



Gul Rukh

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Address: Haripur District, Khyber Pakhtunkhwa, Pakistan, 22620, Haripur, Pakistan (Home)

EDUCATION AND TRAINING

08/05/2013 – 09/09/2014 Haripur, Pakistan

MATRIC SSC Working Folks Grammer School Haripur

Level in EQF EQF level 1

14/08/2016 – 07/08/2017 Haripur, Pakistan

FSC (PRE MEDICAL) Hazara Schools and College Haripur

Level in EQF EQF level 1

16/09/2017 – 08/09/2021 Haripur, Pakistan

BS(HONS) MEDICAL LABORATORY TECHNOLOGY University of Haripur

Final grade 70% | **Level in EQF** EQF level 1 | **Thesis** Vaccines for Covid-19: an insight on their effectiveness and adverse effects

14/10/2021 – 06/08/2023 Haripur, Pakistan

MS BIOTECHNOLOGY Pak-Austria Fachhochschule Institute of Applied Sciences and Technology

Final grade 78% | **Thesis** Study on Generation of 3D Collagen Gel by Using Chicken Bones

20/05/2024 – 22/05/2024 Islamabad, Pakistan

TRAINING (DRUG DESIGN AND DEVELOPMENT) Comstech

Islamabad, Pakistan

HISTOPATHOLOGY TRAINING Pak Austria Fachhochschule Institute of Applied Sciences and Technology

WORK EXPERIENCE

02/02/2024 – CURRENT Islamabad

LECTURER OF LIFE SCIENCES ABASYN UNIVERSITY ISLAMABAD

Lectures and Seminars: Delivering lectures, seminars, and tutorials on subjects related to medical lab technology, such as clinical biochemistry, microbiology, hematology, immunology, and molecular diagnostics.

Course Development: Designing, updating, and developing course materials, including syllabi, lecture notes, and laboratory manuals.

Practical Training: Conducting practical lab sessions and demonstrations to provide hands-on experience with laboratory techniques and equipment.

06/01/2024 – CURRENT Islamabad, Pakistan

MEDICAL LABORATORY MANAGER ASPIRE LAB

Supervision and Leadership: Oversee daily operations of the laboratory, managing a team of technologists and support staff. Provide training, guidance, and performance evaluations to ensure high-quality work

Quality Assurance: Develop, implement, and monitor quality control programs to ensure the accuracy and reliability of test results. Conduct regular audits and reviews of laboratory processes.

Compliance and Safety: Ensure laboratory operations comply with all relevant regulations and standards, including OSHA, CLIA, and CAP.

10/10/2023 – 02/01/2024 Islamabad/ Texas, Pakistan

ANDROLOGIST AMERICAN FERTILITY CENTER

- Diagnosis of Male Reproductive Disorders
- Semen Analysis
- Male Hormone Testing

- Microsurgical Procedures
- Management of Male Infertility
- Andrological Counseling
- Assisted Reproductive Technologies (ART)
- Hormonal Therapies
- Research and Development
- Education and Training

04/05/2022 – 01/09/2023 Haripur, Pakistan

RESEARCH ASSISTANT PAK AUSTRIA FACCHOCHSCHULE IAST UNIVERSITY

- literature Review
- Data Collection
- Data Analysis
- Laboratory Experiments
- Report Writing
- Preparing Presentations
- Assisting in Manuscript Preparation
- Statistical Analysis
- Maintaining Lab Equipment
- Conducting Surveys and Interviews

05/04/2018 – 09/10/2019 Haripur, Pakistan

LABORATORY TECHNOLOGIST BIOZONE LAB

- **Preparing Samples:** Collecting and preparing DNA samples for PCR analysis.
- **Analyzing Results:** Interpreting results.
- **Maintaining Equipment:** Ensuring that all equipment is properly maintained and calibrated.
- **Documentation:** Recording procedures, and maintaining accurate laboratory records.
- **Quality Control:** Implementing quality control measures to ensure the accuracy and reliability of results.

● **LANGUAGE SKILLS**

Mother tongue(s): **PASHTO**

Other language(s): **ENGLISH, URDU, HINDKO**

● **DIGITAL SKILLS**

Microsoft Office / Microsoft Excel / Microsoft Powerpoint / Turnitin / Endnote user | Graph Prism Pad, Origin Pro, SPSS, Canva, Biorender

● **PUBLICATIONS**

2021

Vaccines for Covid-19: an insight on their effectiveness and adverse effects

2023

Maturity Onset of Young Diabetics

● **PROJECTS**

Designing RNA Kit

Designing Beta HCG Kit

Designing Aflatoxin Kit

● CONFERENCES AND SEMINARS

05/06/2023 Islamabad

International Seminar on infection related features of microorganism

03/05/2023 Dir Kumrat

International Conference on Food and applied Sciences(ICFAS)

23/02/2024 Islamabad

International Conference on Recent Advances in Reproductive Medicine and Assisted Reproductive Technologies

11/06/2022 Haripur

One day Workshop on Lab Equipment Calibration and Certification As per ISO standard PAF-IAST

05/06/2023 Islamabad

International Training workshop on managing Science Technology park(STP) COMSTECH

25/10/2018

Biosafety Awareness workshop organized by Medical lab technology UOH in collaboration with PBSA AND FOGARTY International center NIH,USA.
