



Hesham Abdullah Eliwa

Head of Pharmacology Department - College of Medicine .

Associate Professor of Pharmacology - College of Medicine

Al-Ayen Iraqi University, Dhi-Qar , Iraq.

PERSONAL INFORMATION

Date of Birth : 25 August 1983

Tel: 01060000575

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Home address

Third district neighboring the second piece 373 Street 9 - 6-October

EDUCATION

Associate Professor

Pharmacology and Toxicology Department
Faculty of Pharmacy
Misr University for Science and Technology
(MUST) December 2022

Ph.D Pharmaceutical Sciences (Pharmacology and Toxicology)
Faculty of Pharmacy - Cairo University, Egypt, (November 2014)

Thesis title: Evaluation of the therapeutic effect of whey proteins on the hepatotoxicity induced by paracetamol and alcohol co-administration in rats

MSc Pharmaceutical Sciences (Pharmacology and Toxicology)

Faculty of Pharmacy - Beni-sueif University
Cairo, Egypt (Jun 2011)

Thesis title: Antinociceptive effect of whey protein and its fractions in Swiss Albino mice

Professional experience

Associate Professor	Pharmacology and Toxicology Department Faculty of Pharmacy Misr University for Science and Technology December 2022
Lecturer	Pharmacology and Toxicology Department Faculty of Pharmacy Misr University for Science and Technology July 2015 – December 2022
Assistant Lecturer	Pharmacology and Toxicology Department Faculty of Pharmacy Misr University for Science and Technology Jun 2011 – July 2015
Teaching Assistant	Pharmacology and Toxicology Department Faculty of Pharmacy Misr University for Science and Technology 2007 – 2011
Post-graduate Courses	Pharmacology, Toxicology, Pathophysiology, Bioassay and screening, Immunopharmacology , General grade: Excellent (2008-2011)
Community Pharmacist	Community Pharmacies in Cairo, Egypt 2006 – 2010

RESEARCH CONTRIBUTIONS**Publications**

1. Antinociceptive effect of whey protein and its fractions in Swiss Albino mice .
Hesham, A.Eliwa ,Ezzedin S. El-Denshary ,Somaia A.Nada, Gamal Elsherbini, Naglaa Assaf.
IJPRBS, 1(6): 355-381,(2012) .
2. Evaluation of the therapeutic effect of whey proteins on the hepatotoxicity induced by paracetamol and alcohol co-administration in rats
Hesham,A.Eliwa ,Ezzedin S. El-Denshary ,Somaia A.Nada, Mohamed ,F. ,Enayata,O , Naglaa Assaf.
IJPRBS, 3(2): 295-314, (2014).
3. Formulation and characterization of sertaconazole nitrate mucoadhesive liposomes for vaginal candidiasis

Menna M Abdellatif ,Islam A Khalil, Yara E Elakkad ,**Hesham A Eliwa** ,Tamer M Samir ,Asmaa K Al-Mokaddem International Journal of Nanomedicine 2020:15 4079–4090

4. Ashwagandha (*Withania somnifera*) root extract attenuates hepatic and cognitive deficits in thioacetamide-induced rat model of hepatic encephalopathy via induction of Nrf2/HO-1 and mitigation of NF- κ B/ MAPK signaling pathways

Heba M.A. Khalil , **Hesham A. Eliwa** , Riham A. El-Shiekh , Asmaa K. Al-Mokaddem , Marwa Hassan , Azza M. Tawfek , Walaa H. El-Maadawy ,
Journal of Ethnopharmacology 277 (2021) 114141.

5. Inhibition of boldenone-induced aggression in rats by curcumin: Targeting TLR4/MyD88/TRAF-6/NF- κ B pathway

Marwa E. El-Shamarka, **Hesham A. Eliwa** ,Maha A. E. Ahmed
Journal of Biochemical and Molecular Toxicology ;e22936.(2021).

6. Ashwagandha-loaded nanocapsules improved the behavioral alterations, and blocked MAPK and induced Nrf2 signaling pathways in a hepatic encephalopathy rat model).

Heba M. A. Khalil ,Islam A. Khalil, Asmaa K. Al-Mokaddem · Marwa Hassan ·
Riham A. El-Shiekh ,**Hesham A. Eliwa** · Azza M. Tawfek ,Walaa H. El-Maadawy
Drug Delivery and Translational Research. (2022)

7. Antidepressive and cardioprotective effects of Self Nanoemulsifying Self-Nanosuspension loaded with *Hypericum perforatum* on post-myocardial infarction depression in rats).

Heba M. A. Khalil, Dina B. Mahmoud, Riham A. El-Shiekh, Alaa F. Bakrd, Amira . Boseila, Sally Mehanna, Reham A. Naggar, **Hesham A. Eliwa**
AAPS PharmSciTech 1530-9932. (2022) .

8. Rosuvastatin and co-enzyme Q10 improve high-fat and high-fructose diet-induced metabolic syndrome in rats via ameliorating inflammatory and oxidative burden

Mohamed Ibrahim Mohamed Fahmy , Rabab Hamed Sayed , Muhammad Farag El-Yamany , Reham El-Naggar , **Hesham A. Eliwa**
Journal of Biomedicine and Pharmacotherapy 0753-3322.(2022)

9. Microporation-Mediated Transdermal Delivery of In Situ Gel Incorporating Etodolac-Loaded PLGA Nanoparticles for Management of Rheumatoid Arthritis

Heba M. El Sorogy , Sahar M. Fayez , Islam A. Khalil , Gehad A. Abdel Jaleel , Ahmed M. Fayez , **Hesham A. Eliwa** and Hoda E. Teba
Pharmaceutics 2024, 16, 844. <https://doi.org/10.3390/pharmaceutics16070844>

Awards

1. Excellence Award in reviewing from Journal of Pharmaceutical Research International ,(2021).
2. Valued reviewer for Journal of Applied Pharmaceutical Science (JAPS) .
3. Appreciation certificate
The active participation in obtaining accreditation from NAQAAE
Faculty of Pharmacy, MUST University, (2019)
4. Appreciation certificate in reviewing from Journal of Pharmaceutical Science and Drug Manufacturing (2024)

Scientific Conferences

1. The Second ACU International Pharmaceutical Conference "Challenges in future Pharmaceutical Trends " in November 14th-15th , 2018. Faculty of Pharmacy, Ahram Canadian University (ACU).
2. Attending the 1st International Conference of Pharmaceutical Sciences (ICPS) "Future Trends and Innovations in Pharmacy" in October 27th - 28th , 2018. Faculty of pharmacy, Misr University for Science and Technology (MUST).
3. International Conference of " Recent Trends in Biochemistry and Molecular Biology: Towards Vision 2030 " in September 14th-15th , 2019. American University in Cairo.
4. The (Animal Behaviour Live) .Annual Online Conference in August 22th-23th , 2020.
5. The First International Zagazig Pharmacy Scientific Conference of "Pharmacy Vision in Egypt Strategy 2030-New Trends in Pharmaceutical Research and Drug Development " in Feb 17th-18th , 2021.
6. attending (Saving The Earth) March 19-2014th 2023. Faculty of Pharmacy, Ahram Canadian University (ACU).
7. Attending the 2nd International Conference of Pharmaceutical Sciences (ICPS) "Future Perspectives on Drug Research and Sustainable Development". in July 11th-12th , 2023. Faculty of pharmacy, Misr University for Science and Technology (MUST).
8. Attending the 2nd International Conference , "Recent advances in pharmaceutical Practice and Research ". in May 1st , 2024, Faculty of Pharmacy, October 6 University.

Workshops

workshop titled Modern Pharmacy Specialties "more integration into health care system "
Organized by Ministry of health (CAPA),Oct,27-28, 2018

workshop titled the seminar on (Hands on experimental pharmacology).(2015)

workshop titled "innovation and changing of cancer future " Organized by World health
Organization (WHO) Oct,27-28, 2018

workshop titled quality training program for skills of time management.Aug, 6-7 , 2016

workshop titled quality training program for teaching and learning strategies .Jan 14-15,
2017

Workshop entitled “Critical thinking” FLDC, July 1 -2, 2020

Workshop entitled “Decision Making and Problem solving ” FLDC, Jun 29 - 30, 2020

Workshop entitled “Statistical Analysis of Bio-Experiments “ FLD, December 30- 31, 2019

Workshop entitled “Strategic planning” FLDC, Jun 27 - 28, 2020

Workshop entitled “E-Learning “FLDC, Feb 24 -25, 2021

Workshop entitled “International publishing of scientific research” FLDC, Jun 29 - 30, 2020

A training course entitled “Effective communication skills” MUST Career Development
Center (CDC), 2016.

A training course entitled “presentation skills” MUST Career Development Center (CDC),
2016.

A training course entitled “skills of international Publication ” MUST Career Development
Center (CDC), 2015.

A training course entitled “skills of leadership” MUST Career Development Center (CDC),
2015.

A training course entitled “(change management,” MUST Career Development Center
(CDC), 2017.

A training course entitled of the Student Exchange program (SEP) , Misr University for
Science and Technology (MUST).July ,17-25,2019

A training course entitled of the Student Exchange program (SEP) , Misr University for
Science and Technology (MUST).Aug ,3-28,2021

Co-author in International Journal of Pharmaceutical Research and Bio-science. (IJPRBS)

Workshop entitled (Tips for choosing a good statistical analysis plan with some applications) On Monday October 16th, 2023

Scientific Webinars

Webinar entitled “Understanding the SARS-CoV-2 entry in human cells and potential drugs for combat ” March 14, 2022

Webinar entitled “Uncovering the cellular heterogeneity at single-cell resolution, Feb 22, 2022

Webinar entitled “MALDI mass spectrometry imaging as a medical prognosis/diagnostic tool: Applications and perspectives” March 16, 2022

Webinar entitled “Guidelines for Applying for funding a Research Project ” July 20, 2022

Webinar entitled “How to use Design-Expert® Software to make Design of Experiments (DOE) easier and more powerful ” November 3, 2022

Teaching Activities

1. Pharmacology II
2. Drug interaction
3. Toxicology
4. Biological Standardization and Screening of drugs
5. Pharmacotherapy and Clinical pharmacy. American board specialties (BPS) ,
6. Sessions of the Student Exchange program (SEP)

Faculty of Pharmacy, Misr University for Science and Technology (MUST) (2015 – present)

Faculty Administrative Affairs

1. Head of the Organization Committee for Graduation party (Class from 2019-2021).
2. Member of Quality Control Team and International Co-Operation Team
3. Member of Internal Audit Committee for Quality Control Team
4. Participation in curriculums development for the reaccreditation of the faculty of pharmacy by Egyptian ministry of higher education
5. Quality Coordinator for Pharmacology and Toxicology Department .

6. Academic advisor for students with difficulties, helping them to overcome problems related to their study and academic progress
7. Coordinator of exams and assessment committee
8. Head of control level four (4) 2021-2023
9. Head of control level one (1) 2024
10. Associate Professor of Pharmacology Department of Anesthesia Techniques, College of Health and Medical Technologies, Al-Ayen Iraqi University, Dhi-Qar, Iraq.
11. Associate Professor of Pharmacology, College of Medicine, Al-Ayen Iraqi University, Dhi-Qar, Iraq.
12. Associate Professor of Pharmacology, College of Medicine, Dhi-Qar University, Iraq.
13. Head of the Quality Assurance Unit, College of Medicine, Al-Ayen Iraqi University, Dhi-Qar, Iraq.
14. Head of Pharmacology Department, College of Medicine, Al-Ayen Iraqi University, Dhi-Qar, Iraq.
15. Head of the Continuing Education Unit, College of Medicine, Al-Ayen Iraqi University, Dhi-Qar, Iraq.

Computer Skills

1. Certificate of ICDL (2013)

Language Skills

1. International English TOEFL