

Curriculum Vitae

Dr Amit Singh

Professor,

Department of Microbiology, UPUMS, Saifai, U.P

MBBS : Patliputra Medical College & Hospital, Dhanbad, Jharkhand.

MD (Microbiology): Institute of Medical Science, Banaras Hindu University, Varanasi, U.P

Joined the Institute on 23-02-2010 as an Assistant Professor

Publications and Research scores

Total number of articles Published/ Accepted	29
No. of PubMed indexed/DOAJ articles Published/ Accepted	06/ 04
Total no. of publications as Prof (Jr. Gr.)	17 (6 PubMed)
Google Scholar h-index	05
Google Scholar i10-index	2
Number of citations (Google scholar)	70

Awards

- Certificate of Appreciation for Dedicated services during the Challenge of COVID-19 Pandemic, as a COVID Warrior from Honorable Vice Chancellor, UPUMS, Saifai, Etawah U.P.
- Covid Warrior award from Medical Wing, Brahma Kumari, Ishwariya Vishwa Vidyalaya.

Project

- **Intramural project:** Effect of 0.5% Povidone Iodine on the oropharyngeal/Nasopharyngeal samples of COVID-19 patients: A double blind placebo controlled trial. **CTRI Registration no:** CTRI/2020/11/029063
- **Principal Investigator: Dr. Amit Singh;** Co-Investigators- Dr N P Singh, Dr Ramakant Yadav, Dr Raj Kumar, Dr Pranav Sharma, Dr Nilima Takhelchangbam
- **Extramural project:**
 - TB C&DST laboratory & Line Probe Assay established under the aegis of NTEP, MoH&FW, CTD, New Delhi
 - ICTC established under the NACO, MoH&FW, GOI, New Delhi for laboratory diagnosis of HIV/AIDS.

Achievements

- Established the Line Probe Assay Lab for molecular detection of M. tuberculosis and got it accredited by NRL (ICMR-NJIL&OMD, Agra) for performing DRT for Isoniazid & Rifampicin.
- Established BSL-3 TB Containment Laboratory.
- **Member of Editorial Team** of Journal of Applied Sciences and Clinical Practice (JASCP) - Official publication of Institute of Family Medicine and Primary Care, is a peer-reviewed journal.
- **Section Editor** of Central India Journal of Medical Research (CIJMR)- A tri-annual peer reviewed journal.
- **Guest Speaker** for Workshop on “Neglected Tropical Diseases 2021” organized by Department of Community Medicine, UPUMS, Saifai, Etawah on 16th September 2021.

Areas of Interest

- Molecular detection of resistance genes in Mycobacteria.
- Infection control
- Antimicrobial Stewardship program

Assigned work in Department

- **Line Probe Assay lab:** Certified by Central TB Division, MOH&FW, GOI for commencement of 1st Line DRT of INH & RIF (valid from Nov 2021-Oct 2023).
- **Faculty In-charge of Integrated Counseling and Testing Center (ICTC)**
- Lab diagnosis of HIV infection using NACO strategies.

Institutional Charges & Additional Responsibilities
• Nodal Officer – TB C&DST, CBNAAT and LPA Labs (NTEP)
• Nodal Officer – ICTC (NACO)
• Chief Warden
• Member Institutional Core Committee of NTEP
• Member of Institute Animal Ethical Committee
• Assistant Center Superintendent for MBBS & MD examinations

Extra Institutional Roles

- Conducted assessment of over 12 institutes as NMC assessor for UG & PG courses.
- External Examiner for UG, PG and PhD examinations at different universities.

Vision for Future/ Special Interest

- Accreditation/ Certification from CTD, New Delhi
 - TB C& DST lab
 - LPA lab to perform 2nd Line DST
- Detection of LTBI cases by IGRAs.

LIST OF PUBLICATIONS

1. Kanti V, Seth S, Gupta S, Verma V, Singh A, Maurya G, Kumar A. Comparison of the Efficacy of the Cartridge-Based Nucleic Amplification (CBNAAT)/Xpert Test and Histology of Genital Tissues in Diagnosing Female Genital Tuberculosis. *Cureus* 2021;13 (5):e15000 (PMID: 34131541)
2. Yadav RK , Kumar D, Singh A, Ziauddin M, Singh DK. Clinical and microbial spectrum of communityacquired pneumonia in children of north India. *Tropical Doctor* 2021; 51 (1): 71-7. (PMID: 33236693).
3. Khurana N, Verma RK, Singh DP, **Singh A** et al. Effectiveness of pool testing of Covid-19 suspect in a resource limited country. *Int J Med Sci Cur Res* 2021;4(2): 86-90.
4. Kumar R, Yadav R, Shukla U, Singh NP, Yadav SK, Kumar S, Kumar M, **Singh A**. Therapeutic response of ayurvedic preparation Raj Nirvan Bati on severe Covid-19 patients: A double - blind randomized placebo controlled clinical trial. *Annals Ayurvedic Med.* 2021; 10 (3): 231-43.

5. Verma RK, Kannaujia S, Khurana N, **Singh A**, Singh DP, Kumar A. Clinical correlation of severe acute respiratory syndrome-coronavirus-2 cases in selected districts of Uttar Pradesh: A cross-sectional hospitalbased study. *J Edu Health Promot* 2020;9:357.
6. Verma R K, Singh D P, Kumar R, **Singh A**: Novel Coronavirus Disease (COVID-19): A comprehensive Review. *Int J Med Sci and Adv Clin Res* 2020: 3(2); 214-222.
7. Yadav RK, Kumar D, Yadav YS, Singh DK, **Singh A**, K Chand. Cartridge Based Nucleic Acid Amplification Test: Utility as Diagnostic Modality in Clinically Diagnosed Childhood Tuberculosis. *Journal of Clinical & Diagnostic Research* 2020; 14 (8):SC01-SC04.
8. Singh A, Kumar R, Singh NP, Ramakant R, **Singh A**. Demographic profile of subjects undergoing Real Time PCR test from SARSCoV-2 at a single centre in North India during 3 weeks lockdown period: An analytical study and optimal strategy ahead. *Int J Sci Res* 2020; 9(7): 1-4.
9. Gupta VK, Singh A, Pathak A, Gahlot M. In-vitro antibacterial study of *Cassia glauca* Lam. leaves extract on selected bacterial strains. *Int J Med Sci Curr Res* 2020; 3(3): 394-400.
10. **Singh A**, Dayal S. Analysis, comparison, and significance of nested polymerase chain reaction with conventional methods for the diagnosis of pulmonary and extrapulmonary tuberculosis among the rural population of North India. *CHRISMED J Health Res* 2019; 6(3):146-9.
11. Sinha S, **Singh A**, Verma RK, Singh DP, Kumari S. Prevalence of metallo-beta-lactamases (MBLS) producing *Pseudomonas aeruginosa* in hospitalized patients in rural tertiary care hospital in Uttar Pradesh, India. *Int J of Res Med Sci* 2018; 6 (9):3099-3104.
12. Pandey R, **Singh A**, Singh DP, Verma RK, Kumar D. Scenario of mycobacterial and fungal infection in HIV seropositive patients and their co-relation with CD4 count in Western Uttar Pradesh. *Int J of Res Med Sci* 2018 ; 6(7):2473-81.
13. Kumar D, Verma RK, **Singh A**, Kumar M, Singh DP, Pandey R et al Evaluation of NS1, IgM ELISA and RT-PCR in diagnosis of dengue fever. *Int J Res Med Sci* 2018; 6(7): 2440-3.
14. Jaiswal S, **Singh A**, Verma RK, Singh DP, Kumari S. Characterization, speciation and antimicrobial resistance pattern of *Enterococcus* species isolated from clinical specimens at a rural tertiary care hospital. *Int J Res Med Sci* 2017; 5(8): 3484-7.
15. Saini D, **Singh A**, Kumar A, Rawat R, Verma RK, Singh DP. Comparison of BACTEC MGIT with conventional methods for detection of mycobacteria in clinically suspected patients of extra pulmonary tuberculosis in a tertiary care hospital. *Int J Res Med Sci* 2017;5:3530-3.
16. Singh, R; Verma, RK; Kumari, S; **Singh, A**; Singh, DP. Rapid identification and susceptibility pattern of various *Candida* isolates from different clinical specimens in a tertiary care hospital in Western Uttar Pradesh. *Int J Res Med Sci* 2017; 5(8): 3466-8.
17. Dayal S, **Singh A**. Spectrum of HBV, HCV and HIV Virus Serological Markers, Clinical Characters and their Correlation with Risk Factors in Pregnant Women Benefited by Janani Sureksha Yojana among Rural Population of North India. *Asian J Pharm Health Sci* 2016; 6(4): 1575-8.
18. Singh DP, Verma RK, **Singh A**, Kumari S and Siddique ME: A Retrospective Study of Malaria from Western Part of Uttar Pradesh, India. *Int J Pharm Sci Res* 2016; 7(8): 3493-6.
19. Pathak A, Gupta VK, Maurya A, Kumar A, **Singh A**. Assessment of drug prescribing pattern using WHO indicators in hospitalized patients at a tertiary care teaching hospital in rural area of India. *Int J Basic Clin Pharmacol* 2016 ; 5 (3) :651-5.
20. Dayal S, **Singh A**, Chaturvedi V, Krishna M, Gupta V. Pattern of pelvic inflammatory disease in women who attended the tertiary care hospital among the rural population of North India. *Muller J Med Sci Res* 2016;7:100-4.
21. **Singh A**, Yadav RK, Dayal S, Shukla KM, Siddiqe ME. Evaluation of Nested PCR for Rapid Diagnosis of Pediatric Tuberculous Meningitis. *Nat J Lab Med*. 2016; 5(3): MO05-MO10

22. Dayal S, Singh A, Chaturvedi V, Pathak A, Gupta V, Jaiswal S. Seroprevalence and related risk factors for HBsAg, Anti HCV, Anti HIV antibody among pregnant women of rural India. *ACCLM* 2015; 1(2):3-7.
23. Singh DP, Verma RK, Singh A, Kumar Saurabh, Mishra V, Mishra M. Retrospective study of fungal corneal ulcer from the western part of Uttar Pradesh. *Int J Res Med Sci* 2015; 3(4): 880-2.
24. Singh A, Kanti V, Dayal S, Shukla SK, Mishra N. Prevalence and risk factors of bacterial vaginosis among women of reproductive age attending rural tertiary care institute of western Uttar Pradesh. *J Evolution Med Dent Sci* 2016; 5(43):2695-701.
25. Yadav RK, Singh MV, Singh DK, Shukla KM, Kaushik A, Chaturvedi V, Sharma IK, Singh A. Comparative study of RDTs v/s Microscopy for the diagnosis of malaria in children. *J Evolution Med Dent Sci* 2014; 3(22):61