

**Reham Mohammed Ibrahim**

**Assistant Professor of Medical Physiology  
Benha Faculty of Medicine  
Benha University, Egypt**

Phone: Cellular: (002)01222349445  
(002)01100502829

E.Mail: dr\_reham\_13@yahoo.com  
reham.mohamed@fmed.bu.ed.eg



---

**PERSONAL INFORMATION**

<b>Nationality</b>	Egyptian
<b>Religion</b>	Muslim
<b>Date of birth</b>	15.09.1986
<b>Language (s)</b>	English/Arabic
<b>Family Status</b>	Married
<b>Children</b>	A girl and 2 boys.

---

**Education:**

- 2018 (July)** M.D. (*Medical Physiology*)  
College of Medicine, Benha University. Egypt.  
Dissertation: Effect of alpha lipoic acid on  
experimentally induced acute pancreatitis
- 2014 (August)** M.Sc. (*Medical Physiology*) (*Very good*)  
College of Medicine, Benha University. Egypt.  
Dissertation: Protective effect of obestatin on indomethacin  
induced acute gastric ulcer in rats; Role of VEGF and TNF- $\alpha$
- 2009 (December)** MBBS (*Medicine and Surgery*) (*Excellence with Honor*)  
College of Medicine, Benha University. Egypt.
-

**Employment:**

<b>2025 - present</b>	Assistant Professor of Medical Physiology, College of Medicine, Benha University, Egypt
<b>2018 - 2025</b>	Lecturer of Medical Physiology, College of Medicine, Benha University, Egypt
<b>2014 - 2018</b>	Assistant lecturer of Medical Physiology, College of Medicine, Benha University, Egypt
<b>2011 - 2014</b>	Demonstrator, Medical Physiology, College of Medicine, Benha University, Egypt
<b>2010 – 2011</b>	Postgraduate Internship, College of Medicine, Benha University, Egypt

---

**Further courses attended and training:**

<b>2024</b>	Credit Hours System
<b>2024</b>	Integrity and Transparency
<b>2024</b>	Basics of Digital Transformation
<b>2024</b>	Scientific Research Marketing
<b>2024</b>	Methods of teaching.
<b>2022</b>	Methods of evaluation of exams and Test blueprint.
<b>2018</b>	TOEFL in Benha University, Egypt.
<b>2018</b>	Bylaws and Control Affairs in Benha University, Egypt.
<b>2018</b>	Website Management in Benha University, Egypt.
<b>2018</b>	Laboratory Safety course Benha University, Egypt.
<b>2018</b>	Self Evaluation and External Reviewing in Benha University, Egypt.

- 
- 2018** Statistical Analysis in Faculty of Engineering, Benha University, Egypt.
- 2018** Microsoft word. Faculty of Engineering, Benha University, Egypt.
- 2015** University Teacher Preparation Course in Faculty of Education, Benha University, Egypt.
- 2014** Commercials of Researches course in Benha University, Egypt.
- 2014** International Publishing course in Benha University, Egypt.
- 2014** Research Ethics course in Benha University, Egypt.
- 2012** ICDL in Palace of Culture in Benha, Egypt.
- 

### **Recent conferences and workshops:**

- Attendance in the 1<sup>st</sup> Quality conference of Faculty of Medicine, Benha University in October 2018.
- The 3rd Annual Conference of Medical Physiology Department - Faculty of Medicine - Ain Shams University, as part of the 40th Annual Medical Conference of Ain Shams University, held from 16th -22th March, 2019.
- Active participation in 8<sup>th</sup> Annual Medical Conference of physiology department, Faculty of Medicine, Benha University titled **“Bridging the gap between theory and practice in medicine”** in November 2019.
- Attendance at the 5th Medical Integrated Students Ain Shams University, Faculty of Medicine 17<sup>th</sup> March 2019.
- Editing Clinical Scenario Workshop at Armed Forces College of Medicine.
- Methods of Exams evaluation and Test blueprint, Faculty of Medicine, Benha University 23<sup>rd</sup> October 2022
- Methods of teaching workshop, Faculty of Medicine, Benha National University 5<sup>th</sup> February 2024.
- The 10th Annual Conference of Medical Physiology Department - Faculty of Medicine, Mansoura University – 31th July – 1st August 2024.

- The 3rd Annual Physiology Conference, Medical Physiology Department- Faculty of Medicine - Cairo University, held on November 21, 2024.

---

### **Academic experiences:**

- **Undergraduates:**

- 1- Teaching practical sections of physiology for medical student.
- 2- Teaching Medical Physiology to nursing students at Benha technical health institute.
- 3- Teaching lectures of various fields of medical physiology for undergraduate students.

- **Postgraduates:**

Sharing in teaching different lectures in Medical Physiology for postgraduate students since 2018.

---

### **Activities and experiences:**

- Sharing in preparing department books for both under graduate and postgraduate medical students (teaching course, Practical, MCQ and Case study).
- Sharing in preparing and estimation of different forms of Physiology exams either written or oral for both under graduate and postgraduate medical students (Practical, MCQ, Short questions, Short essay, and Case study) in addition to technical health institute students.
- Preparing data show presentations for both undergraduate and postgraduate medical students in different branches of Medical Physiology.

---

### **Professional membership:**

- **Member of the editorial board of Benha Medical Journal.**
- **Examiner in human Physiology for the Master, and MBBS Degrees in College of Medicine, Benha University, Egypt.**
- **Coordinator of Physiology Department in Quality and Accreditation Unit, Faculty of Medicine, Benha University (September 2017 - February 2020).**
- **Member of Under Graduate Control Unit of 5<sup>th</sup> year students, Faculty of Medicine, Benha University (May 2021-September 2023).**

- **Head of Under Graduate Control unit of of 5<sup>th</sup> year students, Faculty of Medicine, Benha University (September 2023 till now).**
- **Member of Under Graduate Control unit, Faculty of Medicine, Benha National University (September 2023 till now).**

---

### **Language skills:**

Arabic: Mother tongue.

English: Excellent in reading, speaking and writing

### **Other skills:**

Excellent communication skills with both local and international entities having websites.

---

### **Publications:**

- Reham M. Ibrahim, Mona m. Allam, Ola A. El-Gohary, Alaa A. El-Talees & Mohamed S. El-Hamady, (2018). **Protective effect of obestatin on indomethacin-induced acute gastric ulcer in rats: role of VEGF and TNF- $\alpha$ .** *Benha Medical Journal*, 35(3), 369.
- Allam, Mona M., Reham M. Ibrahim, Walaa Bayoumie El Gazzar, and Mona A. Said. **"Dipeptedyl peptidase-4 (DPP-4) inhibitor downregulates HMGB1/TLR4/NF- $\kappa$ B signaling pathway in a diabetic rat model of non-alcoholic fatty liver disease."** *Archives of Physiology and Biochemistry* (2021): 1-9.
- Said, Mona AbdelAzim, Reham Mohammed Ibrahim, and Mona Maher Allam. **"Effect of tumor necrosis factor alpha inhibition with etanercept on renal functions in L-NAME induced hypertensive rats: insights into the possible mechanisms."** *Bulletin of Egyptian Society for Physiological Sciences* 42, no. 2 (2022): 163-179.
- Youssef, Heba, Reham Ibrahim, Mahmoud Mostafa Hassan, Marwa Hassan Muhammad, and Alaa El-Deen El-talees. **"Targeting PPAR $\gamma$ /Irisin pathway in the potential effect of metformin on D-**

**galactose-induced hepatic aging in rats."** *Benha Medical Journal* 39, no. Special issue (Academic) (2022): 266-276.

- Abdelrahman D, Habotta OA, Taher ES, El-Ashry ES, Ibrahim I, Abdeen A, Ibrahim AM, Ibrahim RM, Anwer H, Mihaela O, Olga R. **"Suppression of NLRP3 inflammasome orchestrates the protective efficacy of tiron against isoprenaline-induced myocardial injury."** *Frontiers in Pharmacology* 15 (2024): 1379908.
- Muhammad, Marwa Hassan, Heba S. Youssef, Mahmoud H. Taha, Alaa H. Eltalees, and Reham Mohammed Ibrahim. **"An AMPK activator, Metformin, ameliorates aging-related oxidative hepatic injury induced by D-galactose via Irisin/SIRT1 pathway, a possible role of PPAR- $\gamma$  besides its antioxidant potency in rats."** *Bulletin of Egyptian Society for Physiological Sciences* 44, no. 4 (2024): 212-227.
- Ibrahim, Reham Mohammed, Marwa Hassan Muhammad, Amira Elsayed Abd Elkhalek Soliman, Esraa Hammad Mohamed Khairat, and Heba S. Youssef. **"Cardioprotective impact of L-carnitine against isoprenaline-induced myocardial infarction by focusing on Nrf2/parkin-mediated mitophagy."** *Bulletin of Egyptian Society for Physiological Sciences* (2024): 32-50.
- Muhammad, Marwa Hassan, Sherine M. Elsharkawy, Abeer Abd Elhameed, Esraa Khairat, Nashwa Ahmed, and Reham Mohammed Ibrahim. **"Exercise and/or Liposomal Curcumin Modulates Sarcolipin/Sarcoplasmic reticulum  $\text{Ca}^{2+}$ -ATPase pump to Counteract Fibrillin/Asprosin/OLFR734 Pathway in Obese Diabetic Rats."** *Bulletin of Egyptian Society for Physiological Sciences* (2024): 51-76.
- Ibrahim, Reham Mohammed, Abd El-shafy Fouad, Noha El-shaer, Noha H. Ibrahim, and Marwa Hassan Muhammad. **"Targeting Asprosin/Nrf2 Pathway in the Potential Protective Effect of Co-enzyme Q10 and/or Exercise on High-Fat Diet Induced Non-alcoholic Fatty Liver Disease in Rats."** *Bulletin of Egyptian Society for Physiological Sciences* (2024).