

**Assistant Prof of Medical physiology
Benha Faculty of Medicine
Benha University, Egypt**



Phone: Cellular: (002)01005413002

E. Mail:
monamaher8011@yahoo.com
mona.allam@fmed.bu.edu.eg

PERSONAL INFORMATION

Nationality	Egyptian
Language (s)	English/Arabic
Date of birth	20.11.1980
Family Status	Married
Children	Two girls and a boy.

Employment:

2023- Present	Professor of Medical Physiology, College of Medicine, Benha University, Egypt.
2018- 2023	Assistant Prof of Medical Physiology, College of Medicine, Benha University, Egypt.
2013 - 2018	Lecturer of Medical Physiology, College of Medicine, Benha University, Egypt.
2009– 2013	Assistant lecturer of Medical Physiology, College of Medicine Benha University, Egypt.
2005 - 2009	Demonstrator, Medial Physiology, College of Medicine, Benha University, Egypt.
2004 – 2005	Postgraduate Internship, College of Medicine, Benha University, Egypt.

Google Scholar May 2025: H-index: 9

Educational experience:

- Program evaluation and Quality Assurance.
- Medical Education.
- Curriculum development.
- Medical student's assessments.

Courses attended and training:

February 2017: Training course for the international scientific publishing (the project to develop the capacity of faculty members and leaders, Benha University).

February 2017: Training course for the self-assessment and external audit (the project to evelop the capacity of faculty members and leaders, Benha University).

February 2017: Training course for quality standards in the teaching process (the project to develop the capacity of faculty members and leaders, Benha University).

September 2017: Training course for the university mangement (the project to develop the capacity of faculty members and leaders, Benha University).

February 2017: Training course for the website management program (the project to develop the capacity of faculty members and leaders, Benha University).

April 2015: Training course for the website management program (the project to develop the capacity of faculty members and leaders, Benha University).

February 2018: The training course for Advanced Word Processing (the project of training in information technology, Benha University).

Recent conferences and workshops:

- The 10th conference of physiology department –Mansoura university entitled: Updates in neurosciences: neurodegenerative disorders from bench to beside. 3th July- 1st august, 2024.
- The 2nd annual scientific conference of physiology department Ain Shams faculty of medicine 10-15 March 2018.
- The medical conference of physiology department-Menoufia University in collaboration with Egyptian society of physiological sciences titeled: multidisciplinary approaches towards healthy aging 27 th October 2016.

- The 6th annual scientific conference of medical physiology department faculty of medicine Mansoura University titled Neovascularization from basic science to clinical applications April, 10, 2012.

Publications:

- 1- **Mona M.Allam (2016):** Insulin Like Growth Factor -1(IGF-1) Promotes Angiogenesis and Reverses Ischemia Reperfusion Induced Acute Kidney Injury in Rats: Role of VEGF and TGF- β 1. **American journal of biomedical sciences; vol.8 (2)**
- 2-**Mona M.Allam** and Noha I. Hussein (2017): A comparative study between the effect of 17- β estradiol and angiotensin converting enzyme inhibitor on osteoporosis in ovariectomized rats. **General physiology and biophysics ; vol.35(4).**
- 3- El-Gohary O.A. and **Allam M.M. (2017):** Effect of vitamin D on isoprenaline-induced myocardial infarction in rats: possible role of peroxisome proliferator activated receptor- γ . **Canadian journal of physiology and pharmacology; vol. 95(6).**
- 4- **Allam M.M.** and El-Gohary O.A. (2017): Gastroprotective effect of ghrelin against indomethacin-induced gastric injury in rats: possible role of heme oxygenase-1 pathway .**General physiology and biophysics; vol.36 (3).**
- 5-**Mona M.Allam** and Abeer A.Shoman (2017): Carvedilol Could Ameliorate Acetaminophen Overdose Hepatotoxicity. Endogenous H₂S Contributes Such Effect: A Comparative Biochemical Evaluation. **American journal of biomedical science; vol. 9(1).**
- 6- Marwa Hassan Muhammad and **Mona Maher Allam (2017):** Resveratrol and/or exercise training counteract aging-associated decline of physical endurance in aged mice; targeting mitochondrial biogenesis and function. **Journal of physiological sciences.**
- 7- **Mona M.Allam** and Walaa B.Elgazaar (2018): Exendin-4, a glucagon-like peptide-1 receptor agonist downregulates hepatic receptor for advanced glycation end products in non-alcoholic steatohepatitis rat model. **Archives of physiology and biochemistry; vol. 124(1).**
- 8- **Mona Maher Allam** and Marwa Hassan Muhammad (2018): Effects of moderate exercise training and detraining on diabetic peripheral neuropathy in streptozotocin-induced diabetic rats. **Benha medical journal.**
- 9-Nesrine Ebrahim, Arigue A. Dessouky, Ola Mostafa1, Amira Hassouna, Mohamed M. Yousef1, Yasmin Seleem, Eman Abd El Aziz M. El Gebaly, **Mona M. Allam**, Ayman Samir Farid, Bayan A. Saffaf, Dina Sabry, Ahmed Nawar, Ahmed A. Shoulah, Ahmed H. Khalil, Sami F. Abdalla, Mohamed El-Sherbiny, Nehal M. Elsherbiny and Rabab F. Salim (2021): Adipose mesenchymal stem cells combined with platelet-rich plasma accelerate diabetic wound healing by modulating the Notch pathway.

10-**Mona M. Allam**, Reham M. Ibrahim, Walaa Bayoumie El Gazzar & Mona A. Said (2021): Dipeptidyl peptidase-4 (DPP-4) inhibitor downregulates HMGB1/TLR4/NF-κB signaling pathway in a diabetic rat model of non-alcoholic fatty liver disease.

11- Mona A. Said, Reham M. Ebrahem, **Mona M. Allam (2021)**: Renoprotective effect of tumor necrosis factor alpha inhibitor, etanercept against N^ω-Nitro-l-Arginine Methyl Ester-induced hypertension in rats are mediated by attenuating renal oxidative stress and improving renin angiotensin system.

12- Abdallah M. Gendy , Mohamed R. Elnagar, **Mona M. Allam**, Mohamed R. Mousa, Ahmed E. Khodir, Alaadin E. El-Haddad, Osama S. Elnahas, Sahar M. Fayed, Shereen S. El-Mancy .(2021): Berberine-loaded nanostructured lipid carriers mitigate warm hepatic ischemia/reperfusion-induced lesion through modulation of HMGB1/ TLR4/NF-κB signaling and autophagy.

13- HMA N.O. EL-SHAER, W.B. EL GAZZAR, **M.M. ALLAM (2023)**: Ghrelin Ameliorated Inflammation And Oxidative Stress In Isoproterenol Induced Myocardial Infarction Through The Endothelial Nitric Oxide Synthase (Enos)/Nuclear Factor ...

Journal Of Physiology And Pharmacology 72 (2), 273-282

14-HEN WALAA BAYOUMIE EL GAZZAR, **MONA MAHER ALLAM**, SHERIF AHMED SHALTOUT. (2023): Pioglitazone modulates immune activation and ameliorates inflammation induced by injured renal tubular epithelial cells via PPAR γ /miRNA-124/STAT3 signaling .BIOMEDICAL REPORTS 18 (2)

15- **MM Allam**, HMA MD, WBE MDa, NEA MD,NOE MD.(2023): Probiotic Lactobacillus Acidophilus prevents bone loss in aged osteoporosis in rats; the possible implication of NLRP3 inflammasome. Official Journal of Egyptian Society for Physiological Sciences) 43 (3), 171-187

16- **Mona M Allam**, Nagat H Mohamed, Hend A Abdallah, Noha O El-Shaer (2023): Protective effect of Vitamin D against type II diabetic nephropathy in rats: a possible role of adropin.

Official Journal of Egyptian Society for Physiological Sciences) 43 (3), 155-170