

Curriculum Vitae

Personal Data:

- **Name:**Reda Soliman Eldemerdash.
- **Nationality:** Egyptian.
- **Date of Birth:** December 6, 1965.
- **Place of Birth:** Dekernis, Dakahlia, Egypt.
- **Address:** Dekernis – 2 Omar Ebn El-khattab St, Egypt.
- **Religion:** Muslim.
- **Martial Status:** Married.
- **Tel:** Home: 050/2532681, Mobile: 01023511299
- **e-mail :** reda_eldemerdash@yahoo.com

Qualifications:

B.VSc.:1989 Good; Faculty of Veterinary Medicine, Zagazig Univ.

M.V.Sc.: 1999; Faculty of Veterinary Medicine, Zagazig Univ.

- Clinicopathological study on the use of magnetic power in urethral resistance : an experimental study in dog.
- This thesis examines the effects of magnetic power in urethral resistance for treatment of female urinary incontinence.
- This work was done in research unit in Urology and Nephrology center, Mansoura University and published in *British Journal of Urology*.

Ph.D. 2005 : Faculty of Veterinary Medicine, Zagazig Univ.

"Metabolic impact of incorporation of intestinal segment into urinary tract in dog, 2005".

● **Publications:**

1-Ali –El-Dein ,B., **EL-Demerdash, R .**, N.G. and Ghoneim, M.A. : A magnetic device for increasing the urethral resistance to flow : an experimental study in female dog . BJU Int., 85: 150-154 ,2000..

2-Bazeed S M, Yakout A.Y.El-Senosy, El Adl,M.A.Bazeed,A.M, Mohammed F.Hamed and **El-Demerdash,R.Effect** of moringa oleifera aqueous leaf extract on gentamicin nephrotoxicity in rats.2015,*Mansoura veterinary medical journal*.,17:23-15-2023.

3- **Reda Eldemerdash1**, Hussam Ahmed El-Gayar¹, Samar Abdullah Salim² and A.F.Abdel-Aziz³. Hepato-Protective Effect of Aqueous Extract of Silybum- Marianum against Carbon Tetrachloride Induced Liver Injury in Rats. *International Journal of Research Studies in Biosciences. Volume 4, Issue 2, February 2016, PP 1-12.*

4-**Reda soliman eldemerdash**.manufacturing of plant and animal oil reminants.*science and technology journal*.SA.(98),48-51,2010.

5- Abeer Atef Shalan¹ ElSaid ElShirbini Elsaid² , Mahmoud Gamil ElSebaei²and **Reda Eldemerdash³**. Effects of aqueous extracts of Moringa oleifera on lipid profile of tamoxifen-induced atherosclerotic rats. . *International Journal of Research Studies in Biosciences. Volume 4, Issue 6, June 2016, PP 1-7.*

6-Tahani Amer Mohamed¹, Mohamed Fathy Abouel-Nour¹, **Reda soliman Eldemerdash²** and Dina Ahmed Ibrahim Ibrahim Elgalady¹. Therapeutic Effects of Bone Marrow Stem Cells in Diabetic Rats. *J Comput Sci Syst Biol. Volume 9(2) 058-068 (2016) – 59.*

7- Sherif M Abd El-Hamid,; **Reda S El-Demerdash,**; Huda F Arafat, and sadeek sadeek. Spectroscopic studies and thermal analysis of mononuclear metal complexes with moxifloxacin and 2,2'-bipyridine and their effects on

acute lung injury induced by hydrochloric acid in rats. Spectrochimica Acta Part A. submissions to Elsevier supports ORCID,2016.

8- 1Azza Hussein¹, Rasha, F Ahmad², H.F.H. Arafat³ and R.S. **El-Demerdash**⁴ Comparison of Ferulic acid and sildenafil, therapeutic role against testicular injury induced by cadmium chloride in adult male albino rat. International Journal of Research Studies in Biosciences.

9- Ashgan Abo Elmaaty Abd Ellatif¹, **Reda El-Demerdash**² Non Acceptable Side Effect Profile of Diuretics in Treatment of Hypertension. International Journal of Research Studies in Biosciences. Volume 5, Issue 2, February 2017, PP 1-4.

Scientific activities:

Scientific international training courses:

WORKSHOPS ATTENDED in King Abdulaziz City for Science and Technology, saudi arabia

١-اللقاء العلمى التاسع عشر بعنوان : صياغة معايير طبية جديدة لجراحة الفم للمرضى الذين يستخدمون الادوية المسيلة للدم (الوارفرين) والمنعقد يوم الاحد ٣٠-٣-٢٠٠٨

٢- حمى الوادى المتصدع : الرصد والتشخيص والمكافحة ١٣-٥-٢٠٠٨

٣- الاخلاقيات الحيوية ونظام اخلاقيات البحث على المخلوقات الحية ٢٧-٤-٢٠١١

٤-الوقود الحيوى : الايجابيات والسلبيات ١٥-٤-٢٠١٢

5- The 13th international training course in invasive ladder cancer and urinary diversion techniques, Urology & Nephrology Center, Mansoura, Egypt, 14th - 19th October, 2012.

6- The 14th international training course in uro-laparoscopy , Urology & Nephrology Center, Mansoura, Egypt,18th - 22th November, 2012.

7- The 4th international training course on techniques in reconstructive, Urology & Nephrology Center, Mansoura, Egypt, 2nd - 7th February, 2013.

8- The 2nd international pediatric urology training course , Urology & Nephrology Center, Mansoura, Egypt,18th - 23th May 2013.

9- The 15th international training course on uro-laparoscopy, Urology & Nephrology Center, Mansoura, Egypt, 23th - 26th June, 2013.

10- The 16th international training course on uro-laparoscopy, Urology & Nephrology Center, Mansoura, Egypt, 19th -23th October, 2014.

11- The 19th international training course on uro-laparoscopy, Urology & Nephrology Center, Mansoura, Egypt, 13th -16th November, 2016.

12- The 2nd reconstructive pediatric urology training course, Urology & Nephrology Center, Mansoura, Egypt, December 12-15, 2016 Mansoura – Egypt.

13-Member of the organizing committee in first international workshop on basic techniques in molecular and cell biology in Urology and Nephrology Center ,Mansoura,Egypt September , 2013.

14- Training workshop on laboratory risk management 28-30 september,2013, UNC,Mansoura University, Mansoura, Egypt.

15- Attend and completed training course on : Quality standards in the education process 1-2 December 2013 (15 hours).

16- Attend and completed training course on : International publishing of scientific research 12-14 January 2014 (15 hours).

17- Attend and completed training course on :ENDNOTE 2-2-2014 to 6-2-2014 from program ICTP.

18- Attend and completed training course on :SPSS 23-2-2014 to 6-3-2014 from program ICTP

19- Attend and completed training course on : Use of technology in teaching 11-12 May 2014 (15 hours).

20- Attend and completed training course on : communication skills 26-27 October 2014 (15 hours).

21- Attend and completed training course on :Strategic Planning 2-3 November 2014 (15 hours).

22- Attend and completed training course on :Managing Time and Meetings 4-5 January 2015(15 hours).

23- Attend and completed training course on : Isolation ,purification and proliferation of stem cells from fetal origin .At colors for research from 29-30 April,2015.

24-participated in the 5th international training course in scientific writing and publication 12-14 August,2015 Mansoura,Egypt.

25-Attendance for active participation in the first Annual National Conference for Experimental Research 5th sep. 2015 Children Hospital Mansoura University.

26- Attendance and Participated in the 5 th International Conference on Biology and Environmental Science From 21 – 25 March,2016 Mansoura – Sharm Eli Sheikh .

Reviewing

1-Reviewer of the manuscript entitled : “ Toxic effect of azadirachtin of neemix -4.5 on SWR /J mice” in Saudi journal of biological sciences , MS No : 43-2008.

2-Reviewer of the king Abdulaziz City for Science and Technology

- Proposal no. L.G. 13-18 entitled “ Role of pentraxin 3 in atherosclerotic diseases “ which submitted to king abdulaziz city for science and technology (KACST) Saudi Arabia . personal ID. 14511 (2008) .
- Proposal no. L.G. 14-55 entitled “ Study of drug resistance of anti-platelete in patient with heart and blood circulatory diseases “ which submitted to KACST (2009) .

| اسم الجهة | البرنامج | نوع البحث | عنوان البحث | رقم البحث |
|--|------------------------|------------|--|-------------------|
| جامعة الملك سعود | برنامج المنح التطبيقية | بحوث كبيرة | طرق مبتكرة للتشخيص والعلاج المبكر للسرطان باستخدام نواقل نانوية أثناء التصوير بالرنين المغناطيسي | ت ك -١٠ ٢١٢ |
| جامعة الملك سعود | برنامج المنح التطبيقية | بحوث كبيرة | الانتشار والتشخيص الجزيئي لمرض الكلى بين سكان المنطقة الشرقية من المملكة العربية السعودية | ت ك -١١ ٣٠٧ |
| مستشفى الملك فيصل التخصصي ومركز الأبحاث بجدة | برنامج المنح التطبيقية | بحوث صغيرة | مدى فاعلية استخدام فحص الحمض النووي للكشف عن الملاريا لعينات المتبرعين بالدم | ت ص -١١ ٤٥٧ |
| جامعة الملك سعود بن عبد العزيز للعلوم الصحية | برنامج المنح الأساسية | بحوث كبيرة | دراسة وتحديد الاختلافات الجينية الجزيئية عند المرضى السعوديين المصابون بمرض التصلب اللويحي المتعدد | ا ك -١٢ ٦٢٨ |

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|-----------------------------|------------------------|------------|---|-------------------|
| جامعة الملك فيصل في الاحساء | برنامج المنح التطبيقية | بحوث كبيرة | فحوصات اكلينيكية ،وبائية ومعملية عن النفوق في العجول والحملان حديثى الولادة مع الاشارة الى اجراءات الوقاية والسيطرة | ت ك -١١ ٣٦٧ |
| جامعة تبوك | برنامج المنح التطبيقية | بحوث كبيرة | مسح لمضادات السرطان والسكرى والمشتقات الدوائية ذات الصلة من مستخلصات نباتية مصنفة والمركبات النشطة بيولوجيا من البيئة النباتية المتنوعة فى منطقة تبوك فى المملكة العربية السعودية :التاثيرات المتعلقة باكتشاف الادوية | ت ك -١٢ ٩٩٠ |
| جامعة الملك سعود | برنامج المنح التطبيقية | بحوث كبيرة | استخدام الليزر الجراحى فى علاج الجلد الداكن | ت ك -١١ ٨١٢ |
| جامعة طيبة | برنامج المنح التطبيقية | بحوث كبيرة | استهداف متشابك الميتوكوندريا العصبى والتخليق الميتوكوندى لعلاج الاختلالات النفسية فى أدمغة الفئران | ت ك -١٢ ٨٥١ |
| جامعة الملك عبد العزيز | برنامج المنح التطبيقية | بحوث صغيرة | مدى انتشار ومسببات مشاكل الذاكرة والتفكير فى مرضى السكر بجدة | ت ص -١٢ ٩٦٧ |

SCIENTIFIC SUPERVISION:

Coinvestigator in the project entitled Assessing the Impact of Environmental Pollution on Organ Damage and the Impact of Stem Cells in Therapy: An Experimental Study in Male Rats. In princess Nourah Bint Abdulrahman University in 2015 .

M. Sc. biochemistry, 2015. biochemistry Department, Faculty of Science, Mansoura University, Mansoura , Egypt.

Title of thesis: Hepato-protective Effect of Aqueous Extract of Silybum marianum against carbon tetrachloride induced liver injury in rats

M. Sc. Biochemistry, 2015. Biochemistry Department, Faculty of veterinary medicin, Mansoura University, Mansoura, Egypt.

Title of thesis: Effect of moringa oleifera leaves on atherosclerosis in rat.

PhD. Biochemistry,2015. Biochemistry Department, Faculty of veterinary medicin, Mansoura University, Mansoura, Egypt.

Title of thesis: Protective effect of stem cell in experimentally induced testicular damage by cadmium chloride in male rat .

M. Sc. Clinical pathology, 2015. Clinical pathology Department, Faculty of Veterinary Medicin, Zagazeg University, Zagazeg, Egypt.

Title of thesis: Clinicopathological study of stem cell and medicinal plants in liver fibrosis induced by carbontetrachloride ,an experimental study in rats.

PhD. Histology,2016. histology Department, Faculty of medicin, Almenia University , Egypt.

Title of thesis The role of undifferentiated mesenchymal stem cells in improvement of ischemic / reperfusion induced acute renal injury in albino rat model .

APPOINTMENTS:

- 1991-2003** **Work and** Trainee at Urology and Nephrology Center, Mansoura University, Egypt.
- 2003-2007** Clininco pathologist in khaleg company , Saudi Arabia, surgery and treatment of horses in ministry of interior, operation like cesarian section, open castration, and all tumour masses ,also induction of stomach tube and Catheterization.
- 2007-2012** Assistant professor, at king abdulaziz city for science and technology , Saudi Arabia.
- 2012-2017** Urology and Nephrology Center, Mansoura University, Egypt .

