

CV

MARYAM MAZHAR ALI

BS (Hons) Biotechnology, Institute of Biotechnology and Genetic engineering University of Sindh, Jamshoro.

CONTACT

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PERSONAL INFORMATION

F/name: Mazhar Ali
CNIC; 4130238363806
Gender; Female
Nationality; Pakistani
Marital status; Single
Religion; Islam

SKILLS:

- Leadership skills.
- Communication skills.
- Research skill.
- Freelancing
- Content writing
- Article writing
- SEO
- Critical-thinking skills
- MS office
- Digital media marketing

Major Subjects;

- Pharmaceutical biotechnology.
- Biosafety techniques.
- Cell biology
- Medical biotechnology
- Marine biotechnology
- Agriculture and food biotechnology
- Proteomics and genomics.

OBJECTIVE

To solve problems in a creative and effective manner in a challenging environment. I want to be a part of Scientific institute to serve my abilities and improve skills to become a problem solving entrepreneur in Biotech industry.

EDUCATION

Matriculation from BISE Hyderabad, Sindh.
Intermediate from BISE Hyderabad, Sindh.
BS (Hons) "**Biotechnology**" from University of Sindh Jamshoro.

EXPERIENCE

INTERN TRAINEE, Pakistan council of Scientific & Industrial Research (PCSIr) Karachi

Pharmaceutical Biotechnology

In vitro bio-availability of drugs (their hardness, diameter, thickness, dissolution and disintegration.

Biochemistry

Steroid and chemical residual test
Quality control.

Molecular Biology

ELISA.
PCR.
Gel electrophoresis.
spectrometric analysis technique

Chromatography technique

High pressure liquid chromatography.
Gas Chromatography. paper chromatography.
thin layer chromatography.

INTERN TRAINEE, Clinical pathology laboratory, Rajputana hospital Hyderabad.

Haematology

QC, Erythrocyte sedimentation rate, blood count and cell morphology.

Microbiology

QC, Staining techniques, Iron testing and microbe identification

Molecular Biology

Polymerase chain reaction, Blood Bank QC, ABO and RH blood grouping, cross matching and blood product formation.
QC, Urine DR, Biochemical test· Electrolyte test, and microscopy.

- Bio Materials

SEMINARS

1. Breast cancer awareness seminar at Nuclear Institute of Medicine and Radiotherapy (NIMRA)

2. Pink ribbon Campaign seminar on Breast cancer awareness, Oct 2017.

3. Guest lecture in campus, based on " Detection of heavy metals in water through Gold nanoparticles

Biochemistry

ELISA, Electrolyte, RFT, LFT and biochemical routine test

Job experience:

Pathology laboratory

- Haematology
- Biochemistry
- Blood Banking
- screening
- Microscopy
- Quality control

Lab/Research skill:

1. Activity and application determination of Alpha_Amylase and protease produced by Aspergillus Niger.
 2. Application of induced Mutation fr improving the given microbial strain-Aspergillus Niger.
 3. Investigation of Minerals effects on plant growth.
 4. Determination of lycopene content of tomatoes and tomato products using spectrophotometer UV –VIS..
 5. Preparation of wine by grapes.
 6. Preparation of Cheese making.
 7. Biochemical Quality testing DNA extraction.
- Thesis research based on " A panel survey on qualitative and quantitative analysis of Breast cancer at Hyderabad vicinity

OTHER CERTIFICATES AND ACHEIVEMENTS

- Certificate in Search engine optimization (SEO) from Gexton Education.
- Certificate from PCSIR complex laboratory Karachi.
- Certificate from Pathology laboratory.
- certificate from NTRL thermos Fischer scientific in Hands on experience Biosafety and security.
- Certificate in 3rd innovation summit start-up 2018.
- e-learning course" Challenging forensic science, How science speak to the court".