

Curriculum Vitae

I- Personal Information

Name: Mahmoud Mostafa Hassan Taha.

Gender: Male.

Birth date: 1-7-1983.

Nationality: Egyptian.

Religion: Muslim.

Address: Currently Benha, Egypt.

Social status: Married with 3 kids

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II- Languages

1- Arabic.

2- English (fluent).

III- Education

✚ **2006 (December)**

MBBS (Medicine and Surgery) (Very good with Honor)
College of Medicine, Benha University, Egypt.

✚ **2013 (May)**

M.Sc. (Medical Physiology) (Very good) College of Medicine,
Benha University, Egypt.

Dissertation: Effect of regular exercise on high sucrose induced obesity in rats.

✚ **2017 (May)**

M.D. (Medical Physiology) College of Medicine, Benha University, Egypt.

Dissertation: Comparative effect of caffeine and a peroxisome proliferative activator receptor α ligand on fructose induced metabolic syndrome in rats.

IV- Work Experiences

1. **House officer:** in Benha University Hospital from 1/3/2007 to 29/2/2008
2. **General practitioner:** in Egyptian Ministry of Health: from March 2008 to August 2008.
3. **Demonstrator** of Medical physiology, Physiology department, Faculty of Medicine, Benha University, Egypt. August 2008 to March 2013
4. **Assistant lecturer** of medical physiology, Physiology department, Faculty of Medicine, Benha University, Egypt. March 2013 to June 2017
5. **Lecturer** of medical physiology, Physiology department, Faculty of Medicine, Benha University, Egypt. 22 June 2017 till 17 February 2025.
6. **Lecturer** of medical physiology, at Benha national university college of Medicine, Egypt. 17 February 2025 till 30 June 2025.
7. **Assistant. Prof** of medical physiology, at Benha university college of Medicine, Egypt. 30 June 2025

V- Research and Publications

1. Effect of regular exercise on high sucrose induced obesity in rats. Benha medical journal, (2013).
2. Comparative effect of caffeine and a peroxisome proliferative activator receptor α ligand on fructose induced metabolic syndrome in rats. Benha Medical Journal, 35(3), 369. (2017).
3. N-Acetylcysteine: The potential protective role in myocardial infarction in rats, focus on the antioxidant and anti-inflammatory markers, African Journal of Biological Sciences Afr.J.Bio.Sc. 1(3) (2019).

4. Effect OF ISOFLAVONE ON MEMORY IN RAT MODEL OF SURGICALLY INDUCED MENOPAUSE; POSSIBLE ROLE OF GLUTAMATE AND GAMMA AMINO BUTYRIC ACID. Benha Medical Journal, 38(2), 671-685. (2021).
5. Targeting PPAR γ /Irisin pathway in the potential effect of metformin on D-galactose-induced hepatic aging in rats. Benha Medical Journal, 39(Special issue (Academic)), 266-276. (2022).
6. "Modulation of the Sirtuin-1 signaling pathway in doxorubicin-induced nephrotoxicity synergistic amelioration by resveratrol and pirfenidone" [Tissue Cell (2024) 102330]. (2024).
7. Spirulina platensis shields the submandibular gland from cadmium toxicity by bolstering antioxidant defenses and maintaining its structural integrity, International Immunopharmacology Volume 140, 25 October 2024, 112851(2024).
8. An AMPK activator, Metformin, ameliorates aging-related oxidative hepatic injury induced by D-galactose via Irisin/ SIRT1 pathway, a possible role of PPAR- γ besides its antioxidant potency in rats. Bull. Egypt. Soc. Physiol. Sci. 2024; 44(4):212-27.
9. Protective effects of quercetin against tongue injury and oxidative stress triggered by irinotecan: A histopathological, biochemical and molecular study Toxicology Research, Volume 13, Issue 6, December (2024).
10. An Emerging Role of Beclin-1-Mediated Autophagy in the Cardioprotective Impact of Lactobacillus Acidophilus in Diabetic Hyperlipidemic Rats beside the Antioxidant and Anti-inflammatory Potency. Bulletin of Egyptian Society for Physiological Sciences (2025).
11. The Impact of NF- κ B and Keap1/Caspase-3 Signaling Pathway on protective Effects of sitagliptin in a Rat Model of Doxorubicin-Induced Cardiac Dysfunction. Bulletin of Egyptian Society for Physiological Sciences (2025).

VI- Human development Courses

1. Effective communication skills.
2. Effective presentation skills.
3. Time & meetings management.
4. University teacher preparation.
5. Methods of active learning.
6. Management of websites
7. Self-evaluation and external audit
8. Competitive Research Projects
9. Ethics in Healthcare and scientific research

VII- Activities and experiences

- Proficient in teaching medical physiology using various methods, including PBL, TBL, credit hours, and integrated system teaching for students in medicine, dentistry, pharmacy, and physiotherapy.
- Specialized in teaching neurophysiology and neurosciences, emphasizing the implementation of PBL and TBL sessions.
- Extensive experience in collaborative research projects, showcasing strong teamwork and communication skills.
- Proficient in designing and composing research articles, contributing to the dissemination of knowledge in the field.
- Actively involved in the preparation of departmental books for both undergraduate and postgraduate medical students, covering teaching courses, practical exercises, MCQs, and case studies.

- Played a key role in the preparation and evaluation of diverse forms of Physiology exams, including written, oral, OSCE, and OSPE, for both undergraduate and postgraduate medical students.
- Created informative data shows presentations tailored for both undergraduate and postgraduate medical students across various branches of Medical Physiology.
- Demonstrated effective communication skills through teaching, collaboration, and presentations.
- Applied excellent skills in performing animal experiments, contributing to hands-on learning experiences.
- Coordination of modules
- Sharing and participating in community activities conducted in college.

VIII- Conference attendance

- The first annual conference of physiology department Ain Shams university March 2018, Ain Shams faculty of medicine Cairo-Egypt.
- The second annual conference of physiology department Ain Shams university March 2019, Hilton Cairo Heliopolis Cairo-Egypt
- Editing Clinical Scenario Workshop at Armed Forces College of Medicine.
- Webinar on impact and consequences of Covid-19 on higher education in African Association of Physiological Sciences AAPS, June 2020
- Webinar on remote teaching and learning of Physiology during COVID-19 with existing technology African Association of Physiological Sciences AAPS, August 2020.

- Attended Workshop about “New Templates of NCAAA for Course and Program Documentation” February 2023.
- Attended and actively participated in the Workshop “Report and Analytics on Digi Assess Program, ISNC March 2023
- Attended and actively participated in Post Exam Feedback Session Workshop, ISNC October 2023
- Attended faculty development program about “How to deal with Low Performance Students” ISNC February 2024
- Attended faculty development program about “Case Based Learning online discussion”, ISNC May, 2024
- Attended faculty development program about “Tips for Effective and Interactive Lecture”, ISNC June 2024

IX- Quality Activities

- Member of the quality assurance unit and strategic plan team at Faculty of Medicine, Benha University (2017- till now).
- Member of the strategic plan and curriculum development team in the Quality unit college of Medicine, BNU University, Egypt from (2022-2024).
- Member of the course specification and course report team of physiology Department for undergraduate and postgraduate courses (2013-2018).
- Member of the quality assurance unit at Faculty of Medicine, Benha University (2013-2018).
- Member of course audit committee ISNC for Medical Studies, overseeing the evaluation and enhancement of courses to meet the evolving needs of students and stakeholders. (2023 till now)