



TAYSEER ALAA EL-DIN

Lecturer of Medical Physiology

◆ Education

2022 Doctorat (PHD) in Medical Physiology (Excellent) College of Medicine, Benha University. Egypt.

Dissertation: The possible role of endothelial nitric oxide synthase (eNOS) in the effect of Sitagliptin on Doxorubicin induced cardiac dysfunction in adult male rats

2018 M.Sc. of Medical Physiology College of Medicine, Benha University. Egypt.

Dissertation: Effect of Vitamin D Supplementation And /Or Exercise On Insulin Resistance, Plasma Lipid Profile and Blood Pressure In Ovariectomized Rats

2013 MBBS (Medicine and Surgery) (Excellent) College of Medicine, Benha University. Egypt.

■ Professional Experience

2022- Present Lecturer of Medical Physiology, College of Medicine, Benha University, Egypt.

- Teaching Physiology for Postgraduate Master and Diploma Students (First Part) In Multiple Clinical Specialties at Faculty of Medicine, Benha University
- Teaching Physiology for first and second year medical students, Benha University

Co-ordinator of CVS module for first year medical students for 2 years in 2022-2023 and in 2023-2024

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2019 – 2021 Assistant Lecturer of Medical Physiology, College of Medicine, Benha University, Egypt

2015 – 2019 Demonstrator, Medial Physiology, College of Medicine, Benha University, Egypt

2013-2015 Postgraduate Internship, College of Medicine, Benha University, Egypt.

Teaching Experience

- An integrated Program formed of a professionally prepared
- blend of
- General lectures
- Tutorials
- Small group teaching
- Problem based Learning (PBL)
- Student directed learning (SDL) sessions.

Recent conferences and workshops:

- •Attendance in the 11th Annual Medical Conference 'Disability, Obstacles and ambitions', Benha University in Mars 2024
- •Speaker in the 10th Annual Medical Conference Strategic planning in medicine, 2023 'Gate To The Future', Benha University in Mars 2023
- • Attendance in the 9th Annual Medical Conference of physiology department, Faculty of Medicine, Mansoura University in September 2022
- • Attendance in The 5th Medical Integrated Students Ain Shams University , Faculty of Medicine, 2020.
- • Active participation in 8th Annual Medical Conference of physiology department, Faculty of Medicine, Benha University
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titled “Bridging the gap between theory and practice in medicine” in November 2019.

- - Attendance in the 1st Quality conference of Faculty of Medicine, Benha University in October 2018.
 - Attendance in Editing Clinical Scenario Workshop at armed forces College of medicine.

RESEARCHES & PUBLICATIONS

Effect of Vitamin D Supplementation And /Or Exercise On Insulin Resistance, Plasma Lipid Profile and Blood Pressure In Ovariectomized Rats. Benha University Medical Journal ,2018.

The possible role of endothelial nitric oxide synthase (eNOS) in the effect of Sitagliptin on Doxorubicin induced cardiac dysfunction in adult male rats. Benha University Medical Journal ,2022.

Role of IRE1 α /XB β 1/CHOP/NLRP3 Signalling Pathway in Neonicotinoid Imidacloprid-Induced Pancreatic Dysfunction in Rats and Antagonism of Lycopene: In Vivo and Molecular Docking Simulation Approaches, Toxics 2024, 12, 445.
<https://doi.org/10.3390/toxics12070445>
<https://www.mdpi.com/2305-6304/12/7/445>

Adropin contributes to the nephro-protective effect of vitamin D in renal aging in a rat model via MAPK/HIF $1\pm$ /VEGF/eNOS mechanism, The Journal of Nutritional Biochemistry, 2025, 109957, ISSN 0955-2863, <https://doi.org/10.1016/j.jnutbio.2025.109957>.