

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

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
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