

Mohammed Al Rowaily (MSc),CRP

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Work web Site (kfshrc.edu.sa)

Objective: To combine my training and extensive practical experience and knowledge in Clinical Nuclear Medicine. With my strong interest in the education, research and development of Radiopharmacy & Nuclear Sciences.

EXPERIENCE

Comprehensive Radiopharmaceuticals, technical and educational experience with diverse administrative skills and clinical background in the field of **Nuclear Medicine and PET/CT**.

EDUCATION

- **Ph.D. Student at Chemical and Pharmaceutical Sciences (XXIX Cycle), Research Title "Targeted Radionuclide Therapy using Peptide-Based Radiopharmaceuticals" Pavia University, Pavia Italy, Nov 2013**
The project will synthesize and investigate the performance of several labelling of peptide-based radiopharmaceuticals for 30 patients with histologically confirmed NET's each would receive 4 cycles of (100mCi) ^{177}Lu -DotaToc concurrently with everolimus for therapy.
- **Post-Graduate Degree, Certificate of Advanced Studies (CAS), Radiopharmaceutical Chemistry/Radiopharmacy ETH, Zurich, Dec 2012.**
- **Master Degree in Nuclear and Ionizing Radiation Technology, Dec 2009 IUSS-Pavia University, Pavia Italy (Thesis Title Pretargeted & Loco-regional RadioimmunoTherapy in H. Glioma) Sub-specialty Therapeutic Radiopharmacy.**
- **Training Stage in Radionuclide Therapy(DOTA-TATE and Avidin-Biotin System), Ga-68 and FDG synthesis at European Institute of Oncology IEO Milan Italy Sep - 22 Dec 2009**
- **Training Stage in FDG Synthesis, Cyclotron Operation and Animal modeling micro-PET at San Raffaele Hospital, Milan, Italy May - 16 Aug 2009**
- **Bachelor of Science in Radiological Sciences, February 2000**
King Saud University in Riyadh, Saudi Arabia.

OCT 2012 to present

KING FAISAL SPECIALIST HOSPITAL & RESEARCH CENTRE

- **Nuclear Medicine & PET Radiopharmacy Specialist.**

- In charge of all Radiopharmaceuticals development within Nuclear Medicine at KFSH&RC.

Other:

- Faculty Member Alfaisal University, Aug 2013
- Consultant at Princess Nora Bint Abdul Rahman University, July 2012.
- Chief of Nuclear Medicine at Dr. Suliman AL Habib Medical Group, Feb 2012

SPECIAL THERAPUTIC PROCEDURES

- 3-Step Pretargeted Radioimmunotherapy Avidin-Biotin system
- Radiopeptide Therapy (DOTA-Toc) for Endocrine Tumors
- Y90-Zevalin Therapy for B-cell lymphoma
- Joints Therapy, Y90-Colloidal for hemoarthrosis (hemophilia)
- MIBG I-131 Therapy
- Strontium-90 Palliative Therapy for Bone Metastasis
- Sumarium-153 Palliative Therapy for Bone Metastasis

ACOMPLISHMENTS

- Speaker in more than 15 International Conferences
- Course Organizer for 7 courses and workshops
- Participated in establishment of a Bachelor Degree in Nuclear Medicine Sciences at Princess Nora Bint Abdul Rahman University

PUBLICATIONS

- 18F-FDG PET/CT Applications in children, one year experience in a tertiary care setting – 2nd Author Presented in SNM for year 2007.
- Role of 18F-FDG PET/CT in the follow-up of pediatric patients with sarcoma following neo-adjuvant chemo radiotherapy -2nd Author Presented in SNM for year 2007.
- Acknowledge for participating in a research about Role of FDG in Thyroid Cancer PTC.