.* 2019 Jan-Mar;40(1):8-15. doi: 10.4103/ayu.AYU\_105\_19. PMID: 31831963; PMCID: PMC6892000.
15. Lamba CD, Gupta VK, van Haselen R, Rutten L, Mahajan N, Molla AM, **Singhal R**. Evaluation of the Modified Naranjo Criteria for Assessing Causal Attribution of Clinical Outcome to Homeopathic Intervention as Presented in Case Reports. *Homeopathy.* 2020 Nov;109(4):191-197. doi: 10.1055/s-0040-1701251. Epub 2020 Mar 25. Erratum in: *Homeopathy.* 2020 Nov;109(4):e1-e2. doi: 10.1055/s-0040-1715843. PMID: 32215892.
16. Sudhanshu A, Sharma U, Vadiraja HS, Rana RK, **Singhal R**. Impact of Yoga on Periodontal Disease and Stress Management. *Int J Yoga.* 2017 Sep-Dec;10(3):121-127. doi: 10.4103/0973-6131.213468. PMID: 29422742; PMCID: PMC5793006.
17. Singh V, Rana RK, **Singhal R**. Analysis of repeated measurement data in the clinical trials. *J Ayurveda Integr Med.* 2013 Apr;4(2):77-81. doi: 10.4103/0975-9476.113872. PMID: 23930038; PMCID: PMC3737450.

#### **Achievements/Awards/Additional Information**

**Signature**