

LIST OF RESEARCH PUBLICATIONS

1. Raches Ella, Siddarth Reddy, William Blackwelder, VarshaPotdar, Pragya Yadav, Vamshi Sarangi, Vinay K Aileni, Suman Kanungo, Sanjay Rai, Prabhakar Reddy, Savita Verma, Chandramani Singh, SagarRedkar, SatyajitMohapatra, Anil Pandey, PajanivelRanganadin, **RaghavendraGumashta**, Manish Multani, Shameem Mohammad, Parul Bhatt, LaxmiKumari, GajananSapkal, Nivedita Gupta, Priya Abraham, Samiran Panda, Sai Prasad, Balram Bhargava, Krishna Ella, Krishna Mohan Vadrevu, on behalf of the COVAXIN Study Group*Efficacy, safety and lot to lot immunogenicity of an inactivated SARS-CoV-2 vaccine (BBV152): interim results of a double-blind, randomized, controlled phase 3 trial. The Lancet. 2021. 398(10317);2173-2184.[https://doi.org/10.1016/s0140-6736\(21\)02000-6](https://doi.org/10.1016/s0140-6736(21)02000-6)
Impact Factor: 79.321
2. Gumashta J, **Gumashta R**. COVID19 associated mucormycosis: Is GRP78 a possible link? J Infect Public Health. 2021;14(10):1351-1357.DOI: <https://doi.org/10.1016/j.jiph.2021.09.004> **Impact Factor: 3.718**
3. Jain R,Jain A, Rawat N, Nair M, **Gumashta R**. Feather hydrolysate from Streptomyces sampsonii GS 1322: A potential low-cost soil amendment. J BiosciBioeng. 2016;121(6):672-677_<https://doi.org/10.1016/j.jbiosc.2015.11.003>
Impact Factor 2.894 (2020)
4. Joshi M, **Gumashta R**. Weekly iron folate supplementation in adolescent girls – An effective nutritional measure for the management of iron deficiency anaemia. Glob J Health Sci. 2013;5(3):188-194.DOI: <https://doi.org/10.5539/gjhs.v5n3p188>
5. **Gumashta R**, Bijlwan A. Public health threat assessment of vehicular load index-induced urban air pollution indices near traffic intersections in central India. Cureus. 2020;12(10):e11142. DOI 10.7759/cureus.11142.
6. Gumashta J, **Gumashta R**. Role of the backbenchers of the Renin-Angiotensin System ACE2 and AT2 receptors in Covid-19: Lessons from SARS. Cureus. 12(6):e8411. DOI 10.7759/cureus.8411
7. Jain R, **Gumashta R**, Pandey A, Jain A. Exploring biodiversity for prevention and control of cancer and other noncommunicable diseases using indigenous environmental resources: An interdisciplinary research. J K Science. 2020; 22(3);122-128.
8. Garg S, **Gumashta R**. Spectrum of Behavioral Disorders Among Children aged 5 – 15 years in Tertiary Care Hospital. J K Science. 2020;22(1):41-45
9. **Gumashta R**, Upadhyaya VM. A comprehensive review of studies emphasizing the role of microbicide through modifications in body chemistry for the prevention of new HIV infection, Res J Chem Environ. 2011;15(2):759-767.
[Impact Factor: **0.379 for publication year 2011**]
10. **Gumashta R**, Jain R, Pandey A, Tiwari P, Jain A. Applicability of Native L-Arginase produced by Streptomyces plicatus KAR73 as Antineoplastic Agent. J SciInd Res. 2021; 80(10), 2841-849. <http://nopr.res.in/handle/123456789/58234>
Impact Factor: 1.056

11. **Gumashta R**, Joshi Mohan P, Gumashta J. Modernized Interactive Learning among Medical Students through e Query Unit: An Innovative Approach. *Int J Sci Res*. 2018;07:62-64. <https://www.doi.org/10.36106/ijsr>
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14. Jain R, **Gumashta R**, Gumashta J, Pandey A, Jain A. Entrapment of L-Arginase in alginate beads: A promising way forward as anticancer agent. *PJSR*. 2018;11(2):59-63
15. **Gumashta R**, Jain R. Antimicrobial and antibiofilm activity of L-arginase produced by *Streptomyces* sp. HAB 228. *PJSR*. 2020;13(2):23-27.
16. Gumashta J, **Gumashta R**. Acute urinary retention and gastroparesis due to self-medication in an elderly male. *Int J Res Med Sci*. 2020;8(6):2336-2338.
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