

Dr. IhsanAli

Date of birth1st, March 1987

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Academic Qualifications:

2013-2018PhD (Doctor of Philosophy in Microbiology)
Quaid-i-Azam University Islamabad, Pakistan

2011-2013M. Phil (Master of Philosophy in Microbiology)
Quaid-i-Azam University Islamabad, Pakistan

2009-2011Master of Sciences (Microbiology)
FUUAST Karachi, Pakistan

2006-2008Bachelor of Sciences(Medical Laboratory Technology)
University of Karachi, Pakistan

2003-2005F.ScPre Medical
BISESwat

Professional Experience:

15th October,2020 -To date **Assistant Professor**
Institute of Paramedical sciences (IPMS), KMU

Nov, 2018- 14th October,2020**Assistant Professor**
Department of Medical Laboratory Technology, UOH

Feb, 2018- Dec, 2018 **Manager Research & Diagnostic**
K&Ns Research Center, Abbottabad

Jan, 2017- Jan, 2018 **Microbiologist & Supervisor Lab**
Premium Diagnostic Centre, Rawalpindi.

Jan, 2017- Dec, 2017 **Lecturer (Microbiology & MLT)**
Comwave institute of information technology, Islamabad

Feb, 2016 -Oct,2016**Research Associate**
School of Public Health, Department of Epidemiology,
University of Michigan USA

Feb, 2015- Dec, 2015 Microbiologist & Supervisor Lab
Premium Diagnostic Centre, Rawalpindi.

Oct, 2014- Oct, 2015 Lecturer (Microbiology & MLT)
Comwave institute of information technology, Islamabad

Jan, 2014- Aug, 2014 Lecturer (Microbiology & MLT)
Comwave institute of information technology, Islamabad

Mar, 2011- Jan, 2015 Microbiologist
Islamabad Diagnostic Centre, Islamabad.

June, 2009- Jan, 2011 Medical Technologist
Liquate National Hospital (LNH) Karachi

April, 2008- April, 2009 Medical Technologist
Sind Institute of Urology & Transplantation (SIUT) Karachi

Research Interest:

Medical Microbiology, Molecular Microbiology, Infectious Diseases,
Molecular Epidemiology of infectious diseases, Microbial Genetics

Research Publications:

Ihsan Ali, Zara Rafeque, Safia Ahmed, Sajid Malik, Javid Iqbal Dasti. Prevalence of multi-drug resistant uropathogenic *Escherichia coli* in Potohar region of Pakistan. *Asian Pac J Trop Biomed* 2016; 6(1): 60–66.

Sarah E. Graham, Lixin Zhang, **Ihsan Ali**, Yong Kyun Chod, Miriam D. Ismail, Heather A. Carlsson, Betsy Foxman. Prevalence of CTX-M extended-spectrum beta-lactamases and sequence type 131 in Korean blood, urine, and rectal *Escherichia coli* isolates. *Infect Genet Evol.* 2016. 41: 292–295

Ihsan Ali, Neeraj Kumar, Safia Ahmed, Javid Iqbal Dasti. Antibiotic Resistance in Uropathogenic *E. Coli* Strains Isolated from Non-Hospitalized Patients in Pakistan. *Journal of Clinical and Diagnostic Research* 2014; 8(9): DC01-DC04.

Ihsan Ali, Zara Rafeque, Javid Iqbal Dasti, Sarah E Graham, Elizabeth Salzman, Betsy Foxman. Uropathogenic *E. coli* from Pakistan Have High Prevalence of Multidrug Resistance, ESBL, and O25b-ST131. *Open Forum Infectious Diseases*. 2016; 3:1.

Hira Fahim, Javid Iqbal Dasti, **Ihsan Ali**, Safia Ahmed, Muhammad Nadeem. Physico-chemical analysis and antimicrobial potential of *Apis dorsata*, *Apis mellifera* and *Ziziphus jujube* honey samples from Pakistan. *Asian Pac J Trop Biomed* 2014; 4(8): 633-641.

Ghufranud Din, Sajid Malik, **Ihsan Ali**, Safia Ahmed, Javid Iqbal Dasti. Prevalence of hepatitis C virus infection among thalassemia patients: a perspective from a multi-ethnic population of Pakistan. *Asian Pac J Trop Med.* 2014 ;7:127-33.

Miriam D Ismail, **Ihsan Ali**, Savannah Hatt, Elizabeth A Salzman, Ann W. Cronenwett, Carl F, Marrs, Alexander H Rickard, Betsy Foxman. Association of *Escherichia coli* ST131 Lineage with risk of Urinary Tract Infection Recurrence among young women. *Journal of Global antimicrobial resistance.* 2017.12.006.

Ihsan Ali, Javid Iqbal Dasti. Chikungunya virus; an emerging arbovirus in Pakistan. *Journal of Pakistan Medical Association.* Feb, 2018.

Ihsan Ali, Zara Razaque, Ibrar Ahmed, Faiza Tariq, Sarah E. Graham, Elizabeth Salzman, Betsy Foxman and Javid Iqbal Dasti Phylogeny, sequence-typing and virulence profile of uropathogenic *Escherichia coli* (UPEC) strains from Pakistan. *BMC Infectious Diseases.* 12th July, 2019.

Elyse Davis, Liam Hicks, **Ihsan Ali**, Elizabeth Salzman, Joyce Wang, Evan Snitkin, Kristen Gibson, Marco Cassone, Lona Mody, Betsy Foxman. Epidemiology of Vancomycin-Resistant *Enterococcus faecium* and *Enterococcus faecalis* Colonization in Nursing Facilities. *Open Forum Infectious Diseases.* 7;1: 2020.

Ihsan Ali, Javid Iqbal Dasti, Sadiq Noor Khan, Abdul Jabbar. A brief overview of SARS-CoV-2. *Archives of Clinical Microbiology.* 11;4:1001118:2020.

Anees Muhammad Sadiq Noor Khan, Nasir Ali, Mujeb Ur Rehman, **Ihsan Ali**. Prevalence and antibiotic susceptibility pattern of uropathogens in outpatients at a tertiary care hospital. *New Microbes and new Infec.* 36:00716:2020.

Anees Muhammad, **Ihsan Ali**, Muhammad Owais, Sadiq Noor Khan, Irfan Qadir Afridi, Nasir Ali. Evaluation of antimicrobial Pattern of Extended spectrum beta lactamase producing multi-drug resistant *Pseudomonas aeruginosa*. *Advances in Life Sciences.* 7;3:2020.

Anees Muhammad Sadiq Noor Khan, Tahir Jamal, Irshad Ul Haq, Abdul Jabbar, **Ihsan Ali**. Bacterial spectrum and antimicrobial profile of pediatric blood stream infection at a tertiary care hospital in Pakistan. *Chinese Medical Sciences Journal*

Book published :

Usman Waheed, Asim Ansari, Anwar Ullah and **Ihsan Ali**. Clinical Microbiology for **MLT**, ISBN NO-978 969 9880 02 5 (**Book**).

Abstracts & Oral Presentations:

Ihsan Ali, Safia Ahmed and Javid Iqbal Dasti. "Prevalence of drug resistance in uropathogenic *E. coli* isolated from non-hospitalized patients" Abstract publication; International conference on Biotechnology: Prospects and challenges in Agriculture, Industry, Health & Environment (NIBGE) Faisal Abad Pakistan. April 22 To 26, 2013, Page no 226.

Asma Khan, Neelum Zeb, **Ihsan Ali**, Javid Iqbal Dasti: Oral presentation & Abstract publication; Prevalence of drug resistance against Carbapenem and integron-borne *bla*VIM in clinical isolates of *Pseudomonas aeruginosa*. 11th Annual Conference Medical Microbiology & Infectious Diseases Society of Pakistan. 14-15th March 2014 Hotel Margala, Islamabad.

Ihsan Ali, Safia Ahmed and Javid Iqbal Dasti. "Prevalence of drug resistance in uropathogenic *E. coli* isolated from non-hospitalized patients. "Oral Presentation" 20th Annual meeting of Medical Research society of Pakistan (SKMCHRC), Lahore, Pakistan May 25, 2013.

Poster Presentation:

Ihsan Ali, Safia Ahmed, Javid Iqbal Dasti. "Prevalence of drug resistance in uropathogenic *E. coli* isolated from non-hospitalized patients". International conference on Biotechnology: Prospects and challenges in Agriculture, Industry, Health & Environment (NIBGE) Faisal Abad Pakistan. April 22 To 26, 2013.

Ihsan Ali, Zara Rafeeq, Javid Iqbal Dasti, Sarah E Graham, Elizabeth Salzman, Betsy Foxman. Uropathogenic *E. coli* from Pakistan Have High Prevalence of Multidrug Resistance, ESBL, and O25b-ST131. IDWeek, October 26 - 30, 2016 New Orleans, Louisiana.

Elyse Davis , Liam Hicks , **Ihsan Ali** , Elizabeth Salzman , Joyce Wang , Evan Snitkin, Marco Cassone , Lona Mody, Betsy Foxman. Vancomycin resistant enterococcus (VRE) prevalence, incidence, and duration of carriage among nursing home residents. 2018 annual meeting of the American College of Epidemiology, September 23 to 25, 2018 at the University of Cincinnati/Cincinnati Children's Health Medical Center in Cincinnati, Ohio. Journal: Annals of Epidemiology

Sequence Submission In NCBI Gene bank:

Ali, I., Rafeeq, Z., Ahmad, S., Hasan, F. and Dasti, J. I. Fluoroquinolone resistance in extended-spectrum beta-lactamase producing

uropathogenic *Escherichia coli*, Plasmid mediated quinolone resistance genes (*qnrA* & *qnrS*) Accession Numbers; **KR698789**, **KR698790**, **KR698791**, **KR698792**, **KR698793**

Certificates:

- Certificate in the American Academy of Continuing Medical Education (AACMED).
- Certificate of participation and oral presentation in 20th Annual meeting of Medical Research society of Pakistan (SKMCHRC), Lahore, Pakistan.
- Certificate of participation and poster presentation in International conference on Biotechnology: Prospects and challenges in Agriculture, Industry, Health & Environment (NIBGE) Faisal Abad Pakistan.
- Certificate of achievement and excellence performance in “IDC surveillance audit of ISO 9001:2008 by United Registrar System for the year 2012.
- Certificate of participation in work shop on National Base line survey for assessment, monitoring and evaluation of Blood screening system in Pakistan Islamabad.

Workshops Attended:

- Two days training workshop on Requirements of ISO 9001:2008 Standard and internal auditing in accordance with ISO 19011 guidelines held at IDC Islamabad.
- IDEXX training for ELISA and sero-monitoring. Thailand March 5-9, 2018.
- Bio-Rad PCR 2 day’s workshop at Lahore April 24-25th, 2018.
- Attended three-days International Poultry Expo 2018 from 27th to 29th September, at Expo Centre, Lahore

Seminars & symposium :

- Organize one day symposium on “Donate to deserving: from diagnostic to blood transfusion in thalassemia patients” and blood donation camp at QAU Islamabad in collaboration with Pakistan Thalassemia Welfare Society (PTWS).

Awards & achievements:

- International research support initiative program at University of Michigan USA by Higher Education Commission, Pakistan (Jan, 2016 -June, 2016).
- Received travel award of 1000\$ for IDWeek, 2016 New Orleans, Louisiana, USA

Research Project:

- O.5 million HEC Startup Research Grant Project# 2418.

References:

Dr. JavidIqbalDasti

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QAU, Islamabad.

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Dr.Betsy Foxman

Professor, Epidemiology

Director, Center for Molecular and Clinical Epidemiology of Infectious Diseases

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