

## CURRICULUM VITAE

# CONSULTANT MICROBIOLOGY

Current Appointment: Assistant Professor Microbiology & Consultant Microbiologist College of medicine, Majmaah University, AlMajmaah, KSA

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Date of birth: 20<sup>th</sup> March 1969

Nationality: Pakistan



## EDUCATION

<b>FCPS (Microbiology):</b> College of Physicians & Surgeons Pakistan, Karachi	2005
<b>MCPS (Pathology):</b> College of Physicians & Surgeons Pakistan, Karachi	2000
<b>MBBS:</b> Army Medical College, Quaid-e-Azam University, Islamabad, Pakistan	1994

## WORK EXPERIENCE, RESPONSIBILITIES & ACHIEVEMENTS

• <b>Assist. Prof. Microbiology &amp; Consultant Microbiologist</b> at College of Medicine, Majmaah University & allied King Khalid hospital Al Majmaah, KSA	Oct 2012 to date
• <b>Assist. Prof. Microbiology &amp; Consultant Microbiologist</b> at Islam Medical & Dental College, Sialkot, Pakistan & Allied Islam Teaching Hospital	Oct 2011- Oct 2012
• <b>Consultant Microbiologist</b> Military Hospital Sialkot, Pakistan	Sep 2008 -Jul 2011
• <b>Consultant Microbiologist</b> Military Hospital DI Khan, Pakistan	Aug 2005 -Aug 2008
• <b>Registrar Microbiology</b> , Pakistan Navy Hospital Islamabad, Pakistan	Apr 2004-Aug 2005
• <b>Registrar Microbiology</b> , Armed Forces Institute of Pathology Rawalpindi Pakistan	Mar 2002-Apr 2004
• <b>Registrar Pathology</b> Pakistan Navy Hospital Islamabad, Pakistan	Jun 2001-Feb 2002
• <b>Registrar Pathology</b> Field Hospital Skardu, Pakistan	Apr 1999-May 2001
• <b>Senior Resident in Microbiology</b> Armed Forces Institute of Pathology Rawalpindi Pakistan	Jan 1998-Jan 1999
• <b>Junior Resident in Hematology, Chemical Pathology, Histopathology</b> at Armed Forces Institute of Pathology Rawalpindi Pakistan	Jan 1997-Jan 1998

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| • <b>Medical Officer</b> Field Medical Unit, Pakistan      | Jul 1995-Dec 1996 |
| • <b>House Officer</b> Military Hospital Kharian, Pakistan | May 1994-Jun 1995 |

• **Responsibilities and achievements included:**

- Teaching microbiology subjects to undergraduate medical students in an integrated curriculum by Problem-based learning, lectures, practical, clinical skills, hospital visits, etc.
- Coordinated the block and longitudinal courses of Nutrition, GIT, & metabolism Ethics and Professionalism for six consecutive years
- Reviewed the whole syllabus of the College of Medicine, as in charge of the Syllabus Review Team in 2016
- Supervision of students' research projects and helping in the publication of their articles in reputed national and international journals
- Plan and coordinate the curriculum committee meetings agendas as coordinator of the curriculum committee and ensure the incorporation of the decisions for completing the quality loop
- Supervision and advisory role for the improvement of the laboratories of the College of Medicine for the accreditation procedure
- Author of a book titled "MCQs in Medical Microbiology" for undergraduate students in the subjects of microbiology.
- Member of Problem-based learning (PBL) committee at the College of Medicine Majmaah University, to improve quality of various learning strategies
- Interpreting C/S reports of bacteria of hazard risk groups 1, 2, & 3 on Microscan at King Khalid Hospital AlMajmaah.
- Performing & interpreting fungal C/S using Etest & broth microdilution method
- Interpreting AFB C/S on BACTEC/ MGIT
- Diagnosing parasites by microscopy & serology
- Processing & interpreting serological & molecular tests (Agglutination, ELISA, PCR)
- Interaction with clinicians during rounds & advise antimicrobial prescription in infective conditions
- Implementing infection control guidelines in the hospital setting

## **PUBLICATIONS**

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### *Theses*

- **Pattern of systemic fungal infections and antimicrobial susceptibility of fungal isolates in cancer patients**

### *Journal Publications*

- **Educational Paradigms in Islamic Medical History: A Review. Journal of Pharmacy and Bioallied Sciences 16(Suppl 1):p S56-S59, February 2024.**
- **Sensitivity Profile of Fosfomycin, Nitrofurantoin, and Co-trimoxazole Against Uropathogens Isolated From UTI Cases in a Secondary Care Center, KSA. Cureus. 2024 Feb 11;16(2):e53999. doi: 10.7759/cureus.53999.**
- **The etymology of microbial nomenclature and the diseases these cause in a historical**

perspective. *Saudi Journal of Biological Sciences*. Volume 29, Issue 11, November 2022, 103454

- **Management Of A Candida Auris Outbreak In A Secondary Care Hospital Setting In Saudi Arabia; An Outbreak Report.** *J Ayub Med Coll Abbottabad*. 2022 Jul-Sep;34(Suppl 1)(3):S711-S713. doi: 10.55519/JAMC-03-S1-9274
- **Recurrent Urinary Tract Infection in a Renal Transplant Patient by Pan-resistant Myroides Spp.** *J Coll Physicians Surg Pak*. 2022 Apr;32(4):S34-S36. doi: 10.29271/jcpsp.2022.
- **Use of online resources by undergraduate medical students at College of Medicine, Majmaah University, Kingdom of Saudi Arabia.** *PLoS One*. 2021 Aug 4;16(8):e0255635. doi: 10.1371/journal.pone.0255635.
- **Awareness and practice of physical activity among male medical undergraduates at Majmaah University, Saudi Arabia:** *Pakistan Armed Forces Medical Journal*;2021/10/31
- **Efficacy of newer modalities in the management of indirect hyperbilirubinemia at a secondary care hospital: A prospective study from 2015-2018.** *JPMA* Vol. 70, No. 10, October 2020
- **Update on the resistance pattern of common multidrug resistant pathogens to the common end resort antibiotics.** *Rawal Medical Journal*. 2020;45(3):737-46.
- **Brucellosis among clinically suspected patients attending a general hospital in Majmaah, Saudi Arabia.** *Professional Med J*;Vol 25 No 12 (2018): 1828-1832.
- **Prevalence & Perception of CAM Usage in Majmaah, Kingdom of Saudi Arabia.** *Majmaah Journal of Health Sciences*. 2018;6(2):50-61
- **Perceived stress among male medical undergraduates at College of Medicine, Majmaah, Saudi Arabia.** *IJA RIIE* 2015-ISSN(O)-2395-4396. Vol-1 Issue-5
- **Seroprevalence and associated risk factors of viral Hepatitis B & C in a cohort of adult males in north-eastern Punjab.** *Pakistan J Pathol* 2016 Aug 3;24(1).
- **Pathology of high altitude pulmonary edema: an autopsy study.** *Pak Armed Forces Med J* 2014; 64 (2): 308-14.
- **Comparison of Mutagel HFE and polymerase chain reaction-restriction fragment length polymorphism (PCR-RFLP) for the investigation of C282Y and H63D point mutation in the HFE gene.** *KMUJ* 2013, 30;5(2).
- **End of treatment response in chronic hepatitis C patients treated with interferon-alpha and ribavirin.** *J Coll Physicians Surg Pak*. 2013 Oct;23(10):764-5.
- **An analysis of intestinal parasitic infestation in Dera Ismail Khan, Pakistan.** *J Ayub Med Coll Abbottabad*. 2012 Jan-Mar;24(1):123-4.
- **Hypokalemic paralysis in a young soldier with falciparum malaria treated with parenteral quinine.** *Pak Armed Forces Med J* 62 (3), 2012.
- **Brucella melitensis presenting as erythema nodosum-like lesions.** *J Coll Physicians Surg Pak* Dec 2009;19(12):794-5.
- **Pattern of systemic fungal infections and antimicrobial susceptibility of fungal isolates in cancer patients.** *Pak Armed Forces Med J*. Jun 2005;55(2):129-34.
- **Changing trends in drug resistance among typhoid salmonellae in Rawalpindi, Pakistan.** *East Mediterr Health J*. 2005 Sep-Nov;11(5-6):1038-44.

- **In vitro activity of ciprofloxacin and sparfloxacin against *Streptococcus pneumoniae*.** *Pakistan J Pathol* 2004; 15(1): 8-10.
- **Inactive HCV infection.** *Pakistan J Pathol* Jun 2002; 13(2): 4-6.
- **Cryptosporidiosis in a case of coeliac disease.** *Pak Armed Forces Med J* Mar 2005; 55(1): 84-5.
- **Treatment response in HCV related chronic hepatitis.** *J Coll Physicians Surg Pak.* 2004 Aug; 14(8): 466-9.
- **Frequency and antibiotic susceptibility pattern of mycobacterial isolates from extra-pulmonary tuberculosis cases.** *J Pak Med Assoc.* 2003 Aug; 53(8): 328-32.
- **Correlation of HBV DNA PCR and HBeAg in hepatitis B carriers.** *J Coll Physicians Surg Pak.* 2004 Jan; 14(1): 18-20.
- **An update on the diagnosis of tuberculosis.** *J Coll Physicians Surg Pak.* 2003 Dec; 13(12): 728-34
- **Multi-drug resistant tuberculosis in Northern Pakistan.** *J Pak Med Assoc.* 2004 Sep; 54(9): 469-72.
- **Rapid diagnosis of pulmonary tuberculosis by mycobacteriophage assay.** *Int J Tuberc Lung Dis.* 2004 Jul; 8(7):899-902.

#### ***Conference Paper Presentations***

- Paper presentation on "**Hypokalemic paralysis in a young soldier with falciparum malaria treated with parenteral quinine**" at Majmaah University KSA on 4th June 2013
- Paper presentation on "**Pattern of systemic fungal infections and antimicrobial susceptibility of fungal isolates in cancer patients**" in 1st National Conference on Infectious Diseases at Shifa International Hospital Islamabad, Pakistan held on 19-21 March 2004
- Paper presentation on "**Changing trends in drug resistance among typhoid salmonellae in Rawalpindi, Pakistan.**" In Joint Conference of College of physicians and Surgeons Pakistan & Bangladesh College of Physicians and surgeon at CPSP Karachi, Pakistan held on 7-9 March 2004

#### ***Poster Presentations***

- Poster presentation on "**An analysis of intestinal parasitic infestation in Dera Ismail Khan, Pakistan**" at first research day at Majmaah University KSA held on 4th June 2013

### **PROFESSIONAL TRAINING**

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#### **Attended the following Seminars / Workshops/ Symposium**

- Seminar on **Blood Transfusion** at AFIP Rawalpindi from 31st May 1997-1st Jun 1997
- First National Conference of Pakistan Society of Hematology at AFIP Rawalpindi on 4th October 1998.
- Symposium on "**Research Methodology and Medical Writing**" on 15th November at AFIP Rawalpindi.
- Workshop on "**Introduction to Computer and Internet Orientation**" from 31st July to 5th August 2000 at CPSP regional center Islamabad.

- 26th Annual Conference of Pakistan Association of Pathologists & 5th Annual Conference of Pakistan Society of Hematology from 13th to 15th December 2002 at Army Medical College Rawalpindi.
- Workshop on "**Research Methodology, Bio-statistics, and Dissertation Writing**" by WHO collaborating center for Research & Training in the educational development of Health personnel from 21st –24th August 2002 at CPSP regional center Islamabad.
- National Workshop on **Thalassemia** from 13th to 14th December 2003 at PC Rawalpindi.
- Workshop on **Medical Statistics** from 30th July to 31st July 2004 at AFIP Rawalpindi
- First National Conference on **Infectious Diseases** from 19-21 March 2004 at Shifa International Hospital Islamabad
- Workshop on "**Communication Skills**" by WHO collaborating center for Research & Training in the educational development of Health personnel from 12th to 14th February 2004 at CPSP Regional Center Islamabad.
- **1st Research Day** held at College of Medicine, Majmaah University KSA on Tuesday, 4th June 2013
- Conference on "**Immunization Day**" on 6 February 2016 at King Faisal Specialist Hospital & Research Center, Riyadh KSA.
- "**Injuries Symposium**" held on 4th & 5th May 2016 at Majmaah University, KSA.
- Conference on "**Diabetic Day**" held on 29th April 2017 at King Faisal Specialist Hospital & Research Center, Riyadh KSA
- 8th International Winter Course on **Problem-Based Learning in Medical Education** (Advanced Course Track 2) at Sulaiman Al Rajhi Colleges at AlBuqairiya, Qassim district, KSA from 13th to 15th February 2017.
- Conference on "**Advances in Kidney Transplantation**" at King Saud University, KSA held on 12-14 October 2017
- 10th International Winter Course on "**Taking education to the next decade**" at Sulaiman Al Rajhi Colleges at AlBuqairiya, Qassim district, KSA on 3-6 February 2019
- Symposium on "**Emergency Topics of Respiratory in Pediatric**" at King Khalid Hospital AlMajmaah, on 9 October 2019
- Online conference on "**Clinical Management of Severe Acute Respiratory Infection with Novel Coronavirus (COVID-19)**" on 16 April 2020
- "**COVID-19 international conference**" on 11 May 2020.
- Webinar on "**Becoming a Problem-Based Learning Online Facilitator**" on 2-3 December 2020

### **Certification**

- Certified **BLS Provider** (accredited by **Saudi Heart Association**)

### **PROFESSIONAL SERVICES**

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#### **Reviewer for:**

- Pakistan Armed Forces Medical Journal Rawalpindi Pakistan
- Majmaah Journal of Health Sciences, AlMajmaah KSA.

## LANGUAGES

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- **Urdu:** Native Language proficiency in Listening, Speaking, Reading, and Writing
- **English:** Advanced level proficiency in Listening, Speaking, Reading, and Writing
- **Arabic:** Basic level proficiency in Listening, Speaking, Reading, and Writing

## COMPUTER SKILLS

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Use of internet resources and ability to work in the Windows environment: including use of Microsoft Word, Excel, PowerPoint, and other commonly used computer programs.

## OTHER INTERESTS

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I am a hardworking person and believe in perseverance to achieve the goals in life. I am a practical person and like to work in a team in a hospital. Teaching is my passion, and writing is my ambition. I enjoy playing table, tennis, badminton, & cricket. I strongly believe and practice ethics & professionalism in my career.

## REFERENCES

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**Dr. Abid Mehmood,**  
Associate Professor of Microbiology  
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Professor of Microbiology  
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