

Dr/Amel lotfy Elsawaf

Professor of human physiology, MRI
Alexandria university



Appointments:

- Professor of Human Physiology, MRI, Alex. University November 2018-till present.
- Assistant Professor of Human Physiology, MRI, Alex. University 2008-2018.
- Lecturer of Human Physiology, MRI, Alex. University. 1996-2007.
- Assistant Lecturer of Human Physiology, MRI, Alex. University. 1990-1996.
- Demonstrator of Human Physiology, MRI, Alex. University. 1985-1990.

Qualification:

- Ph.D. zoology in physiology, Faculty of science, January 1996.
- M.Sc. zoology in physiology, Faculty of science, December 1990.
- B.Sc. zoology with grade Excellent, Faculty of science, Alexandria university 1985.
- MS Thesis: Effect of caffeine and Irradiation on carbohydrate and lipid metabolism In Rats.
- Ph.D. Thesis: Effect of gamma radiation and Radioprotective substances (serotonin and vitamin E) On rat liver function

Supervision of thesis:

A-Supervision of several thesis for master and Ph. D degrees (4 thesis):

- 1-The effect of garlic on nitric oxide level in diabetic rats. (2005)
- 2-The protective effect of garlic oil on hepatotoxicity induced by paracetamol in rats. (2009)
- 3-Angiotensin related growth factor and its relationship to insulin status and testosterone level in middle age obese males. (2012)
- 4-Effect of erythropoietin on some cognitive markers in induced diabetic rats. (2014)

B- External examiner for discussion of many masters and Ph. D thesis in Medical Research Institute, Faculty of Medicine and Faculty of Science. Alexandria and Damanhur University- Egypt.

- 1-Role of Alpha-lipoic Acid on toxicity of Endoxan drug in male rats (17-8-2015) Faculty of Science, Alexandria University.
- 2-Evaluating the effect of L-Carnitine on Acrylamide induced toxicity in male rats (22-10-2015) Faculty of Science, Alexandria University.
- 3- The protective effects of some natural antioxidant against cyfluthrin-induced oxidative damage in male rats (24-4-2017) Faculty of Science, Alexandria

Work:

➤ Human Physiology Department
Medical Research institute Alex.
University

Work Location:

➤ 165 El horeya Avenue, 0Z 1561
Alexandria

Contact:

Location:

➤ Egypt/Alexandria

Date of Birth:

➤ 5/9/1964

Marital statutes:

➤ Married +2

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➤ Fayrozit Smouha -Smouha
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University.

• **Additional Information:**

- 1- Participating in Journal of Medical Research Institute and The Egyptian association of advancement of medical basic sciences (EMBAS).
- 2-Participating in scientific seminars which will done in Human Physiology Department every week.
- 3-Participating in practical, written and oral exams for (M Sc and PhD) students.
- 4-Attending in physiology department and medical research institute council.
- 5-Participating in strategic planning

• **Teaching Experience:**

- 1-Coordinator of Environmental Physiology for Ph D students.
- 2-Teaching general Physiology courses for postgraduate (M Sc and Ph D) students.

• **Others Teaching:**

- A-Elementary physiology I
- B -Elementary physiology II
- C-Advanced physiology
- D-Environmental physiology: Teaching Radiation Pollution to PhD students.
- E-Physiology: Teaching physiology of GIT to elective MSc students.
- F-Bioelectric phenomena: Teaching physiology of skeletal muscle to biophysics MSc students.

• **Training Courses:**

Participate in giving Lectures and preparatory courses for research workers (Post graduate) In MRI Alexandria university.

4-Effect of wheat germ oil against testicular toxicity induced by chromium in male rats (18-7-2017) Faculty of Science, Alexandria University.

5-Effect of vitamin E against toxicity of para-nonylphenol on testis and liver of adult rats (17-2-2018). Faculty of Science, Alexandria University.

6-Cannabinoid Regulation of the Expression of G Protein Signaling Regulator 4(RGS4) (25-1-2018). Faculty of Science, Alexandria University-Euro-Mediterranean Master Program of Neuroscience and Biotechnology.

7-Effect of honey on testicular functions in rats exposed to octyl phenol (12-2-2018). Faculty of Science, Alexandria University.

8-Study of the interaction between some antidiabetic drugs and some herbal remedies used for the treatment of diabetes in rats (8-4-2019). Faculty of Science, Damanhur University.

9-Study of the interaction between an anticholesterolemic drug and some herbal remedies that are used for the treatment of obesity in rats (8-4-2019). Faculty of Science, Damanhur University.

10-The effect of 1,25 dihydroxy-vitamin D3 on insulin sensitivity and expression of JNK in diabetes –induced liver complications in rats (9-8-2019). Department of Medical Physiology –Faculty of Medicine –Alexandria University.

Scientific Meeting Attendance:

1-Conference of Medical research institute, (1996-1997)

2-Infection control,26th - 27th November 1998, Alexandria syndicate, Alexandria.

3- 2nd International congress of Alexandria society of Endocrinology & Obesity 7th - 8th April,1999 Sheraton Montaza hotel, Alexandria.

4- The first middle east conference on recent Advances in the management of cancer 20th -22th of October 1999, Medical research Institute, Alexandria university.

5-Recent advances in bronchial asthma, Thursday 31st January 2002, Alexandria syndicate, Alexandria.

6-32nd National congress of Allergy 13-15 February 2005. Sheraton Montaza hotel, Alexandria.

7-10th,11th,12th and 13th conference of medical Research Institute (2003-2007)

8- Symposium of the Egyptian association of advancement of Medical basic science (EMBAS) In faculty of Medicine, Alex university (2004-2006).

9-Satisfactory completion of 6 courses of faculty and leadership Development center (FLDC) Alexandria university (2006-2018).

10-The 15th Conference (3rd International) Medical Research Institute Alexandria University. Advances In Medical Research “From molecular medicine to clinical applications”,20th- 23rd October,2009. Sheraton Montazah Hotel.

11- The 15th Conference (3rd International) Medical Research Institute Alexandria University. Advances In Medical Research “From molecular medicine to clinical applications”,20th- 23rd October,2009. Sheraton Montazah Hotel.

12-The Egyptian association of advancement of medical basic sciences EMBAS. Immuno-vascular disorders, organized by the histology and cell biology department, Monday 22nd March, 2010.Convection Center, Faculty of Medicine, Alexandria university.

13-The 16th Conference (4th International). Medical research institute, Alexandria university, Advances in Medical Research Quality in Medical Education and Practice,19th_22nd October,2010. Sheraton Montazah Hotel, Alexandria.

14-The Egyptian association of advancement of medical basic sciences (EMBAS) and Egyptian association of diabetes (Diabetes, From Theory to Therapy), organized by Medical Biochemistry Department, Faculty of Medicine, Alexandria University. March 24,2011.

15- The 17th Conference (5th International) Advances in medical research (obesity), 13th_16th November,2012. Hilton green plaza hotel, Alexandria.

16- The integrative symposium on renal failure (hand in hand to combat renal failure) April 22nd,2012. At Alexandria Faculty of Medicine. Convention center Under the supervision of The Egyptian Association of Advancement of Medical Basic Sciences (EMBAS).

17-3rd International Alzheimer’s Disease Conference, 30th January- 2nd February 2014, -king Abdelaziz City for Science and Technology. Riyadh, Saudi Arabia.

18- The 10th Integrated Conference that addresses Medicine and the search for the fountain of youth, At Alexandria Faculty of Medicine, Convention Center, April 11th,2013. The Supervision of The Egyptian Association of Advancement of Medical Basic Sciences (EMBAS).

19-The 11th annual conference of the Egyptian association of advancement of medical basic sciences EMBAS (The burn wound: from basics to management), organized by The Medical Microbiology and Immunology Department, The 28th of April 2014. Convention center, Faculty of Medicine, Alexandria University. EMBAS.

20-6th international conference and 18th annual conference), Multidisciplinary approach in cancer management. Medical Research Insitute.23rd_26th of

Scientific Meeting

Attendance:

September 2014.

21-Advances of adiposity and neurocognition.19th of March 2015. Bibliotheca Alexandria.

22- The 13th annual conference of the Egyptian association of advancement of medical basic sciences EMBAS. Understanding lymphoma: translating basic science to clinical practice, organized by The Pathology Department in collaboration with the ECPT.24th of March 2016. Alexandria University, Faculty of Medicine.

23-The 1st annual symposium of human physiology department (Exercise in Health and Disease), 15th of December 2016. Medical Research Institute. Alexandria University.

24-Annual international congress of Egyptian Society of Endocrinology and Obesity 11th -13th May 2016. Bibliotheca Alexandria.

25-International Conference of Society of Pathological Biochemistry and Hematology, 16 february2016. Zoology Department, Faculty of Science, Menoufia University, Egypt.

26-1st International Conference of Society of Pathological Biochemistry and Hematology, 16 February2016. Zoology Department, Faculty of Science, Menoufia University, Egypt.

Scientific Meeting

Attendance:

27-3rd Scientific meeting of Alexandria Physiology Department in collaboration with Alexandria Neuropsychiatry Department, 9th of March 2017, Alexandria University, convention center.

28-The 20th Annual International Congress of Egyptian Society of Endocrinology, Diabetes and Obesity. (ESEO), 10-12 may 2017. Hilton green plaza hotel, Alexandria.

29-The 14th Annual Conference of the Egyptian Association of Advancement of Medical Basic Sciences (EAMBS). Liver Regeneration- Current and Future Trends, organized by Histology and Cell Biology Department. 30th March 2017. Faculty of Medicine, Alexandria University.

30-The 6th Conference of Egyptian Society of Physiological Sciences (ESPS). The 2nd Conference of Human Physiology Department- Medical Research Institute-Alexandria University, Recent Advances in Obesity Research ,9th November 2017.

31-The 15th Annual Conference of The Egyptian Association of Advancement of Medical Basic Sciences (EMBAS). Immunomodulation: A new Era in Medicine, 29th March 2018, organized by Medical Parasitology Department. Faculty of Medicine, Alexandria University.

32-2nd Annual Conference of Clinical Pharmacology Department in Collaboration with Cardiology and Angiology Department.” New Trends in Cardiovascular Pharmacotherapy” March 29, 2018.

33-The 21th Annual International Congress of The Egyptian Society of Endocrinology and Obesity (ESEO 2018) on May 9- 11 ,2018. Hilton green

plaza hotel, Alexandria.

34-11th MDES Menoufia Diabetes and Endocrinology Summit, 22-23 March 2018. Toilp Hotel Alexandria.

35-The 3rd Conference of Human Physiology Department Medical Research Institute-Alexandria University. Recent Advances in Aging. 29th November 2018.

36-1st International Hematology Forum. Hematology Unit –Faculty of Medicine – Alexandria University. 12-14 December2018.

37-The 22th Annual International Congress of The Egyptian Society of Endocrinology and Obesity (ESEO 2019) on 1-2 May 2019. Hilton green plaza hotel, Alexandria-Egypt.

38- Cardio Metabolic Alliance, 18 July 2019 Azur Hotel, Alexandria.

39-24th Annual Conference of The Egyptian Association of Endocrinology, Diabetes and Atherosclerosis. EAEDA-ENDO SUMMIT 2019 in collaboration with The Endocrine SocietyUSA.11-13 September Helnan Palestine, Alexandria.

40-The First Regional Scientific Conference on Art Therapy (Art Therapy between Theory and Practice), 2 November 2019 Conference Center, Faculty of Medicine, Alexandria University.

41-Egyptian Knowledge Bank: Data Base and Tools Alexandria University. Digital Library 01-02 December 2019.

42-Cardio Metabolic Alliance,6 February 2020 Hilton Green Plaza Hotel, Alexandria.

43-19th Edition of Cardio Alex 2020, 7-9 October 2020.Bibliotheca Alexandria.

44-23rd annual international scientific conference of Alexandria clinical oncology department ACOD 21-23 October 2020.alexandira helnan palestine hotel.

45-4th International hematology from 25-26 November 2021 -Golden jewel Alexandria -Egypt

46-1st integrated Qabbary cancer care conference Once Alex2022,10-1 March2022 Helnan Palestine Hotel Alexandria.

47-cardio Alex 7-10 June 2022 Bibliotheca Alexandria -Egypt

48-Merck cardiometabolic metabolic summit 16-17 June 2022 Toilp Hotel Alexandria -Egypt

Workshops:

-Workshop “spirometry”, 9th and 10th of December 2015. Medical research institute. Alexandria university.

Scientific Meeting

Attendance:

List of Publications:

1-Protective effect of vitamin E on chronic liver damage induced by carbon tetrachloride in rats. Bulletin of high institute of public health. October 1997.

2-Serum lipid peroxidation's and antioxidant system in chronic renal failure patients before and after hemolysis. Bulletin of Egyptian society for physiological sciences February 1999.

3-Effect of garlic on nitric oxide level in diabetic rats, Bulletin of high Institute of public health 2005.

4- Elevated serum tumor necrosis factor alpha and ferritin may contribute to the insulin resistance found in have positive Egyptian patients. current medical research and opinion. February 2005.

5-Role of angiotensin - converting enzyme inhibitor on The Functional changes in Radiated rats. Bulletin of high Institute of public Health 2005.

6-Dysfunctional nitric oxide and 8-epi-prostaglandin F2 alpha synthesis in healthy smokers. Bulletin of high Institute of public health 2005.

7-Glucose dependent Insulin- Releasing peptide (GIP) in patients with type II diabetes mellitus with and without autonomic neuropathy Egyptian society. for endocrinology Diabetes and metabolism January 2006.

8-Role of oxytocin as regulator of leptin secretion and its relation to biochemical markers (OPG & RANKEL) on bone resorption and formation. Bull Alex Faculty OF medicine 2006.

9- Effect of vitamin E on blood glucose insulin, Lipid peroxides and antioxidant system of streptozotocin Inducted diabetes in rats. Bulletin of high Institute of public health 2007.

10- Effect of recombinant growth hormone (Rh-Gh) on glycerol induced acute renal failure (ARF) in rats. J of Egypt. Soc.Endocrine., Metab &Diab.2008 (Janaury) 40(1):171-176.

11-Study on the Effect of Swimming Exercise on some Insulin Sensitizing Adipokines in Diabetic Rats: Role of Vaspin. The Alexandria Medical Journal. Vol.45 No.4, October 2012. 650-62.

12-Strength and independence of associations between ghrelin, leptin, adiponectin and insulin in stimulating basic functions to energy metabolism. Alexandria Journal of Medicine (2014)50, 49-59.

13-Relationship between testosterone, sex hormone binding globulin, angiopoietin related growth factor and insulin resistance in normal weight and obese men. Alexandria Journal of Medicine (2014)50, 37-44.

List of publications:

14-Mitochondrial Bioenergetics as a causal factor of obesity induced insulin resistance. The Alexandria Medical Journal. Vol.57 No.3, July 2015.500-11.

15-Niacin Suppresses Ovalbumin-Induced Asthma in Mice. The Alexandria Medical Journal. Vol.58No.2, April 2016.442-53.

16-Hepatoprotective activity of quercetin against paracetamol induced liver toxicity in rats. Tanta Medical Journal.Vol.45No.2, April-June2017.92-8.

17-Effect of Raloxifene on some Cognitive Markers and Homocysteine Levels in Ovariectomized Rats. Egypt. j. biomed. sci. Vol.51, March 2017. 29-40.

18-Erythropoietin Ameliorates Diabetic Neurodegenerative Effect by Modulating the Antioxidant- Oxidant Imbalance and Apoptosis in Diabetic Male Rats. Jordan Journal of Biological Sciences (JJBS). Volume 11, Number 3, July 2018. 339-45.

Research Experience:

- Endocrinology
- Hematology
- physiology
- Radiobiology
- Nephrology.

List of publications:

