
Curriculum Vitae

(17/11/2023)

Personal Details

Name: Eman Younes Khairy Mohamed

Date of Birth: 23/04/1975

Religion: Moslem

Job: Lecturer in Human Physiology Department, MRI, Alex.

Contact

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Affiliation

Egyptian

Qualification

1- MBBCH, Faculty of Medicine, Alexandria University.1998, with grade

"Very Good with Honors".

2-Master degree in clinical physiology, MRI, Alex University. 2006

3- Ph. degree in clinical physiology, MRI, Alex University. 2013

Conferences and Scientific meetings

-Member in the Egyptian Association of Medical Basic Sciences (EAMBS).

Attended the following symposium:

- 1- Septic shock 27th December, 2004.
- 2- Hand in Hand: Combating osteoporosis 4th April, 2005.
- 3- Physical exercise in health and disease 13th February, 2006.
- 4- Breast cancer, hope and cure 26th February, 2007.
- 5- Parasitic liver diseases. 30th March, 2009.
- 6- Immunovascular Disorders. 22nd March, 2010.
- 7- The 16th Conference (4th International) Medical Research Institute. Advances in medical research: Quality in Medical Education and Practice 19th -22nd October, 2010.
- 8- Diabetes from theory to therapy. 24th March, 2011.
- 9- Hand in hand: To combat renal failure. 22nd April, 2012.
- 10- The 17th Conference (5th International), Medical Research Institute. Advances in medical research: Obesity 13th -16th November, 2012.
- 11- Medicine and the search for the fountain of youth. 11th April, 2013.
- 12- The burn wound: from basics to management. 28th April, 2014.
- 13- The 18th Conference (6th International) Medical Research Institute. Multidisciplinary Approach in Cancer Management 23-26 September 2014.
- 14- Advances in adiposity and neurocognition. 19th March, 2015.

- 15- The Egyptian Congress Of Pediatric Pulmonology.27-29 May 2015.
- 16- Speaker at: Workshop Pulmonary Function Test Course 1& 2- The Egyptian Congress of Pediatric Pulmonology. ECPP. 27-28 May 2015.
- 17- The 13TH Annual Conference of the Egyptian Association of Medical Basic Sciences (EAMBS). Understanding lymphoma: translating basic science to clinical practice. 24th March, 2016.
- 18- Speaker at: The 3rd Egyptian congress of pediatric pulmonology- ECPP. 25-27 May, 2016.
- 19-Speaker at: The 1st Annual Symposium of Human Physiology Department. Medical Research Institute. Exercise in Health and Disease. 15th December, 2016.
- 20- The 3rd Scientific meeting of Alexandria Physiology Department in collaboration with Alexandria Neuropsychiatry Department. 9th March, 2017.
- 21-The 14th Annual Conference of the Egyptian Association of Medical Basic Sciences (EAMBS). Liver regeneration- Current and future trends. 30th March, 2017.
- 22-The 20th Annual International Congress of Egyptian Society of Endocrinology, Diabetes & Obesity-ESEO. 10-12 May, 2017.
- 23- Speaker at: The 4th Egyptian congress of pediatric pulmonology- ECPP. 16-19 May, 2017.
- 24- The 6th Conference of Egyptian Society of Physiological Sciences (ESPS)
The 2nd Conference of Human Physiology Department. Medical Research Institute. 9th November, 2017.

25- The 15th Annual Conference of the Egyptian Association of Medical Basic Sciences (EAMBS). Immunomodulation: A new era in medicine. 29th March, 2018.

26- Speaker at: The 5th Egyptian congress of pediatric pulmonology- ECPP. 8th - 11th May, 2018.

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

28- The 16TH integrated conference of the Egyptian Association of Medical Basic Sciences (EAMBS). Fever updates. 23rd April, 2019.

29- Speaker at: The 6th Egyptian congress of pediatric pulmonology- ECPP. 30th April – 3rd May, 2019.

30- Lecturer in the European diploma in pediatric respiratory medicine. Organized by the ERS & EPPS societies (for HERMES) 2022-2023

31- The 17TH Annual Conference of the Egyptian Association of Medical Basic Sciences (EAMBS). Save Your Kidney. 9th March, 2023.

32- The 4th scientific meeting of Alexandria physiology department. Advances in reproductive physiology & new technologies. 15th March, 2023.

33- The 7TH international conference of the Medical Research Institute. Milestone in cancer research from genomics to practice. Action in challenging times. 13-14 May 2023

Publications

- 1-El-Akkary IM, El-Ghazali M, **Younis I.** Study the effect of 12-weeks rehabilitation program on exercise capacity and disease severity in asthmatic children. JMRI 2006; 27: 45-52.
- 2-El-Akkary IM, El-Seweify ME, Mohamed MM, El-Yamany MM, **Khairy EY,** Salama OA. The role of beta-2 adrenergic receptor gene polymorphism in the pathophysiology of asthma associated with obesity. JMRI 2015; 36: 76-84.
- 3-El-Akkary IM, El-Ghazali M, Ghonem HM, **Khairy EY,** Salama OA, Abbas IM. Asthma-obesity neutrophilic inflammation as a distinct phenotype. JMRI 2016; 37: 42-49.
- 4-El-Seweify ME, Ibrahim MS, Ghonem HM, Aly YE, **Khairy EY.** Study of the modulatory effect of sex hormones on T-helper cells balance in the pathophysiologic association between obesity and asthma. Alexandria Med J 2016; 58(2): 424-441.
- 5-El Akkary IM, El-Seweify ME, El Sawaf GA, El Batouti GA, **Khairy EY,** Salama OA. Association of *Chlamydia pneumoniae* infection in the pathophysiology of airway remodeling in bronchial asthma. Clinical Medicine and Diagnostics 2017, 7(2): 40-7.
- 6-**Eman Y. Khairy** & Maha M. Attia (2021) Protective effects of vitamin D on neurophysiologic alterations in brain aging: role of brain-derived neurotrophic factor (BDNF), Nutritional Neuroscience, 24:8, 650-659.
- 7-Ibrahim M. El Akkary, **Eman Y. Khairy,** Ola A. Salama, Ghada Abu Sheasha, Nancy Daa Moussa. Use of Area under the Expiratory Flow-volume Curve and Rectangular Area Ratio in Detecting Ventilatory Impairments in Spirometry: A Pilot Study. Bull. Egypt. Soc. Physiol. Sci. 2021; Vol. (41) Issue (2), 258- 269.
- 8-Mamdouh M. El-Yamany, Samia Elewa, **Eman Y. Khairy,** Ola A. Salama, Noha S. Kandil, Mona Sherif. Effect of Different Acute Exercise Intensities on the Inflammatory Markers in Overweight and Obese Subjects. Bull. Egypt. Soc. Physiol. Sci. 2021; Vol. (41) Issue (3), 283-295.

9-**Khairy, E.Y.**, Salama, O.A. Effect of exercise on the hypothalamic–pituitary–gonadal axis in a rat model of Alzheimer’s disease. *Sci Rep* **13**, 14300 (2023). <https://doi.org/10.1038/s41598-023-41415-8>

10-**Khairy, E.Y.**, Saad, A. Relationship between the thrombospondin-1/Toll-like receptor 4 (TSP1/TLR4) pathway and vitamin D levels in obese and normal weight subjects with different metabolic phenotypes. *J Physiol Sci* **73**, 29 (2023). <https://doi.org/10.1186/s12576-023-00887-z>

Professional Experiences:

- 1- Demonstrator Clinical Physiology, Medical research Institute, Alexandria University (2001-2006).
- 2- Assistant Lecturer Clinical Physiology, Medical research Institute, Alexandria University (2006-2013).
- 3- Lecturer Clinical Physiology, Medical research Institute, Alexandria University (2014-till now).
- 4- Pulmonary function tests using spirometry.
- 5- Methacholine challenge test (Airway hyper-reactivity tests).
- 6- Exercise challenge testing.
- 7- Respiratory muscle drives testing.

Training courses:

- 1-Toefel preparation program from 18/6/2003 to 13/8/2003 with a general grade very good 597/700
- 2-Thinking Skills 20-23/11/2004
- 3- Effective Communication Skills 28-31/5/2005
- 4- Effective Teaching 16-19 /12/2006

- 5- Research Methodology 16-19 /12/2006
- 6- Use of Technology in Teaching 5-7/6/2010
- 7- The credit hour system 22-24/6/2010
- 8- International Publishing of Scientific Research 26-28/6/2010
- 9- Research Ethics 29/6-1/7/2010
- 10- Quality Standards in the Education Process 3-5/7/2010
- 11- Legal and Financial Aspects in University Environment 6-8/7/2010
- 12- Designing and Developing the Digital Content 11-12/10/2017
- 13- University Legal & Financial Aspects 16-17/10/2017
- 14-Funded research implementation and research team management 25-26/10/ 2017
- 15- International Publishing of Research 6-7 /12/2017

Thesis Supervision:

- 1- The inflammatory response to acute exercise in obese and non-obese subjects. (Master Thesis)
- 2- Study and Evaluation of the Use of Proteinase-3 as a Biomarker in COPD Patients. (PhD Thesis)