

CURRICULUM VITAE



PERSONAL INFORMATION

Nourelhuda Abdelaziz Elsayed Mohammed

Associate Professor of Human Medical Physiology at Faculty of Medicine, Zagazig University.

Gender: Female

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EDUCATION

September 2017 **MD degree**, Faculty of Medicine, Zagazig University, Zagazig, Egypt
(Specialty: Human Medical Physiology).



August 2017 **MD thesis submission**; Dissertation title:
"Value of oxytocin in diet induced obesity and atherosclerosis in albino rats".

May 2016 2nd part exam of MD of Human medical physiology

May 2012 1st part exam of MD of Human medical physiology

October 2011 **Master degree**, Faculty of Medicine, Zagazig University, Zagazig, Egypt
(Specialty: Human Medical Physiology).



May 2011 2nd part exam of Master of Human medical physiology

July 2010 **Master thesis submission**; Dissertation title:
"Effect of cannabinoids on blood coagulation and atherogenic index in experimental animals".

May 2008 1st part exam of Master of Human medical physiology

Special courses: The Master and MD exams were including the following special courses:

1. Physiology of Nerve and muscle;
2. General physiology;
3. Physiology of blood and body fluids;
4. Physiology of cardio-vascular system;
5. Physiology of central nervous system;
6. Physiology of digestive system;
7. Physiology of kidney;
8. Physiology of autonomic nervous system;
9. Physiology of special senses;

- 10. Physiology of respiration;
- 11. Physiology of metabolism;
- 12. Physiology of endocrine glands.
- 13. Research methodology.

09/1999-10/2005



Bachelor of Medicine and Surgery, Faculty of Medicine, Zagazig University, Zagazig, Egypt.

General grade: Excellent with Honor degree, percentage: 88.90 %.

PROFESSIONAL EXPERIENCE & POSITIONS HELD

03/2006-03/2007



General practitioner at Zagazig University hospitals.

06/2007-06/2011



Academic Tutor (Laboratory Demonstrator) at Human Medical Physiology Department, faculty of Medicine, Zagazig University,

I was responsible for:

- Demonstrating and managing the students during the practical laboratory lessons.
- Study the normal human physiology with concentration on functional structure of human systems, functions of these systems and regulatory mechanisms for their functions.
- Notify the student about applied physiology and deviations from the normal.
- Prepare the future physicians to be active learner oriented with health and deal with diseases.

07/2011-08/2017

Assistant lecturer at Human Medical Physiology Department, Faculty of Medicine, Zagazig University, Zagazig, Egypt.

09/2017-present



Assistant Professor at Human Medical Physiology Department, Faculty of Medicine, Zagazig University, Zagazig, Egypt.

My duties continue to be focused on the following:

- **Teaching:**
 - Teaching human medical physiology topics **in the following integrated medical programme MODULES:**
 1. Structure and function.
 2. Musculoskeletal system.
 3. Cardiovascular system.
 4. Respiration system.

5. Kidney and urinary system.
6. Central nervous system and special sense.
7. Digestive system.
8. Blood.
9. Neonate and child health.
 10. Reproductive system.
 11. Endocrinal system.
- Teaching students through different strategies including:
 1. TBL (Team based learning).
 2. SGS (small group session).
 3. Flipped class.
 4. Lectures, and practical sessions.
- **Assessment:**
 1. Regular class quizzes.
 2. Mid. Module exam.
 3. OSPE (Objective structured practical exam).
 4. Written exam (short essay & MCQ).
- **Research:**
 1. Guide students in Student Research Projects.
 2. Supervise academic activities of a group of students.

10/2022-present **Associate Professor** at Human Medical Physiology Department,
Faculty of Medicine, Zagazig University, Zagazig, Egypt.



PUBLICATIONS:

- 15.** Effect of Autologous Platelet-Rich Plasma on the Fertility and Quality of Cryopreserved Buffalo Bull Semen: A Comparative Study Using OptiXcell® and Tris Egg Yolk Extenders", Accepted for publication in **BMC Veterinary Research**. **Acceptance Date:** 17 April 2024
- 14.** Bioactive Injectable Mucoadhesive Thermosensitive Natural Polymeric Hydrogels for Oral Bone and Periodontal Regeneration", Accepted for publication in **Frontiers in Bioengineering and Biotechnology**, section Biomaterials. **Acceptance Date:** 19 April 2024
- 13.** Effect of metformin treatment on serum asprosin level changes in rat model of Polycystic ovary, Accepted for publication in **Zagazig University Medical Journal** (ID: ZUMJ-2304-2785 (R1)) **Acceptance Date:** 11 June 2023
- 12.** Combined moderate exercise training and metformin treatment ameliorated rat thyroid dysfunction in polycystic ovary syndrome. **European Chemical Bulletin**, ISSN 2063-5346 Volume -12, Issue-1 (2023)
- 11.** The potential anti-osteoporotic effect of exercise—induced increased preptin level in ovariectomized rats. **Anatomical Science International** Volume 98, Issue 1, January 2023, Page 22-35 **DOI: 10.1007/s12565-022-00666-7**

10. Cardiac and Renal Protective Role of Erythropoietin in a Rat Model of Acute Myocardial Infarction. **Zagazig University Medical Journal (ZUMJ)** Volume 28, Issue 1, January **2022**, Page 35-44
9. Renal Protective Effect of Vitamin D3 in Isoproterenol-Induced Myocardial Infarction in Rats. *European Journal of Molecular & Clinical Medicine* **2021**, 8(2) 1341 -1357.
8. Octreotide (Somatostatin Analogue) Attenuates Cardiac Ischemia/Reperfusion Injury via Activating Nuclear Factor (Erythroid-Derived 2)-Like2 (Nrf2) Signalling Pathway in Rat Model of Hyperthyroidism. *Future Journal of Pharmaceutical Sciences*, **2020**, 6 (105).
7. Hypothyroidism: morphological and metabolic changes in the testis of adult albino rat and the amelioration by alpha lipoic acid. *Folia Morphologica* **2020**, 80(2) 352–362 .
6. Effect of Spexin treatment on cardiometabolic changes in obese type 2 diabetic Rats. *Al-Azhar medical journal* **2020**, 49 (2) 735-758.
5. Vitamin D3 supplementation ameliorates ovariectomy-induced cardiac apoptotic and structural changes in adult albino rats. *Canadian Journal of Physiology and Pharmacology*, **2019**, 97, 647-654.

4. Gender-based relationship between copeptin level and metabolic syndrome in Albino rats. *National Journal of Physiology, Pharmacy and Pharmacology* **2019**, 9 (7), 633-638.
3. Serum adropin as a biomarker for cardiac dysfunction in experimentally-induced male albino rats heart failure model. *Medical Journal of Cairo University* **2019** 87 (8), 4957-4965.
2. Relationship between serum glypican-4 level and metabolic parameters in experimentally-induced-non-alcoholic fatty liver disease in adult male albino rats. *Medical Journal of Cairo University* **2019** 87 (7), 4485-4495.
1. Value of oxytocin in modifying metabolic changes and atherosclerosis in rat model of diet induced obesity. *Al-Azhar Assiut Medical Journal* **2017**, 15 (2), 78- 84.

CONFERENCES:

- The second Annual Conference of Physiology Department *10-15th March, 2018, Cairo, Egypt.*
- The tenth Conference for Diabetes and Endocrinology Unit, *5-6th May, 2010, Zagazig, Egypt.*
- Sustainability of Environmental Development and Health Promotion “Future Vision” *23-25th March, 2009, Zagazig, Egypt.*
- Total Quality in Medicine, a national strategy, *11-12th December, 2007, Zagazig, Egypt.*

PROFESSIONAL MEMBERSHIP

- Member at Student assessment and Evaluation Center at Zagazig University (i.e. internal auditor).
- Coordinator at Quality Assurance and Accreditation Center at Zagazig University.
- Member of Egyptian Medical Association for the study of obesity (EMASO).
- Member of Egyptian syndicate of physicians.

ACHIEVEMENT & AWARDS

- Certification from Faculty and leadership development Center (accredited by **International Board of Certified Trainers**) I have been certified in the Following programs:
 - Strategy planning.
 - Using of technology in learning.
 - Quality parameters in learning process.
 - Ethics of scientific research and research methodology.
 - International publishing.
 - How to compete for a fund.
 - The financial and law side at the university work.
 - Communication skills in the different aspects of learning.
 - Student assessment and evaluation.
 - Credit Hours system.
 - Statistical analysis using SPSS system.
 - Preparation of academic lecturer.
- Certification from **National authority for quality assurance and accreditation of education**. I have been certified in the following program:

- Education programs and courses specification and evaluation of learning outcomes for high education institutes.

SKILLS

- Computer skills (Windows, Microsoft office and Internet).
- Basic statistics (SPSS).

ENGLISH PROFICIENCY

Communication Skill: I have been working in academic career since 2007. During this time, I had to attend weekly meeting to present the progress in the work and the short-term future plan of the projects I had involved in. My Bachelor, Master and Ph.D were solely taught and examined in English.

Writing Skill: I wrote Master and Ph.D. theses.

REFERENCES

Professor Sherif Wageeh Mansour
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