

Curriculum vitae

Personal Details:

Dr. Sweta Singh

Assistant Professor

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Qualifications:

Qualifications	Institute
MBBS	UPUMS, Saifai, Etawah (former; Rims &R)
MD	King George's Medical college (KGMC)

Research Publications:

- Total No. of Publications in indexed journals : **18**
- Original articles – 10
- Case reports -5 ; Case series -1; Review article -1
- Book chapter -1
- No. of Publications as first author- 11
- No. of publications as corresponding author- 7

Original Articles:

1. Singh S, Banerjee G, Agarwal J, Kumar V, Usman K. Spectrum of microbiota in diabetic foot infections in a teaching hospital of Uttar Pradesh. *Int J Med Sci Public Health* 2018;7(9):741-747.
2. Singh S, Sahu C, Patel SS, Singh A, Yaduvanshi N.A Comparative *In Vitro* Sensitivity Study of “Ceftriaxone–Sulbactam–EDTA” and Various Antibiotics against Gram-negative Bacterial Isolates from Intensive Care Unit. *Indian J Crit Care Med* 2020;24(12):1213–1217.
3. Patel SS, Singh S, Sahu C, V Hemant. Seroprevalence Trends of Leptospirosis at a Tertiary Care Centre of North India from 2016-2019 Determined by Two Commercial Elisa Kits. *J Pure Appl Microbiol* 2020;14 (2).
4. Singh S, Sahu C, Singh Patel S, Singh S, Ghoshal U. Clinical profile, susceptibility patterns, speciation and follow up of infections by *Elizabethkingia* species: study on a rare nosocomial pathogen from an intensive care unit of north India. *New Microbes New Infect.* 2020 Oct 28;38:100798. doi: 10.1016/j.nmni.2020.100798. PMID: 33294193; PMCID: PMC7689178.
5. Patel SS, Singh S, Sahu C, Ghoshal U, Verma H. A three year Seroepidemiological and molecular study of Epstein –Barr virus infection among different age groups with

hematological malignancies in a Tertiary care centre of North India (2017 -2019). J Family Med Prim Care 2021;10:373-7.

6. Singh S, Patel SS, Sahu C, Ghoshal U. Seroprevalence trends of Scrub typhus among the febrile patients of Northern India: A prospective cross-sectional study. J Family Med Prim Care 2021;10:2552-7.
7. Patel SS, Yaduvanshi N, Sahu C, Singh S, Agarwal A, Ghoshal U. Epidemiology, Antimicrobial susceptibility patterns and outcomes of bacteremia in an Apex trauma center of a tertiary health care institute with special reference to Methicillin Resistant Staphylococcus aureus (MRSA): A Prospective Cohort study. Int J Med ScCurr Res 2021;4(2):435-443
8. Sahu C, Singh S, Patel SS, Yaduvanshi N, Singh S, Ghoshal U. Susceptibility Profile and Clinical Response of Fosfomycin and Other Antibiotics against Multidrug Resistant Gram Negative Urinary Isolates: A Cross-sectional Study. J Clin of Diagn Res. 2022; 16(3):DC 31 DC35.
9. Sahu C, Singh S, Pathak A, Singh S, Patel SS, Ghoshal U, *et al.* Bacterial coinfections in COVID: Prevalence, antibiotic sensitivity patterns and clinical outcomes from a tertiary institute of Northern India. J Family Med Prim Care 2022. doi: 103/jfmprc.jfmprc_41_22
10. Sahu C, Singh S, Pathak A, Patel SS, Ghoshal U, Singh US, *etal.* Trends of drug resistance to the commonly used antibiotics to combat COVID-19 pandemic: Experience from a super-speciality institute of Northern India. J Family Med Prim Care 2022. doi: 10.4103/jfmprc.jfmprc_548_22

Review Articles:

11. Sahu C, Singh S, Kumar A, Patel SS. Past and Present of Antibiotics against Drug resistant Gram negative pathogens – A Detailed overview of their Mechanism of Action, Spectrum and Indications. Int J Med ScCurr Res 2020;3(4) :653-663

Case Series:

12. Singh S, Sahu C, Patel SS. Rare and Under Reported Causes of Bacteremia: Case Series from a Tertiary Health Care Centre of Northern India. J Clin of Diagn Res. 2020; 14(7):DR01 DR04. <https://www.doi.org/10.7860/JCDR/2020/44536/13818>

Case Reports:

13. Singh S, Singh US. Solitary Cysticercosis of Temporalis Muscle: A Rare and challenging Diagnosis. J Clin of Diagn Res. 2020; 14(10):DD01- DD03. <https://www.doi.org/10.7860/JCDR/2020/45817/14114>
14. Singh S, Singh US. A Rare Case Report of Septic Embolism and Infective Endocarditis due to Nocardia farcinia from North India. *Indian Journal of Clinical Cardiology.* 2021;2(2):86-89. doi:[10.1177/2632463620960549](https://doi.org/10.1177/2632463620960549)

15. Singh S, Sahu C, Patel SS, Garg A, Ghoshal U. Pandoraeaapista Bacteremia in a COVID-Positive Man: A Rare Coinfection Case Report from North India. J Lab Physicians. 2021 Jun;13(2):192-194. doi: 10.1055/s-0041-1730847. Epub 2021 Jun 28. PMID: 34483568; PMCID: PMC8409125.
16. Singh S, Singh US. A Rare Case report of Coinfection with Hymenolepis nana and Giardia lamblia in a patient of Pachydermoperiostosis/acromegaly from India. Int J Med ScCurr Res 2020;3(4) :653-663. Int J Med ScAdv Clinical Res 2021 ; 4(4) :85-90.
17. Singh S, Singh US. Coinfection with Strongyloides and Ascaris in a COVID-19-positive male presenting with acute abdomen: a case report. Future Microbiol. 2022 Jul 28;10.2217/fmb-2022-0027. doi: 10.2217/fmb-2022-0027. Epub ahead of print. PMID: 35899471; PMCID: PMC9332911.

Book Chapter:

18. An insight into the Clinical Profile, Treatment and Follow-up of Infections by a Rare Nosocomial Pathogen - “Elizabethkingia” species Sweta Singh *, Chinmoy Sahu, Sangram Singh Patel and Ujjala Ghoshal Current Practice in Medical Science Vol. 10 DOI: 10.9734/bpi/cpms/v10/3512A

Awards / Memberships:

Received “Prof. A. Ayyagari Junior scientist” best paper award in the field of antibiotic resistance at UP-UK Microcon held at AIIMS, Rishikesh.	2021
Awarded first prize in a Quiz competition held by “ Infectious Disease Update 2016 ” held at Scientific convention center, KGMU, Lucknow	2016
Life time member of “Indian Academy of Tropical Parasitology (IATP)”.	2017
Life time member of “Indian Association of Medical Microbiologists (IAMM)”.	2017

Other Achievements:

Presented Oral paper at UP-UK microcon held at AIIMS, Rishikesh	2021
Presented Poster at UP-UK Microcon held at HIMS, Jolly Grant, Dehradun	2017
Presented Paper at MICROCON held at PGIMER, Chandigarh	2016
Presented Poster at CIDSCON held at BHU, Varanasi	2016
Attended ASM CME as delegate on “ Antibiotic Resistance : renewed fears” held at AIIMS, New Delhi	2016
Attended International Seminar on “Competency based Medical education” held at KGMU, Lucknow	2015

Experience in the current COVID pandemic:

- Have trained Healthcare workers and doctors in PPE donning, doffing and sample collection of COVID patients.
- Infection control and BMW waste management as well as training of the health care personnel working in the COVID lab
- Experience in proper sample collection, handling and PCR of COVID samples.
- Well acquainted with the COVID 19 reporting through RT PCR and True NAT techniques.

Vision for Future:

- To further expand the knowledge on Antibiotic resistance and test newer antibiotics and antibiotic combinations to combat MDR pathogens for better management of critically ill patients.
- To learn advanced molecular techniques and tests and establish it in my institute and use it for microbiological diagnosis and research.
- To expand my knowledge further in the field of Bacteriology, Virology and Mycology.