C.V

Zemoul Sid Ali

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Mobile Phone No: +213791970250
Family status: single
Age: 44 years

Objective: QC Chemist

Studies:

- National Institute of Industrial Chemistry (University of Blida) .Algeria
  Diploma in Industrial Chemistry; (engineering processes Organic, in 2000 (BAC + 5)
  Organic Chemistry Laboratory (University of Blida)
  (Synthesis of fluorinated nonionic surfactants -Analysis by GC chromatography - Analysis by Chromatography coupled GC.SM -Analysis IR infrared spectroscopy.

Languages: Arabic; French; English.

Professional experience:

Chahids Mahmoudi Hospital Tizi-Ouzou. Algeria (2015-2016).

PET radiopharmaceutical production laboratory.

In chemical engineering job

Mohamed Liamine Debaguine Hospital CHU Algiers (2005-2015)

Nuclear Medicine Laboratory.

engineer in the laboratory and Maintenance

National of Toxicology Center Algiers (2001-2005)

Toxicology laboratories

engineer in the laboratory and Maintenance

Competences:

Analytical Laboratory Management.

- Bibliographic search methods and laboratory standards;
- Preparation of laboratory reagents according to the pharmacopoeia;
- Supervise the supply of equipment, reagents and laboratory consumables;
- Preparation of laboratory samples and the preparatory chromatography;

(different matrixes : water, foods, drugs, and biological liquids)

- Mastery of Analytical and chromatographic methods (Potentiometry , TLC, HPLC-PDA, GC-FID,);

(Analysis: qualitative, semi-quantitative ,quantitative and identification (comparison to library of specters)

- Optimization and writing experimental protocols and preparation of quality documents;
- Mastery of the validation of laboratory test methods according to international norm 17025;

(Range linearity, linearity (calibration), specificity, capacity of detection accuracy: , precision, reproducibility)

- Statistical calculation of acceptability and stability of the laboratory results.

(Correlation Test, Fisher tests, Student tests, and laboratory control carts)

Hot Lab Management for radiopharmaceutical.

- Development of the laboratory of radiopharmaceutical;
- Aseptic preparations of radiopharmaceuticals and radiation generators;

-Generator 99Mo / 99mTc; HMDP, MIBI, Myoview, DMSA, MAG3, Octreothyd,)

-Therapy thyroid with iodine-131 for 8 patients per week.

-(Generator 188W/188Re); 188Re-HEDP and 188Re-DMSA (V) for Therapy;

- QC Radiopharmaceutical: dose calibrator, spectrometer gamma, Radio-TLC- Scan, pH, -

- Radiation protection for the use of unsealed radioactive sources in medical sector;
(Radiation protection equipment, radiation measurement equipment and personnel dosimeters)
- Make sure to respect the radioactive waste management plan in nuclear medicine;;
- Training of medical personnel, students, and participation in quality assurance program;
- Participation in the first PET center project for Algeria in 2008;
- Redaction and writing technical's specifications cyclotron medical, laboratory production and quality control of the PET center CHU Bab El Oued to Algiers in 2014 (Currently the building is under construction).
• Radiopharmaceutical production laboratory management PET
- Good physical conditions, able to work in different engineering programs;
-Easily integrate a work team, able to work independently, and able to multitask effectively;
- Theory and practice to the production and quality control of the radiopharmaceuticals PET;
(18F-Labled, 18FDG: manual system and with cassette; 11C-Pharmaceuticals wet and dry chemistry; 68Ga-peptides)
- Participation in the lab space development, pressure, temperature and humidity;
(Hot Lab production 18FDG, clean room, corridor clean, product in, product out, quality control lab and waste room)
- Writing checklists of production equipment according to GMPs standards;
(Aseptic conditions to work, 18 FDG productions, synthesizer module, FDG cassette, dispensing system)
- Monitoring the Installation Qualification (IQ, OQ, PQ) QC laboratory equipment ; (Balance, pH meter, GC- FID, Radio -HPLC-IC, Radio-TLC-Scanner, Spectrometry , Endosafe, Incubators, Sterility and Integrity test,)
- Preparation of lists of standards, reagents and consumables required for a known period of production;
- Writing and Developments of the Standard Operation Procedures;
- Test full kind on site production and quality control of the 18F-FDG.

Professional References:

2016 - **Dr. Lamb Andrew**, Manager-Laboratory Applications adrew@cyclomedical.com, USA.
2016 - Ph.D **Konzer Joshun**, Staff Scientist, jkonzer@cyclomedical.com, Cyclo Medical, USA.
2015 - **Torma Lajos**, Installation Specialist, ltorma@iqmedicaservices.com, IQ Medical Services, USA.
2012 - Prof. **Emilija. Janevic Ivanovska** Head of the laboratory emilija.janevik@ugd.edu.mk Shtip . Macedonia
2010 -Ph.D **Dmitry Soloviev Radiochemist** Cambridge Cancer Center dvs24@wbic.cam.ac.uk Cambridge,UK .
2009 - Prof**. Boschi Stefano** Head of the Radiopharmacy PET stefano.boschi@ unibo.it Bologna. Italia
2008- Prof. **Marengo Mario** Head of the Medical Physics Unit mario.marengo@unibo.it Bologna. Italia

Professional training:

•September 2015 - February 2016 Tizi-Ouzou Algeria; Chahids Mahmoudi Hospital. (Radiopharmaceutical production unit) (IQ, OQ, PQ) production equipment and quality control of PET radiopharmaceuticals in particular the 18 FDG.
• July 2012 (one week) Yaoundé Cameroon; improvement of laboratory premises and radiopharmaceutical clean rooms for preparation of radiopharmaceuticals. Radiopharmaceutical quality control, sterility tests and tests included endo-toxines.
•April 2009 (3 months) Bologna Italia; concerns the production and quality control of PET radiopharmaceuticals (18 FDG, 11C-pharmaceutical, 68Ga-Peptides) according to GMP standards in the PET center Bologna, ITALIA.
• September 2003 (one week) Paris France; (Software HPLC) in the site of Dionex.

Technical skills:

Depth knowledge of analytical chemistry instrumentation (HPLC with various detectors, gas chromatograph, etc.) and their application in the quality control of PET radiopharmaceuticals. Thorough understanding of the technologies for the synthesis and compounding PET radiopharmaceuticals (synthesis modules, dispensers, shielded cells, etc.). Good knowledge of production systems for PET radionuclide's (cyclotrons)Good knowledge of the operating software of the systems listed above as well as the most commonly used software in the computer (excel, power point, word etc.).