

Curriculum Vitae

Personal Data

Name : Abdel Rahman Mohammad Taha Hereba.

Birth Date : 27/04/1960 .

Citizenship : Egyptian .

Marital status : Married.

Mobile : 0545499795

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Specification :

1-B.Sc. in Physics with grade very good. **May 1982** faculty of science, ***Alexandria University***.

2-M.Sc in Biomedical physics with grade Excellent. **May 1991**
Medical Research institute, ***Alexandria University***.

Title of thesis : the application of atomic absorption spectrometry for the determination of some trace elements in water, Dialysate and blood serum of chronic renal failure patients.

3-Ph.D in Radiation Biomedical physics. **May 2000** Medical Research institute, ***Alexandria University***.

Title of thesis : Assessment of α -radioactive isotopes in Biological materials using track technique.

Scientific Specialization

General field : ***Biomedical physics*** .

Special field : ***Biomedical physics*** .

Employment history:

1-**1986-1991**: Demonstrator, Biophysics Dept, Medical Research institute, ***Alexandria University***.

2-**1991-2000** : Assistant Lecturer. Biophysics Dept., Medical Research Institute, ***Alexandria University***.

3-**2000- 2006** : Lecturer in Clinical Laboratory Science (CLS), College Of Applied Medical Science, ***King Saud University*** .

4- **2006- 2009** : Lecturer, Biophysics Dept, Medical Research Institute, ***Alexandria University***.

5- Current position (**2009-till now**) : Assistant Professor .Electron microscope unit, College of Veterinary and Animal Resources , ***King Faisal University***. P.O. Box 1757 Hofuf, 31982. Al-AHSAA, Saudi Arabia.

6- **2013- till now**: I have been promoted as an associate professor by the continual scientific committee, Supreme Council of Universities

Teaching experiences:

1-Practical laboratory teaching (Electricity, Magnetism, Optics).At Faculty of Education, Alexandria University.(1986)

2-Experimental Design, Electron microscopy, Principles of radiation physics, Radiation biology, bio transport, Introduction to theoretical molecular bio physics and mathematics .At Medical Research Institute, Alexandria University.(2006-2008).

3-Applied Physics, Optical Instrumentation, Automation, Electron microscope (Principal, Physical properties and Specimen preparation). Collage of Applied Medical Science, King Saud University (KSU) (2000-2006).

4-Scientific language, Electrical Engineering, Health Technical Institute. Ministry of Health Egypt.(2007).

PUBLICATIONS:

- 1- M. F. servidio, E.I.Mohammad, C. Maiolo, A.T. Hereba, F. Perrone, P. Garofano, L. Iacopino. Analysis of body water compartments after a short sauna bath using bioelectric impedance analysis. *Acta Diabetol* (2003) 40:S207-S209.
- 2- E.I. Mohammad, C. Maiolo, A.T. Hereba, A. De Lorenzo. A comparative analysis of body water for Egyptian patients with *Schistosoma Mansoni* infection. *Acta Diabetol* (2003) 40:S293-S296
- 3- E.I. Mohammad, S.I. Shlaby, A.T. Hereba and T. Aboul-Azm. Quantitative ultra structural changes of glomerular capillary in patients with type II diabetes and microalbuminuria. *Egypt. J. Biophys* (2004), 10:No.2:135-155
- 4- M.A. Elbelbessy, A.T. Hereba. Effect of viscosity and surface tension on erythrocytes adhesion. *J. Current applied physics* (2009), 9: 872-874.
- 5- M.M. Shawki, A.M. Hereba, Abeer Ghazal. Formation and characterization of antimicrobial dextran nanofibers. *Romanian J. Biophysics* (2010) 20:335-346. Bucharest.
- 6- Mamdouh M. Shawki, Abdel Rahman M. Hereba. Using electrical Impedance tomography in following up skin conductivity change for different sonophoresis conditions. *J. Biophysics and structural Bio.* (2012) 4(1), pp.13-20.
- 7- Magdy M. Youssef, Yehia A. Hussein, Abd Rahman Heraba, Saad S, Al Shokair. Forensic biological identification of mammal species Through DNA barcodes. *BioCHEMISTRY an Indian J. BCIJ.* (2012). 6(3).

8- Abdel Nasser Ismail Adam, Abdel Rahman M.Taha. *Effect of electro-Magnetic field on thyroid functions in rats.*Bulletin of High institute of Puplic Health. (2008). 38 No.3.

9-Abdelrahman T.Hereba, Mohamed A.Elblbesy and Mamdouh M.Shawki. *Study of the Effect of Magnetic Microspheres on Some Biophysical Parameters of Human Blood (In vitro Study).* Journal of biotechnology&Biomaterials. (2012) 2:4.

10- Mohamed A. Elblbesy, Abdel Rahman M. Hereba, and Mamdouh . M. Shawki. *Effects of aspirin on rheological properties of erythrocytes in vitro.*International Journal of Biomedical Science.(2012),8(3):16-21.

11-Mamdouh M. Shawki and Abdel-Rahman M.Hereba.*Dose Related Relationship of Depleted Uranium Associated with certain Blood Electrical Properties.*Am.J.Biomed.Sci .2014,6(2),117-127.

12-Amany A.Ghazy,Salma Y.Abu ElNazar,Hossam E.Ghoneim,Abdul Rahman M.Taha and Amira M.Abouella. *Effect of murine Exposure to gamma rays on the interplay between Th1and Th2 lymphocytes.*Front.Pharmacol.(2015),6:74.

13- Salma Y.Abo Elnazer, Amany A.Ghazy,Hossam E. Ghoneim,Abaul-Rahman M. Taha and Amira M. Abouelella. *Effect of ultra violet irradiation on the interplay between Th1 and Th2 lymphocytes.* Front.Pharmacol.(2015),6:56.

14-A.M.Hereba, M. A. Hamouda* and F. A. Al-Hizab (2015): Pathological and molecular diagnosis of paratuberculosis among dromedary camel in Saudi Arabia. *The Journal of Animal&Plant Sciences*,25(4):997-1002.

15- A.M.Hereba, M.S.Shathele and M. A. Hamouda(2016): Studies on experimental infection with aspergillus fumigatus in ostrich chicks. *The Journal of animal& Plant Sciences*,26(6):1609-1613

حضور دورات تدريبية :

- ١- استخدام التكنولوجيا فى التدريس . جامعة الاسكندرية.
- ٢- تقييم التدريس . جامعة الاسكندرية.
- ٣- إعداد كتابة البحوث العلمية ونشرها دوليا . جامعة الاسكندرية
- ٤- آداب وأخلاقيات المهنة . جامعة الاسكندرية .
- ٥- تطبيقات التكنولوجيا الحيوية . جامعة الاسكندرية .
- ٦- التعامل مع فشل البحوث وتحويله الى نجاح .عمادة تطوير التعليم الجامعى- جامعة الملك فيصل.
- ٧- توجهات حديثة في تصميم الموقف التعليمى .عمادة تطوير التعليم الجامعى- جامعة الملك فيصل.
- ٨- بناء الفرق البحثية وفن ادارتها .عمادة تطوير التعليم الجامعى- جامعة الملك فيصل.
- ٩- الاشراف على الرسائل الجامعية في مرحلة الدراسات العليا .عمادة تطوير التعليم الجامعى- جامعة الملك فيصل.
- ١٠- تحكيم البحوث العلمية:المهارات والمعيير العالمية .عمادة تطوير التعليم الجامعى- جامعة الملك فيصل.

11- Course Design, Deanship of Development and Quality Assurance.KFU.

12- Faculty Member as Leader – Manager, Deanship of Development and Quality Assurance.KFU.

13- Infusing Skills in Academic Courses, Deanship of Development and Quality Assurance.KFU.

14- Learning Outcomes and Methods of Measurement, , Deanship of Development and Quality Assurance.KFU.

المؤتمرات

-المؤتمر العربي الثاني للفيزياء الحيوية و النمذجة الرياضية – جامعة الازهر- اغسطس- ٢٠٠٧ .

-المؤتمر الدولي الاول لهندسة الأنسجة. مكتبة الاسكندرية - فبراير – ٢٠٠٩ .

-الملتقى التاسع والعشرون لجمعية علوم الحياة- فبراير-٢٠١٤ . الدمام.