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Section of Microbiology

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SUMMARY:

Publication	19
Book Chapters	01
Contributions to reports, guidelines, and policy documents:	000

PUBLICATION:

Year 2024

1. Daptomycin MICs by Broth Microdilution Method Against *Staphylococcus aureus* in Clinical Specimens: A Cross-Sectional Study from Pakistan. **Zeeshan M**, Ahmed I, Irfan S, Khan MA, and Zafar A. *J Coll Physicians Surg Pak*. 2024 Jan;34(1):27-31. DOI: [10.29271/jcpsp.2024.01.27](https://doi.org/10.29271/jcpsp.2024.01.27).

Year 2023

2. Fluconazole-resistant *Candida parapsilosis* complex candidemia and analysis of mutations in the ERG11 gene from Pakistan. **Zeeshan M**, Memon S, Malick A, Naqvi SF, Farooqi J, Ghanchi NK, and Jabeen K. *Mycoses*. 2023 Nov 21. DOI: [10.1111/myc.13677](https://doi.org/10.1111/myc.13677).

Year 2022

3. External quality assessment (EQA) combined with on-site technical evaluation for capacity building in clinical microbiology laboratories in Pakistan. Saeed N, **Zeeshan M**, Saeed DK. et al. (2022). *Accreditation and Quality Assurance*. 2022; 27, 103–110. DOI: [10.1007/s00769-022-01495-x](https://doi.org/10.1007/s00769-022-01495-x).

Year 2021

4. Prevalence and risk factors associated with multi-drug resistant organisms (MDRO) carriage among pediatric patients at the time of admission in a tertiary care hospital of a developing country. A cross-sectional study. Qureshi S, Maria N, **Zeeshan M**, Irfan S, Qamar FN. *BMC Infect Dis*. 2021 Jun 9;21(1):547. doi: [10.1186/s12879-021-06275-5](https://doi.org/10.1186/s12879-021-06275-5). <https://pubmed.ncbi.nlm.nih.gov/34107903/>.
5. Extra intestinal Seeding of *Salmonella enterica* Serotype Typhi, Pakistan. Irfan S, **Zeeshan M**, Rattani S, Farooqi J, Shakoor S, Hasan R, Zafar A. (Dispatch) *Emerg Infect Dis*. 2021 Mar;27(3):936-938. doi: [10.3201/eid2703.200464](https://doi.org/10.3201/eid2703.200464). <https://pubmed.ncbi.nlm.nih.gov/33622478/>.

Year 2020

6. Efforts to improve diagnosis of bacteraemia by reducing blood culture contamination in an emergency department: strategies and outcome. Shaheen N, **Zeeshan M**, Fasih N, Farooqi J, Jabeen K, Irfan S. (Research article). J Pak Med Assoc. 2020 May;70(5):835-839. [doi: 10.5455/JPMA.12462](https://doi.org/10.5455/JPMA.12462).
7. Polymicrobial Cerebral Abscess in a Child with Uncorrected Tetralogy of Fallot. Shafquat Y, **Zeeshan M**, Chandio S, Mumtaz Z. (Case report) J Pak Med Assoc. 2019;69: 1382-1383. <https://pubmed.ncbi.nlm.nih.gov/32400737/>.
8. Validation and impact of the use of automated urine culture streak system in a diagnostic laboratory on surveillance of catheter-associated urinary tract infections at a tertiary care setting. **Zeeshan M**, Farooqi J, Chandio S, Rafiq Z, Roshan R, Irfan S. (Original article) Biomedical and Biotechnology Research Journal. 2019; 3(3). <https://www.bmbtrj.org/article.asp?issn=25889834;year=2019;volume=3;issue=3;spage=202;epage=205;aulast=Zeeshan>.

Year 2018

9. Primary hyperoxaluria in populations of Pakistan origin: results from a literature review and two major registries. Talati JJ, Hulton SA, Sander F Garrelfs, Aziz W, Rao S, Memon A, Nazir Z, Raziuddin Biyabani R, Qazi S, Azam I, Khan AH, Ahmed J, Jafri L, **Zeeshan M**. Urolithiasis. 2018 Apr;46(2):187-195. [doi: 10.1007/s00240-017-0996-8](https://doi.org/10.1007/s00240-017-0996-8). <https://pubmed.ncbi.nlm.nih.gov/28660284/>.
10. Clinical spectrums of Salmonella Bacteriuria in Renal Transplant Recipients. Naqvi F, **Zeeshan M**. (Original article) Infect Dis J Pak. 2018; 27: 11-13.

Year 2017

11. Readiness for antimicrobial resistance (AMR) surveillance in Pakistan; a model for laboratory strengthening. Saeed DK; Hasan R, Naim M, Zafar A, Khan E, Jabeen K, Irfan S, Ahmed I, **Zeeshan M**, Wajidali Z, Farooqi J, Shakoor S, Chagla A, Rao J. (Research article) Antimicrob Resist Infect Control. 2017 Sep 29; 6:101. [doi: 10.1186/s13756-017-0260-6](https://doi.org/10.1186/s13756-017-0260-6). <https://pubmed.ncbi.nlm.nih.gov/29021895/>.

Year 2013

12. Pathogens causing Bacteremia in Patients with Urinary Tract Infection in Urology and Nephrology Unit of a Tertiary Care Hospital in Karachi, Pakistan. Baqai S, **Zeeshan M**, Hafeez S, Rizvi K, Kumari P. (Original article) Infect Dis J Pak. 2013; 22:525-527.

Year 2012

13. Recurrent urinary tract infection by Burkholderia cepacia in a live related renal transplant recipient. **Zeeshan M**, Aziz T, Naqvi F. (Case report) J Pak Med Assoc. 2012; 62: 496-498. <https://pubmed.ncbi.nlm.nih.gov/22755318/>.

Year 2011

14. Use of Parasep filter fecal concentrator tubes for the detection of intestinal parasites in stool samples under routine conditions. **Zeeshan M**, Zafar A, Saeed Z, Irfan S, Sobani

ZA, Sadia Shakoor S, Beg MA. (Brief communication) Indian J Pathol Microbiol. Jan-Mar 2011;54(1):121-3. doi: [10.4103/0377-4929.77358](https://doi.org/10.4103/0377-4929.77358).
<https://pubmed.ncbi.nlm.nih.gov/21393892/>.

15. Comparison of Chromogenic Urinary Tract Infection Medium with Cysteine Lactose Electrolyte Deficient Media in a resource limited setting. Qaiser S, **Zeeshan M**, Jabeen K, Ahsan T, Zafar A. J Pak Med Assoc. 2011 Jul;61(7):632-5.
<https://pubmed.ncbi.nlm.nih.gov/22204234/>.
16. Chronic necrotizing pulmonary Aspergillosis in renal transplant patients. Nasim A, Baqi S, **Zeeshan M**, Aziz A. (Case report) J Pak Med Assoc. 2011; 61: 1242-1244.
<https://www.jpma.org.pk/PdfDownload/3198>.

Year 2009

17. Brachyspira species blood stream infections. **Zeeshan M**, Irfan S, Ahmed I. (Case report) J Pak Med Assoc. 2009 Oct;59(10):7234. <https://pubmed.ncbi.nlm.nih.gov/19813693/>.

Year 2007

18. Immune response after hepatitis vaccination in health care worker in tertiary care hospital in Pakistan. **Zeeshan M**, Jabeen K, Ali ANA, Ali AW, Farooqui SZ, Mehraj V, Zafar A. (Research article) BMC 2007 Oct 25; 7:120. doi: 10.1186/1471-2334-7-120.
<https://pubmed.ncbi.nlm.nih.gov/17961205/>.
19. Comparison of different phenotypic methods of detection of methicillin resistance in *S. aureus* with the molecular detection of *mec-A* gen. **Zeeshan M**, Jabeen K, Khan E, Seema Irfan S, Ibrahim S, Parween Z, Zafar A. (Research article) J Coll Physicians Sur Pak. 2007 Nov;17(11):666-70. <https://pubmed.ncbi.nlm.nih.gov/18070573/>.

Book Chapter:

1. "Fungal media and culture", Practical Guide and Atlas for the Diagnosis of Fungal Infection ISBN 978-969-8073-34-3.