

Curriculum Vitae

Heba Essam Sedky Ahmed

Lecturer - Department of Pharmacology
& Experimental Therapeutics

Medical Research Institute, Alexandria University, Egypt

Phone: EGY +201225595946

Email: heba_sedkey@alexu.edu.eg
hebahalawany84@gmail.com



PERSONAL DATA

Date & Place of birth: June 12, 1984, Alexandria, Egypt.

Nationality: Egyptian.

Language Proficiency: English and Arabic

ACADEMIC QUALIFICATIONS

1. **PhD** in Pharmacology and Experimental Therapeutics (2020), Medical Research Institute, Alexandria University.
2. **M. Sc.** in Pharmacology and Experimental Therapeutics (2015), Medical Research Institute, Alexandria University.
3. **M.B.B.Ch** (2008), Distinction honor, Faculty of medicine, Alexandria University.

APPOINTMENTS

I- Academic:

1. Lecturer (2021– date), faculty of pharmacy, Arab Academy for Science, Technology & Maritime Transport, Egypt.
2. Lecturer (2020- date), Department of Pharmacology & Experimental Therapeutics, Medical Research Institute, Alexandria University, Egypt.
3. Assistant Lecturer (2015- 2020), Department of Pharmacology & Experimental Therapeutics, Medical Research Institute, Alexandria University, Egypt.
4. Demonstrator (2010 - 2015), Department of Pharmacology & Experimental Therapeutics, Medical Research Institute, Alexandria University, Egypt.
5. House officer at Alexandria university hospital, 2009-2010.

II- Administrative:

- Member in the committee of Egyptian Association of Advancement of Medical Basic Science (EAMBS)
- Deputy manager of measurement and assessment unit of Medical research institute (2019- date)
- Quality coordinator for pharmacology and experimental therapeutics department (2020- date)
- Participation in teaching the following courses in pharmacology department in medical research institute (2020-date)
 - 1- Pharmacology (1704720)
 - 2- Graduate pharmacology (1704701)

- 3- Methods in pharmacology (1704704)
 - 4- Therapeutics in high risk patients (1704802)
 - 5- Clinical pharmacology and therapeutics II (1704801)
 - 6- Recent advances in chemotherapy (1704805)
- Participation in teaching the following courses in faculty of pharmacy, Arab Academy for Science, Technology & Maritime Transport (2021- date)
 - 1- Toxicology (PCS429, PD426)
 - 2- Therapeutics I (CPP311)
 - 3- Pharmacotherapeutics III (PCS423)
 - 4- Basic pharmacology (PD226, CCS241)
 - 5- Pharmacology II (CCS343)
 - 6- Clinical Pharmacokinetics (PCS428)
 - 7- Pharmacology and Therapeutics III (PD422)
 - 8- Pharmacology III (CCS444)
 - 9- Pharmacology and therapeutic V (PD521)
 - Participating in preparation and teaching in basic and advanced pharmacovigilance workshop which was held at medical technology Centre, Alexandria university (15-17 March 2022)
 - Participating in preparation and teaching in experimental animal models of various diseases I workshop which was held at medical technology Centre, Alexandria university (25 February 2023)
 - Participating in preparation and teaching in experimental animal models of various diseases II workshop which was held at medical technology Centre, Alexandria university (25 May 2023)
 - Member in the organizing committee of international conference of medical research institute “milestone in cancer research: from genomics to practice”, 13-14 May 2023
 - Participating in preparation and teaching in handling of experimental animals (routes of drug administration and isolation of different organs) workshop which was held at medical technology Centre, Alexandria university (17-18 December, 2023)
 - Participating in preparation and teaching in experimental animal models of various diseases I workshop which was held at medical technology Centre, Alexandria university (25 February 2024)
 - Participating in preparation and teaching in experimental animal models of various diseases II workshop which was held at medical technology Centre, Alexandria university (14 September 2024)
 - Practical Training of demonstrators and lecturer assistants of Pharmacology Department, College of Medicine, Alexandria university

CONFERENCES, COURSES & WORKSHOPS ATTENDED

- Speaker in international conference of Nutromed ,19-20 September 2024.
- Organization of 18th conference of Egyptian Association of Advancement of Medical Basic Science " future of RNA applications: diagnostics, therapeutics and prevention " 24th April 2024, Faculty of Medicine, Alexandria, Egypt
- Speaker in international conference of Nutromed ,28-29 September 2023.
- Speaker in international conference of medical research institute “milestone in cancer research: from genomics to practice”, 13-14 May 2023
- Poster in "The 2nd international conference and exhibition on pharmaceutical and healthcare sciences", Faculty of pharmacy, Alexandria University, Egypt, 23-24 November, 2022, entitled

"Combination of thioridazine and sorafenib potentiates antitumor effect in HepG2 cell line"

- Speaker in "The World Breast Cancer Month", Medical research institute, Alexandria University, Egypt, October 19th, 2022
- "Item club workshop", Measurement and assessment center, Alexandria university, 8-20 November 2020.
- "Basic level of assessment for staff in health sector, measurement and assessment center, Ministry of High Education and Scientific Research, 17-18 November 2020.
- "Taking your classroom online", DAAD, 21 April, 2020
- "University exams and digital question banks", DAAD, 25 September, 2019
- "The Use of Laboratory Animals in Experimental Medicine and Research Workshop" ", Medical Technology Center, Alexandria University, Egypt, 5-7February, 2017
- "Hands on Western Blotting Workshop" Medical Biochemistry Department, Faculty of Medicine, Alexandria University, Egypt, 24-25 February,2016
- "Real time PCR workshop" Medical Biochemistry Department, Faculty of Medicine, Alexandria University, Egypt, 16-17 May, 2015.
- " Biostatistics at the receiving end workshop""", Egybiotech, Alexandria University, Egypt, 11-13 February, 2015
- "Clinical Trial Design, Implementation and Reporting Workshop", Egybiotech, Alexandria University, Egypt, 5-7 February, 2014
- "The Basic Techniques Used in Molecular Biology Workshop ", Medical Technology Center, Alexandria University, Egypt, 20-23 October, 2014
- "Basic techniques in Cell Culture and Stem Cell Research", Medical Technology Center, Alexandria University, Egypt, 16-18 June, 2012
- 16th conference of Egyptian Association of Advancement of Medical Basic Science " Fever updates" 23th April 2019, Faculty of Medicine, Alexandria, Egypt.
- 15th conference of Egyptian Association of Advancement of Medical Basic Science " Immunomodulation: a new era in medicine" 29th March 2018, Facultyof Medicine, Alexandria, Egypt.
- 14th conference of Egyptian Association of Advancement of Medical Basic Science " Liver regeneration: current and future trend" 30th March 2017, Facultyof Medicine, Alexandria, Egypt.
- 13th conference of Egyptian Association of Advancement of Medical Basic Science "Understanding lymphoma: translating basic science to clinical practice "24th March 2016, Faculty of Medicine, Alexandria, Egypt.
- 12th conference of Egyptian Association of Advancement of Medical Basic Science "Advances in Adiposity and Neurocognition " 19th March 2015, Facultyof Medicine, Alexandria, Egypt.
- 11th conference of Egyptian Association of Advancement of Medical Basic Science "The Burn Wound from Basic to Management " 28th April 2014, Facultyof Medicine, Alexandria, Egypt
- 2nd International Conference "Molecular Therapeutics and Introduction to Molecular Biology Techniques" 15th- 18th December 2014, Faculty of Science,Alexandria university, Egypt.
- 18th Conference "6th International "Medical Research Institute –Alexandria University-Multidisciplinary Approach in Cancer Management "23rd -26thSeptember,2013, Tulip Hotel, Alexandria, Egypt
- 17th Conference "5th International "Medical Research Institute –Alexandria University-advances in Medical Research" Obesity "13th -16th November ,2012, Helton Green Plaza Hotel, Alexandria, Egypt

- 16th Conference “4th International “Medical Research Institute –Alexandria University-advances in Medical Research” Quality in Medical Education and Practice “19th -22nd October,2010, Sheraton Montazah Hotel, Alexandria, Egypt.

Publications

- 1- El-Wakil ES, Khodear GAM, **Ahmed HES**, Ibrahim GIK, Hegab F, Abdo SM. Therapeutic efficacy of albendazole and berberine loaded on bovine serum albumin nanoparticles on intestinal and muscular phases of experimental trichinellosis. *Acta Trop.* 2023 May;241:106896.
- 2- **Sedky, H. E.**, Elwany, Y. N., Alfay, E. S. E., Elwany, M. N., Nabil, Y. M., Manna, H. F., ... & Hadidy, W. F. E. (2024). Combined neurokinin-1 receptor antagonist and sorafenib is a promising approach for hepatocellular carcinoma therapy. *Egyptian Liver Journal*, 14(1), 57.

Dissertation supervision (in progress)

- 1- Thesis Master Degree, Medical research institute, Alexandria University. " A study on the possible protective effects of Berberine and/or aspirin on experimental myocardial infarction induced in rats " as a cosupervision with Prof. Dr. Wessam Elhadidy, 2022.
- 2- Thesis Master Degree, Medical research institute, Alexandria University. " Evaluation of the potential anti-tumor effect of chlorogenic acid and/or doxorubicin in hepatocellular carcinoma cell line. " as a cosupervision with Prof. Dr. Magda Abbas Nasr, 2022.
- 3- Thesis Master Degree, Medical research institute, Alexandria University. " Evaluation of potential modulatory effects of Disulfiram on the carcinogenic Src-pathway in Triple Negative breast cancer cell line " as a cosupervision with Prof. Dr. Remonda Rizk and Prof. Dr. Maged Wasfy, 2023.
- 4- Thesis Master Degree, Medical research institute, Alexandria University. " Evaluation of Potential Protective Effects of Ginkgo Biloba in Comparison with Aspirin in Isoproterenol-Induced Myocardial Infarction in Rats " as a cosupervision with Prof. Dr. Wessam Elhadidy, 2024.
- 5- Thesis PhD Degree, Medical research institute, Alexandria University. " A Study on the Potential Protective Effects of Ginkgo Biloba Alone or Its Combination with Olmesartan Therapy on Acute Myocardial Infarction and Post-Infarction Remodeling in Isoproterenol-Induced Rat Model " as a cosupervision with with Prof. Dr. Wessam Elhadidy, 2024.

Dissertation supervision (discussed)

- 1- Thesis Master Degree, Medical research institute, Alexandria University. " Assessment of Potential Preventive Effects of *Ginkgo biloba* Extract, Given Alone and in Combination with Atorvastatin, on Contrast-Induced Nephropathy in Rats " as a cosupervision with Prof. Dr. Mahmoud Farag and Prof. Dr. Amany Kazem, 2024
- 2- Thesis Master Degree, Medical research institute, Alexandria University. " A study on The Possible Effects of Canagliflozin, Carvedilol or Their Combination Therapy on Isoproterenol-Induced Acute Myocardial Infarction in Rats " as a cosupervision with Prof. Dr. Wessam Elhadidy and Dr. Asmaa Khalifa, 2024.

RESEARCH INTEREST

- 1- Investigate new therapeutic alternatives for better management of Cancer in-vivo and invitro.
- 2- Investigate new targets for chronic diseases

