

Saghir Ahmad Khattak

Email: ahmadsaghir86@gmail.com

Ph: +92-334-4006247

QUALIFICATION:

M. Phil Microbiology: University Of Peshawar. cGPA 3.7: 1st M.Phil Scholar awarded with concerned degree of M. Phil in Microbiology in history of University of Peshawar

Thesis title in M. Phil: A Microbiological study of Lower Respiratory tract Infections in Patients With & Without Ventilator Support in ICUs for Management of Empirical Therapy

B.S (Hons) Microbiology (79%) (A grade) 2009

Kohat University of Science & Technology, Kohat, Pakistan

H. S. C. (Chemistry, Biology, Physics) (77.4%) (A grade) 2004

Board of Intermediate & Secondary Education Kohat.

S. S. C. (Chemistry, Biology, Physics, Math)

Board of Intermediate & Secondary Education Peshawar. (73.63%) (A grade) 2002

Modules studied:

Medical & Clinical Microbiology, Cell biology, Basic human pathology Advance Immunology, Principles of Virology, Antimicrobials, Molecular Biology, Mycology, Industrial Microbiology, Plant Pathology, Advance Biochemistry, Recombinant DNA Technology, Tissue Culture Technology, Bacterial Genetics and Metabolism, Soil Microbiology, Environmental Microbiology and Public Health, Microbial Ecology, Fermentation Technology, Research Methodology.

Submitted articles:

Lower respiratory tract infections in patients with ventilator support in ICUs; aetiology, sensitivity and resistance patterns of VAP pathogens for management of empirical therapy.

Projects Completed:

- 1) Nalidixic Acid based screening of flouoroquinolones resistant *Salmonella* isolates.
- 2) Antimicrobial (Antifungal & Antibacterial) Activities of Medicinal plants (Viburnum grandiflorum, Nepeta suaveis, Tamarix arceuthoidis).”
- 3) High level Aminoglycoside resistance in *Enterococcus faecalis* isolates from different clinical specimens.

PROFECIONAL EXPERIENCE:

- Currently working as Lecturer in Microbiology, Department of Biotechnology, Abdul Wali Khan University Mardan.
- Worked as consultant Microbiologist in Naseer Teaching Hospital of Gandahara Medical University, Peshawar Pakistan.

● R.M.I (Rehman Medical Institute Peshawar). June2009-July 2012

(a) MOLECULAR BIOLOGY AND VIROLOGY DEPTT:

06 Months experience in performing rt-PCR (real Time PCR) for HBV and HCV.

(b) BACTERIOLOGY DEPTT:

Three years experience Working as Technologist (Clinical) in Bacteriology department at Rehman Medical Institute Hayatabad Peshawar.

(i) Complete Processing of Biological samples and cultures, Media preparation , isolation of pathogenic isolates, screening, identifications and their Sensitivities, following CLSI rules for Clinical Microbiology .

(II) Processing of Biological fluids and their Routine Examinations. e.g. CSF and other effusions as Pleural, Peritoneal fluids and other exudates and transudates.

(c) MYCOBACTERIOLOGY DEPTT: *Highly Expertise in culturing & Microscopy of Mycobacterium*

Good practice in culturing of Mycobacterium & Antimycobacterial sensitivity testing using MGIT 960 (Mycobacterium growth indicator tubes system).

(c) Mycology Department: Diagnosis of Fungal isolates:

(i) Direct Microscopy for Fungal scraping and identification of Fungal hyphae and spores.

(ii) Culturing Of Fungal specimens and Their Identification.

(d) Serology department: Performing serological tests and tools e.g. .ELISA and Agglutination techniques for identification of different viral pathogens.

ADDITIONAL CERTIFICATE COURSE:

Certificate of Summer Internship Program.

2008

H.E.J Research Institute of Chemistry, International Center for Chemical and Biological Sciences.

(By Prof. Dr. Muhammad Iqbal Chaudhry, Director of HEJ Research Institute of Chemistry University of Karachi).

INTERNSHIPS

3 Months Internship in Bioassay & Plant screening Lab and Biotransformation Lab of HEJ research Institute of Chemistry University of Karachi.

CONFERENCES AND WORKSHOPS ATTENDED:

(1) Conference on Modern Techniques in Drug design & Exploitation of Local Phytochemical & Biological Resources. April, 2007

(ii) National workshop on “Hepatitis C” March, 2008

References

**Dr. Nafees bacha. Asst.Professor of Microbiology. Centre of Biotechnology and Microbiology University of Peshawar
Email: nafees.bacha@gmail.com**

Mr. Taj Ali Khan:

Assit. Professor of Microbiology, Kohat University of Science and Technology, kohat Pakistan.

Email: microbilogist63@yahoo.com