

## C.V



**Name: Dr. Amal Yousif Al-Yasiri**

**Specialization: Medical Physics / Radiative Physics**

**Position: Faculty member at College of Dentistry**

**Scientific Degree: Lecturer**

**Work Address: College of Dentistry – University of Baghdad**

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### Education

- **Ph.D. in Nuclear Engineering/Medical Physics, Nuclear Science and Engineering Institute/ University of Missouri-Columbia, USA, Thesis Title: Synthesis and evaluation of radioactive gold nanoparticles for cancer treatment and imaging.**
- **M.Sc. in Medical Physics, College of medicine Al- Mustansirya  
Thesis Title: In Vitro Effect of Phsico-Chemical Factors on the Cross-Bonding Formation of Human RBC Membrane.**
- **B.Sc. Physics, College of Sciences, University of Baghdad,**

- **Research Interest:**

**Nuclear medicine, radiotherapy, radiopharmaceuticals, radiation safety, Imaging, and any project has a relation with medical application of radiation**

### **Employment**

- **Lecturer, Department of Basic Science, College of Dentistry, University of Baghdad, Baghdad-Iraq. Have been teaching introductory Medical Physics course to freshmen students**

### **Courses.**

- **Teaching of Medical Physics (theoretical and practical) for Freshman students**

### **Publications:**

1. **Amal. Y. Al-Yasiri**, C.S.Cutler, , L. Watkinson, T. Carmack, C. J.Smith, , M. Kuchuk, M. Khoobchandani, K. K. Katti, S. K. Loyalka , K.V. Katti, “Production and In Vivo Evaluation of Radioactive MGF-<sup>198</sup>AuNPs for Prostate Cancer Treatment” a poster was introduced and won in 21st International Symposium on Radiopharmaceutical Sciences in May 2015.

2. Cathy Cutler, **Amal Al-Yasiri**, Maryna Kuchuk, Sudarshan Loyalka, Lisa Watkinson, Terry Carmack, Charles Smith and Kattesh Katti, “Comparison of in vivo uptake of radioactive gold nanoparticles formulated using phytochemicals” J Nucl Med May 1, 2015 vol. 56 no. supplement 3 1267

3. **Amal. Y. Al- Yasiri**, “Effect of 650 nm Diode Laser on the Cross-Bonding Formation of Human RBC Membrane”, Iraqi J. Comm. Med., July, 2009, Vol. 22 (3).

4. N. F. Habubi, M. S. Hashim and **Amal. Y. Al-Yasiri**, “Structural characterization of gamma irradiated ZnS thin films,” Baghdad Science Journal, 2010, Vol.7(4),

5..B.T. AL- Gailani, T. A. Musa and **Amal. Y. AL-Yasiri**, “Validation and Evaluation the Cross-bonging Technique to detect the Changes in Cell Membrane Protein,” Iraqi journal of community medicine, vol.14 (2). June 2001.PP176-182

### **Honors, Awards and scholarships:**

- Jubilant DraxImage Award for outstanding poster in Targetry/ Radiotherapy poster (Production and In Vivo Evaluation of Radioactive MGF-<sup>198</sup>AuNPs for Prostate Cancer Treatment) in 21st International Symposium on Radiopharmaceutical Sciences in May 2015.
- A competitive full scholarship to study for the Ph.D. in Medical Physics in the USA from the Ministry of Higher Education of Iraq for four years (2009).
- Certificate of Appreciation from the Chancellor of the University of Baghdad (2015)