

## **FACULTY RESEARCH PROFORMA – INSTITUTE OF MICROBIOLOGY**

### **SECTION A – PERSONAL & PROFESSIONAL INFORMATION**

#### **1. Name & Designation**

Hafiz Muhammad Khalid Mehmood

Lecturer

Institute of Microbiology, University of Veterinary and Animal Sciences (UVAS), Lahore, Pakistan

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#### **2. Specialization Area**

Medical diagnostics and Medical laboratory Sciences

#### **3. Degrees & Training**

- M.Phil. Medical Laboratory Sciences in Chemical Pathology (2019), University of Health Sciences Lahore, Pakistan

- B.Sc. (Hons.) Medical Laboratory Technology(2013), Sheikh zayed Medical College/Hospital Rahim Yar Khan, Pakistan

### **SECTION B – RESEARCH PROFILE (PAST WORK)**

#### **1. Summary of Research Work (Lifetime)**

Six Years of teaching experience with two years of diagnostic and research experience

#### **2. Publications**

- Total Publications: 02

#### **3. Supervision Record**

- M.Phil.: Currently none

- Ph.D.: Currently none

#### **4. Patents/Products/Diagnostics/Vaccines**

Currently none

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### **SECTION C – CURRENT & FUTURE RESEARCH**

#### **1. Current Active Projects / Grants**

-Currently none

2. Specific Techniques/Facilities Expertise

Semi-automated and fully automated Clinical chemistry analyzers ,CBC analyzer

- ELISA (direct, indirect, sandwich, competitive) PCR

3. Broader Area of Interest

- Human/Medical Diagnostics

-Medical laboratory techniques

4. Specific Future Research Questions / Directions

- Development of cost-effective diagnostic assays for human infectious diseases.

**SECTION D – COLLABORATION & GROUPING**

1. Preferred Research Cluster/Group

- None

2. Possible Interdisciplinary Links

- National: Institute of Public Health, NIH Islamabad,

-Health Security Partners

-Association of Biorisk Management

3. Support Needed

- International collaborative funding for development of diagnostic assays.

-lab facilities, equipment, training, collaborations, funding Lab facilities, equipment, training, collaborations, funding