

CURRICULUM VITAE

Dr. Hebatallah Mohammed Aboudeya,

Lecturer of Human Physiology, Medical Research Institute, Alexandria University

Personal Information

- Name: Dr. Hebatallah Mohammed Aboudeya
- Date of Birth: 10th of April 1986
- Place of Birth: Kafr El Sheikh
- Address: Sedi Beshr Fisal city, Alexandria
- Telephone: 03 5343732
- Email address:
- Hebatallah.mohamed@alexu.edu.eg
- drheba_mohammed@yahoo.com
- Mobile: 01222997163

Qualifications

- Bachelor of Science, Faculty of Science, Alexandria University 2007.
- Master Degree in Physiology, Zoology department, Faculty of Science, Alexandria University 2013.
“The role of prolactin in bone metabolism in adult female rats”.
- PhD Degree in Physiology, Zoology department, Faculty of Science, Alexandria University 2017.
“Effect of induced hypothyroidism on fatty liver disease: Possible role of visfatin”.

Positions Held:

1. Demonstrator of Human Physiology, Medical Research Institute, Alexandria University, Egypt (2008-2013).
2. Assistant lecturer of Human Physiology, Medical Research Institute, Alexandria University, Egypt (2013-2018).
3. Lecturer of Human Physiology, Medical Research Institute, Alexandria University, Egypt (2018-present).

Research Experiences

A- Conference Presentations:

- Participated as a speaker in 1st annual symposium of Human Physiology Department, Medical Research Institute, Alexandria University. Exercise in Health and Disease 2016.
- Participated as a speaker in the 3rd conference of Human Physiology Department, Medical Research Institute, Alexandria University. Recent advances in Aging 2018.

B- Attendance of Conferences & Scientific Meetings:

- The 7th International conference and 19th Annual conference of Medical Research Institute, Alexandria University. Milestone in cancer research from genomics to practice, Action in challenging times. May 2023.
- The 4th scientific meeting of Physiology department, Faculty of Medicine, Alexandria University. Advances in reproductive Physiology and new technologies. March 2023.

- The 16th integrated conference of the Egyptian Association of advancement of Medical Basic Sciences (EAMBS), Faculty of Medicine, Alexandria University 2019.
- The 6th conference of Egyptian Society of Physiological Sciences (ESPS) & the second conference of Human Physiology department, Medical Research Institute, Alexandria University. Recent advances in obesity research 2017.
- The 6th International conference and 18th Annual conference of Medical Research Institute, Alexandria University. Multidisciplinary approach in cancer management 2014.
- The 2nd scientific meeting for scientific committee, Medical Research Institute. Alzheimer 2012.
- The 15th conference (3rd International), Medical Research Institute, Alexandria University. Advances in Medical Research 2009.

C- Workshops:

- Diploma Supplement in the laboratory Cellular and Molecular Biology of cardiovascular differentiation team under the supervision of Prof. Nadine Thèzè 2006. University of Bordeaux 2, France.
- Attended a workshop of Western blotting, Medical biochemistry department, Faculty of Medicine, Alexandria University 2016.
- Attended a workshop of Laboratory risk management 2013.
- Attended a workshop of Basic techniques in cell culture and stem cell research in the framework of training activities of Health Governace Project (BLS-3 module) funded under the second phase of Italian-

Egyptian Debt for the development Swap Program, Medical Research Institute, Alexandria University 2012.

- Attended a workshop of Fundamentals of molecular biology and bioinformatics, Medical technology center, Medical Research Institute, Alexandria University 2011.

Teaching Experience:

Elective Courses: Physiology

Master Program: Elementary Physiology II (A coordinator)

Quality assurance and other Experiences:

- Worked as a quality coordinator, Human Physiology Department, Medical Research Institute 2018-2020.

List of Publications

- Hebatallah Mohammed Aboudeya; Trez Nagy Michel; Maha Mostafa Attia; Azza Saad Abdou. "Neuroprotective effect of Exercise on Alzheimer's disease in rats: Role of Nuclear Factor Erythroid 2- Related Factor 2 (NRF2)."Bulletin of Egyptian Society for Physiological Sciences, 41, 3, 2021, 331-343. doi: 10.21608/besps.2020.44355.1074.
- Aboudeya, H.M., Shaker, S.A. & Salama, M. Effect of short-term high fat diet on resistin levels and expression of autophagy-related genes in the

cartilage of male rats. *Sci Rep* 12, 15313 (2022).
<https://doi.org/10.1038/s41598-022-19481-1>

- Oriquat G, Masoud IM, Kamel MA, Aboudeya HM, Bakir MB, Shaker SA. The Anti-Obesity and Anti-Steatotic Effects of Chrysin in a Rat Model of Obesity Mediated through Modulating the Hepatic AMPK/mTOR/lipogenesis Pathways. *Molecules*. 2023 Feb 11;28(4):1734. doi: 10.3390/molecules28041734.
- Hafez LM, Aboudeya HM, Matar NA, El-Sebeay AS, Nomair AM, El-Hamshary SA, Nomeir HM, Ibrahim FAR. Ameliorative effects of zinc supplementation on cognitive function and hippocampal leptin signaling pathway in obese male and female rats. *Sci Rep*. 2023 Mar 28;13(1):5072. doi: 10.1038/s41598-023-31781-8.

Google Scholar:

https://scholar.google.com/citations?view_op=list_works&hl=en&user=9Xz-3xQAAAAJ

Supervision of Thesis

- A Ph.D. thesis In Clinical Physiology, Medical research institute, Alexandria.
“Effect of exercise on gene expression of adipose tissue remodeling markers in obese rats”.