



Rabia Ashfaq - Chemist

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Visa: Residence / Husband's Sponsorship

Marital Status: Married

Date of Birth: July 07, 1990

OBJECTIVE:

Dedicated **chemist** and consistent quality performer having more than **5 years of experience** in **laboratory and teaching**. Want to secure a position as **Chemist / teacher** with a well-established organization that will utilize my exceptional organizational skills, education, Experience and management skills that will help me continue to grow in my career.

Key Skills

- Lab chemistry
- Environmental Chemistry
- Scientific and numerical skills
- Team work & interpersonal skills
- IT Skills
- Diligent to details & accuracy
- Collection & Quality Assurance of Data
- Production, sampling & testing
- Analysis and interpretation of samples
- Instrument & equipment usage, maintenance
- Quality Control
- Working as Independent and Team Player
- Good Experience in Coordination
- Effective Communication Skills
- Handling matters with Confidence
- MS Office
- Teaching and provide trainings
- Research & Development
- Healthcare and pharmaceuticals
- Ordering, procurement and receiving shipments
- ISO Documentation

Professional Work History

1. **Radiochemist**
Pakistan Kidney and Liver institute

12/2017 – 10/2019
Lahore, Pakistan

Key Achievements:

- Gained experience in the **operation, maintenance and calibration of laboratory equipment** and **analytical instrumentation**.
- **Researched, developed and documented** more efficient methods and procedures related to the radio pharmacy.
- Volume based elution of generator and its **quality control**.
- Synthesis of the 99mTc-labelled **Pharmaceuticals** for NM diagnostic procedures
- Assisted in **contamination prevention** and clean up.
- **Maintained chemical** and radionuclide **inventory**.
- Inspected and received radioactive materials according to the company guidelines.
- Classified and managed the **proper disposal** of onsite radioactive and **chemical waste**.
- Earned a reputation for neatly and concisely **documenting data** both electronically and manually.
- **Trained** additional **staff**.

2. **Lecturer Chemistry**

04/2016 – 11/2017

Key Achievements:

- Contributed to the **development, planning and implementation** of a high-quality curriculum.
- Assisted in the **development of learning materials, prepared schemes of work and maintained records to monitor student progress, achievement and attendance.**
- Participated in **departmental and faculty seminars** aimed at sharing research outcomes and building **interdisciplinary collaboration** within and outside the department.
- Participated in the **development, administration and marking of exams and other assessments.**

3. Radio Chemist
Shaukat Khanum Cancer Hospital & Research Centre

10/ 2013 – 04/ 2016
Lahore, Pakistan

Key Achievements:

- **Ordering, procurement and management** of radiopharmaceutical and **chemical stock.**
- **Maintained inventory record** of radiopharmaceuticals and **drug delivery devices.**
- Volume based elution of generator and its **quality control.**
- **Synthesis** of the ^{99m}Tc -labelled **Pharmaceuticals** for NM **diagnostic** procedures.
- **Performed QC** of conventional and PET Radiopharmaceuticals on daily basis using **GC (gas chromatography), HPLC (high pressure liquid chromatography) and TLC (thin layer chromatography).**
- Dispensing of ^{131}I for therapy of thyrotoxicosis, whole body scan and 75-150 mCi therapy patients, M^{131}BG , Sr^{89} , and Ga^{67} for sarcoidosis.
- **Operation** of the “**IBA Synthera**” for the synthesis of ^{18}F FDG.
- Periodic **calibration and validation** of all the **QC equipment's**
- Carrying out the **periodic sterility and environmental monitoring** of the Hot Lab
- **Provide trainings and deliver lectures** to NM **technologists, pharmacists, chemists and NM residents.**

4. Lecturer Chemistry
Army Public School and College

06/2012 – 02/ 2013
Sialkot, Pakistan

Academic Qualifications

Qualification	Institute	Year of Passing
M.Phil - Chemistry	Forman Christian College (A chartered University)	2015
BS – Hons , Chemistry	Forman Christian College (A chartered University)	2012
IELTS	Australian Education Office	2017

Conferences and Workshops

- “Forensic Sciences” workshop organized by Speers Chemical Society in collaboration with Royal Society of Chemistry UK, 2011.
- Seminar on “How to defend research work” organized by Speers Chemical Society, 2011.
- Three-day Workshop on “Computational Chemistry” conducted by Department of Chemistry, Forman Christian College, 2014.
- Workshop on Chimera and Chem sketch by Speers Chemical Society & Department of Chemistry, Forman Christian College, Lahore, 2014.
- Certificate of participation in 13th Shaukat Khanum Cancer Symposium, Lahore, 2014.
- Certificate of participation in Pakistan Nuclear medicine conference on Nuclear Medicine in collaboration with The Asian School of Nuclear Medicine.
- Workshop on Research Methodology held at Pakistan Kidney and Liver Institute, 2018.
- Certificate of participation in “Infection Prevention & Control Symposium” on the occasion of “World Hand Hygiene Day” held at Pakistan Kidney and Liver Institute, 2018.

Trainings

- Basic Radiation Protection Training organized by Radiation Protection committee at Shaukat Khanum Cancer Hospital and Research center, 2014.

- Training session on Living well at Shaukat Khanum Cancer Hospital and Research center, 2015

Achievements and Appreciations

- Certificate of Cooperation by Army Public School and College, 2006.
- Certificate of services for organizing Workshop on Forensic sciences, 2011.
- Certificate of appreciation for producing brilliant result by Army Public School and College, 2013.
- Certificate of Appreciation for valuable services at Shirazi Hall, Forman Christian College, 2012.
- Certificate of Presentation of Poster at 13th Shaukat Khanum Cancer Symposium, 2014.
- Certificate of Participation in Poster Presentation in Pakistan Nuclear Medicine Conference, 2014.
- Certificate for Poster presentation at international conference on "Exploring New Avenues in Medical Chemistry", at Forman Christian College, 2015.
- Certificate for oral presentation at Pakistan Nuclear Medicine Conference, Natiagali, 2014.
- Certificate of Achievement for delivering Paper Presentation in "International Conference on Materials Science and Nanotechnology" held at The University of Lahore, 2016
- Certificate for Poster Presentation in two – days conference on Recent Advances in Chemistry held at The University of Lahore, 2017.
- Certificate of Appreciation for dedicated services by Department of Chemistry, The University of Lahore, 2017.

Research Work and Publications

- Physico chemical study and GCMS of Eucalyptus citriodora specie in Pakistan, Forman Christian College, Lahore. (Jan 2012 – Jun 2012)
- Obtained the statistical data of Urea Breath Test for H.Pylori Bacterial infection performed in Shaukat Khanum Cancer Hospital and Research Centre during the tenure of 2009-2014.
- Application of various expertise's on the synthesis of 18FDG for the optimization of maximum labelling yield during 2010-2011 at Shaukat Khanum Cancer Hospital and Research Centre.
- Radio labeling, Characterization and Bio distribution study of Cysteine and its derivatives with Tc-99m. (2015)
- Radiolabeling and Quality Control study of Tc -99m Ciprofloxacin at Central Radio pharmacy, Shaukat Khanum Cancer Hospital and Research center.
- Radiolabeling, Characterization and Bio distribution study of Cysteine and its derivatives with Tc99m
Publication date 2016 publication description J Nucl Med 2016 57:1111

**References will be provided upon request.*