

WAFI NAEEM

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PERSONAL INFORMATION

Date of Birth: 10th February 1994

Nationality: Pakistan

NIC No: 17101-6078685-6

Mailing Address: Khyber Medical University, Peshawar, KP, Pakistan

OBJECTIVES

To be part of an esteemed institution providing new horizons and a congenial working atmosphere where I can grow and contribute with my skills and traits for betterment of mankind in the field of science and research.

EXPERIENCE

- Currently working as Lecturer Molecular Biology and Genetics in Khyber Medical University Pakistan
- Worked as PhD Scholar in INNOVATIVE AND COLLABORATIVE RESEARCH GRANT (ICRG) Project in Collaboration with University of Sheffield UK (Diagnostic, prognostic and predictive biomarkers for oral squamous cell carcinoma)
- Research Associate in Pakistan Science Foundation Project (The role of circulatory tumor DNA in monitoring treatment response in patient with breast cancer) (22nd September 2021- 31st March 2022)

QUALIFICATION

PHD MOLECULAR BIOLOGY & GENETICS (2025)

Research Title: DNA Damage Repair Genes in Tissue of Oral Squamous Cell Carcinoma by Whole Exome Sequencing

Khyber Medical University, Peshawar

M PHIL MICROBIOLOGY (2020)

Sarhad University of Science and IT Peshawar

BS (Hons) BIOTECHNOLOGY (2015)

University of Peshawar

FSC (2011)

Islamia College Peshawar

SSC (2009)

Peshawar Model Girls High School, Peshawar

PUBLISHED ARTICLE

1. Profiling Genetic Mutations in The DNA Damage Repair Genes of Oral Squamous Cell Carcinoma Patients from Pakistan
2. Exploring the Mutational Spectrum of Key Kinase Genes *PIK3CA*, *BRAF*, *EGFR*, *ALK* and *ROS1* in Oral Squamous Cell Carcinoma
3. Prognostic Value of *VEGF-A* Expression and Mutations in Oral Squamous Cell Carcinoma
4. Laboratory biosafety measures of Novel Beta Coronavirus at containment level 2 with special reference to its more infective variants

5. Frequency of Staphylococcus Aureus Infection Associated with Femoral Double Lumen Catheter in Kidney Failure Patients
6. Optimization of Colony Polymerase Chain Reaction for the 16srRNA of Different Strains of Escherichia Coli
7. Mutational Insights and Insilico Characterization of NEK Family Kinases in Pakistani Population with OSCC (Accepted)

ARTICLE UNDER REVIEW

1. Mutational Landscape and Insilico Analysis of Mismatch Repair Pathway Genes in Pakistani Oral Squamous Cell Carcinoma Patients
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WORKSHOPS

In Silico Protein Annotation
Next Generation Sequencing Data Analysis
Biosafety and Biosecurity Workshop

CONFERENCES

Poster Presenter in International Conference (B'Med Con) Oral Cancer Session in Khyber Medical University (Best Poster Presenter Award)
Speaker at 1st International Conference Oral Cancer Session in Khyber College of Dentistry

SKILLS

- Next Generation Sequencing Data Analysis
- R Software, Bioinformatics tools including command based Gromacs MD simulations
- Research experience-proposal development, data collection, data analysis, manuscript writing
- DNA/RNA Extraction, Real Time PCR
- Languages: English, Urdu (speak, read, write), Pashto (can speak only)
- Computer skills: MS office, SPSS, ENDNOTE

REFERENCES:

Dr. Wajid khan

Registrar

Accidents and Emergency

Rehman Medical Institute

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Dr. Tahir Sarwar

Professor IBMS

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Dr. Asif Ali

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