***AISHA FAHEEM***



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| **Contact number** | **Email address** | **Nationality** |
| 03362526909 | [aisha\_faheem@ymail.com](mailto:aisha_faheem@ymail.com) | Pakistani |
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**OBJECTIVE:**

I seek to obtain a challenging position where my knowledge, experience and skills will contribute towards

the development and success of the organization.

**EXPERIENCE:**

## RESEARCH ASSOCIATE--- P.C.M.D , University of Karachi

Molecular Immunology Laboratory**.**

**April' 14 - PRESENT**

## Major Responsibilities:

* Responsible for the administration and operation of all internal activities along with different types of available compounds or extracts.
* working on Chemiluminescene technique- Luminescent.
* Nitric oxide assay through TISSUE CULTURE techniques
* Perform Bioassays.
* Screening tests, IC-50 for medicinally active compounds on whole blood cells and neutrophil cells
* Administration of all Trainees, Interns, Apprentices and Trainees.
* Revamp the induction and administer the induction program for all Permanent and Temporary personnel.
* Compile and manage data and reporting of different compounds.
* Manage the compounds pool by identifying the highly active compounds on doing biological activities.
* Responsible for literature searching of known or unknown active compounds by drawing the structures on Chem. draw.
* Filling of literature for active compounds on compound bank CRF'S according to the literature searching and

references and then submit it into compound bank.

**Trainee Technologist , The Aga Khan University Hospital Jan' 13 - Dec' 13**



As a Trainee Technologist , I was responsible to observe and handle the technologist responsibility and compensation function at The Aga Khan University. My work involved

finding, selecting and searching process. I was also responsible for the observation and compensation activities of the clinical trial unit of which include all compensation related activities.

## Major Responsibilities:

1. Worked seven months in ***Molecular* section of pediatrics research lab.**
   * Nucleic acid (RNA and DNA) extraction and purification from different specimens by manual or automation (ABI 7500)
   * TLDA (TaqMan Low Density Array)
   * Nano drop (spectrophotometer)
   * Conventional PCR
   * PCR amplification
   * Gel Electrophoresis based detection.
   * Real Time PCR processing and analysis.
2. Worked two and a half months in ***Microbiology* section of pediatrics research lab.**

Media bench (preparation, sterility check and autoclave) API (Analytical Profile index) ELISA

1. Worked two and a half months in ***Biochemistry* section of pediatrics research lab.**

HPLC

ATOMIC ABSORPTION EXTRACTION OF VITAMIN D ELISA

CBC

LIPID PROFILE IODINE TEST

HITACHI 902 , ATOMIC ANALYZER

## Research Associate- PCSIR (Pakistan Council of Scientific and Industrial Research Laboratories Complex )- Karachi



**Feb'12-Dec'12**

# Worked on sugar cane by using Plant Tissue Culture Techniques.

* + Maintain Aseptic environment growth on Tissue culture media.
  + Multiplication, Rooting and Shooting of sugar cane.
  + Data collection
  + Data observation
  + Data entries on Excel sheet.
  + Media Preparation.
  + Autoclave.
  + Sterility check.
  + Preparation of all types of solutions used in analysis.
  + Work with all types of instruments used in lab.
  + Inspection of all AREAS like packing hall, suspension filling area and sterile area.
  + Documentation of all above work.

## PUBLICATIONS:

TITLE OF PAPERS:

1-Coumarin sulfonates: As potential leads for ROS inhibition

NAME OF AUTHOR: Uzma Salar  , Khalid Mohammed Khan , Almas Jabeen , Aisha Faheem  , Muhammad Imran Fakhri  , Syed Muhammad Saad , Shahnaz Perveen  , Muhammad Taha , Abdul Hameed.

NAME OF JOURNAL: BIO-ORGANIC CHEMISTRY / ELSEVIER

URL: <http://www.sciencedirect.com/science/article/pii/S0045206816300712>

YEAR & DATE OF PUBLICATION FROM PAPER:  19th September, 2016

2-Anti-arthritic property of crude extracts of Piptadeniastrum africanum (Mimosaceae) in complete Freund’s adjuvant-induced arthritis in rats.

NAME OF AUTHOR: Marius Mbiantcha, Jabeen Almas, Simjee U. Shabana, Dastagir Nida and Faheem Aisha

NAME OF JOURNAL: BMC Complementary and Alternative Medicine

URL: http://bmccomplementalternmed.biomedcentral.com/articles/10.1186/s12906-017-1623-5

YEAR & DATE OF PUBLICATION FROM PAPER:  15th February,2017

## TRAININGS & CERTIFICATIONS:

* + GENE CLONING BY USING DIFFERENT TECHNIQUES
  + MMDR-5 (SYMPOSIUM)
  + Chemical safety-MSDS and Spill Management.
  + Service Excellence.
  + Lab Quality Control Management.
  + Fire safety-Prevention and response.



**COMMANDS ON APPARATUS:**

* Conventional PCR
* Centrifuge
* Picofuge
  + Nano drop (spectrophotometer)
    - Gel Electrophoresis and Documentation systems etc.
    - Fluorescent Microscope
  + TLDA (TaqMan Low density Array).

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| **EDUCATION:** |  |  |  |
| **M.B.A:** Pharmaceutical Management | Dow University of Health & | Currently | Continue |
|  | Sciences | continue |  |
| **M.Sc** : Masters in Biotechnology | University of Karachi | 1st division | 2011 |
| **B.Sc :** Bachelors (hons.) in Biotechnology | University of Karachi | 1st division | 2008-2010 |
| **H.Sc** : Intermediate in Pre-Medical | Board of intermediate education. | A-grade | 2005-2007 |
|  | Karachi |  |  |

**SKILLS:**

* Good Interpersonal and Communication skills.
* Proficient in MS Office & PeopleSoft.
* Dedicated & Hardworking
* Enjoy working in teams and individually.
* Ability to work under pressure.

**CO-CURRICULAR ACTIVITIES & HOBBIES:**

* + Attending Workshops, Conferences & Seminars
  + Internet Browsing
  + Reading books
  + Listening music.

**REFERENCES:**

To be furnished upon request