

Faculty Name: Prof. Hamed Farag	
Education:	<ul style="list-style-type: none"> ➤ 1964 - BS (Physics, Chemistry), Cairo University. ➤ 1971- M.Sc (Physics) Ain Shams University. ➤ 1980 - Ph.D. Physical Chemistry, Cairo University.
Academic experience:	<ul style="list-style-type: none"> ➤ Assistant Researcher, Physics Dept., National Research Center -Egypt Jan.1964 – Sept.1970 ➤ Demonstrator of Radiation Physics Radiotherapy & Nuclear Medicine Department, National Cancer Institute, Cairo University Sept. 1970 – Dec. 1971 ➤ Lecturer assistant of Radiation Physics, Radiotherapy & Nuclear Medicine Department, National Cancer Institute, Cairo University Dec. 1971 – Sept. 1980 ➤ Lecturer of Medical Physics Radiotherapy & Nuclear Medicine Department, National Cancer Institute, Cairo University Sept. 1980 – Jan. 1985 ➤ Assistant Prof. of Medical Physics Radiotherapy & Nuclear Medicine Department, National Cancer Institute, Cairo University Jan 1985 – June -1990 ➤ Prof. of Medical Physics Radiotherapy & Nuclear Medicine Department, National Cancer Institute, Cairo University June 1990 - till now ➤ Department of Nuclear Engineering, Faculty of Engineering, Jeddah, Saudi Arabia, Sept 2008 – to date
Certifications or professional registrations	<ul style="list-style-type: none"> ➤ Scientific employee office, Egypt, 1968 till now ➤ Faculty of science Post-graduate Society, Egypt. 19688- till now ➤ Egyptian Atomic Energy Egypt. 1980 till now
Current membership in professional organizations	<ul style="list-style-type: none"> ➤ National Institute for Standards, Egypt. ➤ Egyptian Medical Physicist Society, Egypt. ➤ International Organization of Medical Physicist (IOMP) ➤ Egyptian Academy for Scientific Research & Technology, Egypt
Honors and awards	<ul style="list-style-type: none"> ➤ 45 Years Against cancer, 2013 National Cancer Institute, Cairo Univ., Egypt ➤ Developed countries researcher, 2005, IAEA, Vienna ➤ Best Scientific Publications, 2001 Cairo University, Egypt.
Service Activities	<ul style="list-style-type: none"> ➤ NE Department ABET Committee ➤ Member of several department committees ➤ Member of several departmental and faculty committees in Egypt
Publications & presentations from the past five years	<ol style="list-style-type: none"> 1. H Farag, R Hassan, DI El-Hawary M. Motalab, Radiopharmaceutical and nuclear Medicine Imaging Characteristics of ^{99m}Tc Water Soluble Chitosan Derivatives. British Nuclear Medicine Society Annual Meeting, 21 -24 April 2013, Brighton, UK. 2. Hamed Farag, Ramadan Ali Hassan, Shimaa Mohamed , Potentiality of Melatonin as a Radiation against Hemoglobin Damage in the Experimental Animals Due to Gamma Irradiation, 11th Conference of Radiation Physics and Protection Conference, Cairo, Egypt, 25-28 Nov. 2012. 3. Hamed Farag, Shimaa F. Hemida, K.N. Abdelnour, Tamany H. Abouaiad, M. Alrouby, Nahed S. Hassan, Role of Melatonin in reducing Morphological Changes in Red Blood cell Induced by Gamma Irradiation. Rommanian Biophys. Vol. No. 3, P. 100- 113, BUCHAREST, 2012.

4. Hamed Farag, Maher Al Elsabe, Osiris Wanes and Dalia El Hawary , Radiopharmaceutical and Nuclear Medicine Imaging Characteristics of ^{99m}Tc Water soluble Chitosan Derivatives, International Conference of Radiopharmacy and Radiopharmaceuticals. Netherland, Amsterdam, 13- 15 May 2012.
5. Hamed Farag, Sh.F. Hemida, K.N. Abdelnour, T.H. Abouaiad, M. Alrouby., Protective Effect of Melatonin on hemoglobin damage induced gamma irradiation, Romanian J. Biophys. Vol. 21 No. 4 p.317-329, Bucharest, 2011.
6. Hamed Farag, Dalia L. Hawary, Mohamed A. Motaleb, Osiris W. Guirguis and Maher Z. Elsabee, Water-soluble derivatives of chitosan as a target delivery system of ^{99m}Tc to some organs in vivo for nuclear imaging and biodistribution, J Radioanal Nuc Chem, 200- 210, 2011.
7. Hamed Farag, Dalia L. Hawary, Mohamed A. Motaleb, Osiris W. Guirguis and Maher Z. Elsabee, Lactosaminated N-Succinyl-chitosan as a liver targeted carrier of ^{99m}Tc in- vivo for nuclear imaging and biodistribution. J. Label. Comp. Radiation, vol. 54, ISSUE10, 637-683, August, 2011.
8. Hamed Farag, Maher Al Elsabe, Osiris Wanes, Mohamed Abd El-Rahman, Dalia El Hawary, Radiolabeling, Biodistribution and Scintigraphic analysis of Chitosan Derivatives, 10th World Federation of Nuclear Medicine and Biology. (WFNMB 2010) South Africa, Cap Town. 18-23 Sept. 2010.
9. Hamed Farag and Khaled Talab, Role and Experience of PET lymphoma imaging in Egypt, International Positron Tomography Conference. Dec. 10 – 15, 2007, Bangkok, Thailand.
10. Hamed Farag, Tarek M. Hessein , Gamal Alshofy S.H.A. Al-Lehyani and Hany A. Shousha, New Medical Internal Radiation Dosimetry Simulation (WIRDST) for Thyroid Cancer Patient and Workers in the Nuclear Medicine Unit, 9th World Congress of Nuclear Medicine and Biology, October 22-27, Seoul, Korea.
11. H.I. Farag, B. M. Moharam, M. Kamal, A. El-bediwi, Aida Radwan, H. Shousha, H.F. Aboshieasha., Shielding Characteristics of Home Made Ternary Bismuth, Lead and Tin Alloys, Radiation Physics and Protection Conference, Banyasouef University, Faculty of Science.
12. Hamed I. Farag, Tarek M. Hessein and Gamal Alshofy, Internal Dosimetric Calculations for Occupationally Exposed Workers., Arab Journal of Nuclear Sciences and Applications. Volume 38, pp 501, April, 2005.
13. M.A. Hassan, M.H.Gaber, E.Esmat, H.I.Farag and H.M. Eissa., Standard Water Phantom Backscatter Factors for Medium Energy X-Rays Roman J. Biophys., Vol. 14, Nos. 1-4, p. 69-79. Bucharest, 2004.

Professional development activities

- International Conference of Radiopharmacy and Radiopharmaceuticals, Netherland, Amsterdam, 13- 15 May 2012.
 - The 51th Conference of British Nuclear Medicine Society, Briton, UK 22- 26 April, 2013.
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