

Curriculum Vitae



REHAB HUSSEIN HAMED WERIDA

Egypt

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1. PERSONAL PORFILE:

Social status: Married with two sons.

Nationality: Egyptian

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Language: fluent in Arabic/English

Web of Science Researcher ID: [AAU-6123-2020](https://orcid.org/0000-0002-5983-3993)

Scopus Author ID: [57211872780](https://orcid.org/0000-0002-5983-3993)

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Google Schooler: <https://scholar.google.com/citations?hl=en&user=vqOhwwEAAAAJ>

2. EDUCATIONS & QUALIFICATIONS

- Ph. D degree, (Clinical Pharmacy) 2014, Faculty of Pharmacy (Tanta University) - Egypt. (Effect of Glimepiride and Celecoxib on the Levels of Some Adipocytokines in Overweight and Obese Patients with Type 2 Diabetes Mellitus).
http://www.eulc.edu.eg/eulc_v5/Libraries/Thesis/BrowseThesisPages.aspx?fn=PublicDrawThesis&BibID=11904340
- Pharm.D. degree (Clinical Pharmacy) 2000, **Faculty of Pharmacy** (Tanta University)- Egypt.
- Bachelor's degree in pharmaceutical science 1996, **Faculty of Pharmacy** (Tanta University) - Egypt.
- Saudi Council for health specialties certificate, 2005.
- ICDL 20/12/2016.

- American College of Cardiology Member **Since 2019 (Member ID: 3446360).**

3. **PERSONAL SKILLS:**

- Ability to work under pressure.
- Ability to make decisions.
- Flexible.
- Works well independently and as part of a team.
- Well-motivated and reliable.
- Ability to work with a range of people.
- Positive attitude to improvement and development.
- Computer knowledge and Internet: Word-Excel-Internet-SPSS statistics.

4. **EMPLOYMENT HISTORY:**

- **Faculty of Pharmacy (Alsalam University) Clinical Pharmacy Department – Egypt. (1/3/2026- Till Now)**
 - Associate Professor and Head of Clinical Pharmacy & Pharmacy Practice department.
- **Faculty of Pharmacy (Damanhour University) Clinical Pharmacy & Pharmacy Practice Department – Egypt (23/11 /2016 – Til Now).**
 - Associate Professor and Head of Clinical Pharmacy & Pharmacy Practice department. (29/12/2021- 31/7/2025).
 - Lecturer of Clinical Pharmacy & Pharmacy Practice (23/11/2016- 28/12/2021).
 - Deputy of Executive Manager of Quality Assurance Unit (14/8/2018- 14/2/2021).
 - Member of Community Service and Environment Development Committee (2018- 2023).
 - Member of Research Ethics Committee, Faculty of Pharmacy, Damanhour University (2020-2023).
 - Member of Education and Student Affair Committee, Faculty of Pharmacy, Damanhour University (August 2024-Till Now).
 - Member of Scientific and Cultural Committee, Faculty of Pharmacy, Damanhour University (August 2024-Till Now).
- **Faculty of Pharmacy (Tanta University) – Egypt (4/6 /2016 – 15/8/2017).**
 - As a consultant in the Drug Information Center.
- **Faculty of Pharmacy (Princess Nourah bent Abdulrahman University) - Saudi Arabia (30/9/2014 - 3/6 / 2016).**
 - As an Assistant Professor and Head of pharmacy practice department.
- **Faculty of Pharmacy (Tanta University) - Egypt (2012-2014)**
 - As a center director in Drug Information center.
 - As a Member of Quality Assurance Unit's Administrative Team.
- **Faculty of Pharmacy (Jazan University) - Saudi Arabia (2011-2012)**
 - As a Lecturer in Clinical pharmacy department.
- **Faculty of Pharmacy (Tanta University) - Egypt (2007-2011)**
 - As a center director in Drug Information center.

- Member of the Quality Assurance Unit's administrative team in the faculty.
- **Al-Sebaee Institute for Pharmacist Technicians – Saudia Arabia** (2005- 2007)
-As Academic Supervisor and Head of Pharmacy Department.
- **Arab Development Institute for Nursing - Saudia Arabia** (2004-2005)
-As Pharmacology, Therapeutic and health care Teacher.
- **Faculty of pharmacy in 6th October University** (2002)
-As instructor for practical courses in clinical pharmacy department.
- **Faculty of Pharmacy** (Tanta University) - Egypt (1998-2004)
-Participating in practical courses teaching of pharmaceutical Technology Department (1998-2001)
-As a DI specialist in Drug Information Center (2001-2004)
- **Public Pharmacy - Egypt** (1996-1997)
-As a community pharmacist.
- **Tanta University Hospital - Egypt** (1996-1998)
-Working in the in-patient pharmacy (Internal Medicine Department).

5. **PRINCIPAL DUTIES:**

- Sharing in Continuous Improvement and Qualifying for Accreditation Project CIQAP.
- Participates in self-evaluation and internal audit committee in the faculty.
- To contribute to the development of the syllabus and curriculum for the pharmaceutical and clinical courses.
- To contribute and organize the teaching of the appropriate syllabus.
- To undertake several visits for students at their base hospital.
- To set and mark coursework assessments and class tests (examination) questions.
- Participate in organization of post and undergraduate's student final exams and computing their results.
- To maintain a system for student records.
- To Co-ordinate tutor training days with hospital.
- A Member of the Quality Assurance Unit Management Committee Meetings and Community Service and Environment Development Committee.
- Assists in performance improvement activities of the pharmacy service.
- Serve as drug information resource for faculty staff, pharmacist, physician and patient.
- Provides clinical pharmacy services to internal and external customers by processing and dispensing pharmaceutical products.
- Apply the principles of pharmaceutical care to provide optimum medication- related patient outcomes.
- Analyzes medication orders for completeness and appropriateness as it relates to drug name, dose, route, schedule, disease state, allergies, and other medications.
- Processes medication orders to ensure that patients receive accurate and appropriate drug therapy in a timely manner.

- Demonstrates problem solving and communication skills while interacting with co-workers, clinic staff and hospital employees within the medical system.
- Sharing in preparation and organization of scientific conferences and seminars.
- Sharing in preparation of faculty manual and drug information bulletin.
- Membership of the PNU Faculty of Pharmacy Curriculum Development Committee during 2 visits from ACCP 2015/2016.

6. Training Courses and workshops:

- External Review for Higher Education Institutions, National Authority for Quality Assurance and Accreditation of Education (NAQAAE), 2011.
- Learning Outcomes and Curriculum Maps for Higher Education Institutions, National Authority for Quality Assurance and Accreditation of Education (NAQAAE), 2011
- Institutional Self-Evaluation for Higher Education, National Authority for Quality Assurance and Accreditation of Education (NAQAAE), 2011
- Quality Assurance and Accreditation, Tanta Faculty of Pharmacy, 2010
- Academic standards, Tanta FLDP Center, 2010.
- Quality standards in the teaching process, Tanta FLDP Center, 2010.
- Scientific Research Team Management, Tanta FLDP Center, 2010
- Academic Guiding, Tanta Faculty of Pharmacy, 2010.
- University management, Tanta FLDP Center, 2011
- Scientific publication, Tanta FLDP Center, 2011
- Use of Technology in Teaching, Tanta FLDP Center, 2011
- E-learning, Tanta Faculty of Pharmacy, 2011
- Internal Auditing, Tanta Faculty of Pharmacy, 2011
- Lab Safety”, Tanta Faculty of Pharmacy, 2011
- Active Board as a Means of Technology in Teaching, Tanta Faculty of Pharmacy, 2010.
- Exam Construction and Evaluation, Tanta Faculty of Pharmacy, 2011.
- First Aid, Tanta Faculty of Pharmacy, 2011.
- Effective Presentation skills, Tanta FLDP Center, 2011.
- Statistical Package for Social Science, Tanta University, August 2014
- Drug Information: Principles and Practice for Pharmacists, MIU, February 2014.
- Parenteral Admixture and Compatibilities, Tanta University, May 2014.
- The Learning Management System “Black Board”, Princess Nourah University, August 2015.
- Course Portfolio, Princess Nourah University, October 2015.
- Decision Making & Problem-Solving Strategies, Princess Nourah University, November 2015.
- Scenario Designing, Princess Nourah University, December 2015.

- Cardiovascular Management, PSC, faculty of pharmacy, Tanat University, 27-30 July 2017.
- Dealing with exam electronic paper and electronic correction, Faculty of pharmacy, Damanhour University, 13 Dec. 2018.
- Systematic review and Meta analysis, 22, 29 October and 12, 19 November 2019.
- COVID-19 Webinar Series “Patients Management”, 1 June 2020.
- COVID -19: Management of patients with special cases, Dubai, UAE, 2 June 2020.
- How to prepare your health care institute for COVID-19, Dubai, UAE, 7 June 2020.
- COVID -19 and chronic Liver Diseases: clinical Insights, Dubai, UAE, 8 June 2020.
- Effect of the COVID-19 Pandemic on cancer treatment, Dubai, UAE, 11 June 2020.
- COVID-19 and Heart Experiences from the Frontline were held on Friday, 12th of June, 2020.
- COVID-19 UPDATE, Faculty of Medicine, Alexandria University 13 June 2020.
- Introduction to infectious diseases, Dubai, UAE, 14 June 2020.
- COVID-19 Epidemiology, Dubai, UAE, 15 June 2020.
- The Importance of Value in Healthcare During Pandemic, Dubai, UAE, 16 June 2020.
- Saving Deaths and Damages from Heart Attacks, 16 June 2020.
- Springer Nature Platform Training in Collaboration with Egyptian Knowledge bank, 16 June 2020.
- Novel Approaches to Managing Dyslipidemia with CVD patients Novel Approaches to Managing Dyslipidemia with CVD patients, 17 June 2020.
- Health Economics-Health Technology Assessment (HTA), Dubai, UAE, 18 June 2020.
- COVID-19 and Cardiovascular Diseases, Emirates Cardiac Society held on Friday, 19th of June 2020.
- Achieving excellence in pharmacovigilance, Dubai, UAE, 22 June 2020.
- Anxiety and Depression During the Current COVID-19 Pandemic, 26 June 2020.
- COVID-19 in the US: Pharmacy’s Response-Focus on the Clinical Pharmacist, 28 June 2020.
- Building and expanding Clinical Pharmacy Services, Dubai, UAE, 29 June 2020.
- Heart Failure Series Part 1, Emirates Cardiac Society, July 4, 2020
- Heart Failure Series Part 2, Emirates Cardiac Society, August 15, 2020.
- ECS-CAD Series Part 1: Controversies in the Management of Stable Angina held on September 18, 2020.
- ECS-CAD Series Part 2: Right Ventricular Failure and Pulmonary Hypertension held on September 25, 2020.
- Hypertension and Chronic Coronary Syndrome Management, September 30, 2020.
- Module 1- Sepsis, Egyptian Society of Intensive Care and Trauma, 19-21 October 2020.
- How to Write a Scientific Article (Part 1 & 2) 9-10 November 2020.

- Medication Adherence, Dubai, UAE, 18 November 2020.
- Hypertension Management Guidelines & the Urgency of Blood Pressure Control, Dubai, UAE, 26 November 2020.
- Introducing New Health Technologies using HTA- International Experiences, Dubai, UAE, 30 November 2020.
- Mastering the Management of Hyperlipidemia for High Risk and Very High Risk ASCVD Patients, 15 Dec. 2020.
- COVID19 Updates lessons learned from the experts, 29 Dec. 2020.
- Ask the Experts: What is the role of GLP-1 RAs in the current landscape of incretin therapies for T2D? ISE Webinar 26 January 2021.
- Research Funding at The Egyptian Knowledge Bank, 28 January 2021.
- Idea of Research, February 20, 2021.
- Statistical Data Preparation & Sample Size Calculation, March 3, 2021.
- Optimizing Cardiovascular Risk Reduction in High-Risk Patients: Focus on Strategies to Improve Non-HDL-Cholesterol Goal Attainment held on March 9, 2021
- Pharmacy Education: the past, the present and the future, 26 May 2021.
- Tips & advice for increasing your published paper visibility at The Egyptian Knowledge Bank, on Tuesday 15 June 2021.
- Heart Masters, Kuwait Cardiac Society, 11 July 2021.
- Addressing Common Mental Health Disorders like Anxiety and Depressing, 26 July 2021.
- 10th Annual Saudi German Hospital Rheumatology Webinar, 27-29 September 2022.
- Clinical Cases in Lipidology by Dubai Health Authority (DHA) - Gulf Heart Association: held on January 31, 2023.
- Open Access for Egypt, What You Need to Know: STDF & EKB: 21 February 2023.
- 6th Annual Saudi German Hospital- Riyadh Pediatric and Neonatology Webinar 2023, 21-23 February, 2023.
- Mastering Anticoagulation Module: Cancer Associated Thrombosis. February 27th, 2023.
- Mastering Infectious Diseases Module: Antibiotic Prophylaxis in Hospitalized patients, March 13th, 2023.
- Academic leadership program, Mansoura University Development Center, 7-9 May 2023.
- Mastering Infectious Diseases Module: ASP Metrics, 25th May 2023.
- Workshop XIII: Clinical Cases in Lipidology held on December 27, 2023.
- Mastering Medication Management Module “Latest Update I ACS Guidelines” February 2024.
- Cardiology 360 II Episode 1 Treatment of Hypertension and Dyslipidemia in Current Era, February 21, 2024.
- CARDIO CAMP VIRTUAL WAVE “Meaningful Anticoagulation in the Elderly Co morbid & PCI patients, 27th of April 2024.

- ISE-SMNE Webinar: Precision Medicine in Dyslipidemia held on 20 May 2024.
- How Elsevier AI tools can unleash your productivity [4 hours] at Empowering Egypt's Research Future—AI, Integrity, and Impact, on Tuesday 04 November, 2025.
- Data-informed strategies for Universities & Research Institutions at Empowering Egypt's Research Future—AI, Integrity, and Impact, on Wednesday 05 November, 2025
- Managing your institution's Organization Profile on Scopus (2 hours and 0 minutes) at Egyptian Knowledge Bank, on Wednesday 03 June, 2026.
- Advancing Hypertension Care: From accurate diagnosis to Future Therapies, Hypertension Fundamentals: measurement, Mechanisms, and guidelines by Emirates Cardiac Society, 05 May, 2026.
- Medication and Safety innovation in Pharmacy Practice by Saudi commission for Health Specialties, 14 July 2026.

Faculty Development Center training workshop (Damanhour University)- 2020:

- Adopting an academic program, 12-13 August 2020.
- Quality standard in the process of teaching, 19-20 August 2020.
- Accreditation of an academic program, 29-30 August 2020.
- Intellectual property rights, 14-15 October 2020.
- Crisis & Disaster management, 30 October -1 December 2020.
- Exams and student evaluation systems, 9-10 December 2020.

Faculty Development Center training workshop- 2025-2026:

- Combating Corruption, 4-5 May 2025, **Damanhour University**.
- Crisis & Disaster management, 1-2 June 2025, **Tanta University**.
- Financial and legal aspects of university work, 28-29 June 2026, **Tanta University**.
- Strategic Planning, 12-13 January 2026, **Tanta University**.
- Human Resource Planning and Development, 10-11 February 2026, **Damanhour University**.
- Management of Time and conferences, 17-18 February 2026, **Tanta University**.
- Preparing competitive research projects, 11-12 July 21, 2026, **Tanta University**.

7. Conferences attended.

- The First International Pharmaceutical Science Conference, "Pharmacy Education and Community Expectations", Tanta Faculty of Pharmacy, Egypt, 2009.
- The Sixth International Conference in Biological Sciences, Tanta Faculty of Science, Egypt, 2010.
- The Third Scientific Forum for Students in Jazan University, Saudi Arabia, 2011.
- The Medical Research Day (Translational Medicine from Bench to Field), Jazan University, Saudi Arabia, 2012.
- International Conference on clouding computing ICC15 on 27-28 April 2015.

- Forum for Excellence in Scientific Publishing March 1-3, 2016.
- The Seventh Students Meeting in Princess Nourah University, Saudi Arabia, 2016.
- 8th International Scientific Conference of Faculty of Pharmacy- Cairo University, 22 April Pharmacy in Egypt: Ensuring Access to Health, 2017.
- 1st Scientific Conference of Pharmacy in Al-BEHIRA – Damanshour, 7th July 2018. (Speaker and drug information center session chairperson).
- 1st International Pharmaceutical Science Conference ‘Drug Development’ of Faculty of Pharmacy, Menoufia University, Egypt, August 11th – 12th, 2018.
- 1st Annual Conference of Mostafa Kamel Armed Forces Hospital for Rheumatology, Immunity and Associated Diseases in Collaboration with the Medical Military Academy & Faculty of Medicine- Alexandria University, Focus on Eye & skin August 30, 2018.
- 1st AFRICAN HEALTH SUMMIT, A multidisciplinary all one health care concept, Tanta University, Egypt, January 29th – February 1st, 2019, in Cairo.
- The 10th Annual Emirates Cardiac Society Conference together with the American College of Cardiology (ACC) Middle East Conference 2019, taking place from October 3 – October 5, 2019, in Dubai, UAE.
- 25th Dubai International Pharmaceutical & Technology Conference & Exhibition, DUPHAT 2020, 25 - 27 Feb 2020.
- the 7th Annual Int'l. Delta Diabetes Association Conference - DDA Virtual Event provided by Pure Spot Events Management, Egypt Which was held ONLINE on August 13-14 & August 20-21, 2020.
- 11th Emirates Cardiac Society (ECS) Conference in collaboration with the European Society of Cardiology (ESC) held on Thursday, October 22 to Saturday, October 24, 2020, Dubai, United Arab Emirates.
- 19th Regional Annual Assembly of the Egyptian Scientific Society of Bronchology, 1-4 December 2020.
- 2020 Quality Summit Virtual, American College of Cardiology Foundation, National Association for Healthcare Quality (CPHQ) on October 8 and 9, 2020.
- The 38th Annual Conference of Faculty of Medicine, Tanta University, Egypt- 10th International Conference – New Trends in Interventional Procedures in Medicine. 4-7 July 2023.
- OSPE STATION DESIGN IN BIOMEDICAL SCIENCE WORKSHOP in THE 38TH ANNUAL CONFERENCE FACULTY OF MEDICINE, TANTA UNIVERSITY, 10TH INTERNATIONAL CONFERENCE New Trends in Interventional Procedures in Medicine 4-7 July 2023|Faculty of Medicine - Tanta University, Tanta, Egypt.
- 1st BUE Pharmacy Summit “A Global Dialogue on Sustainable Healthcare” 12-13th October 2024 at the British University in Egypt.

8. Advanced Courses

-Advanced Physical chemistry, Advanced Instrumental Analysis and Advanced Statistics during the academic year 1998-1999 with overall grade: Very Good.

-Clinical Therapeutics, Pharmacokinetics and Research Design during the academic year 1999-2000 with overall grade: Very Good.

9. **Publications**

- 1- Hoda A. El-Bahrawy, Sahar K. Hegazy Wael F. Farrag and Rehab H. Werida: **Effect of Celecoxib and Glimepiride on Insulin Resistance and Adipocytokines Levels in Obese and Non-Obese Type 2 Diabetic Patients. International Journal of Medicine and Medical Sciences 2013; 46(4): 1414-1422.**
- 2- Hoda El-Bahrawy, Sahar Hegazy, Wael Farrag, Rehab Werida: **Correlation between adipocytokines and insulin resistance in obese and non-obese type 2 diabetic Egyptian patients. J Pharm Biol Sci 2014; 2(2): 12-18.**
- 3- Hoda El-Bahrawy, Sahar Hegazy, Wael Farrag, Rehab Werida: **Targeting inflammation using celecoxib with glimepiride in the treatment of obese type 2 diabetic Egyptian patients. Int J Diabetes Dev Ctries 2017; 37(2) 97–102.**
- 4- Rehab Werida, Lamiaa Khedr, Alaa El-Din El-Sisi, Mai Salama: **Effect of rosuvastatin on serum levels of vaspin and visfatin in patients with CAD. Curr Res Cardiol 2018;5(2):26-29.**
- 5- Rehab Werida, Selima El-Sharief, Rania Shoshan: **Sodium valproate use evaluation in patients with neurological disorders in tertiary care unit. Poster presentation, 1st International Pharmaceutical Science Conference ‘Drug Development’ of Faculty of Pharmacy, Menoufia University, Egypt, August 11th – 12th, 2018.**
- 6- Rehab Werida, Mayada Abdelaleem, Engy Abdel-Fatah: **Medication Use Evaluation of Proton Pump Inhibitors in a Tertiary Care Hospital. Poster presentation, 1st AFRICAN HEALTH SUMMIT, A multidisciplinary all one health care concept, Tanta University, Egypt, January 29th – February 1st, 2019.**
- 7- Noha M. El-Khodary, Rehab H. Werida, Amany M. El-Okaby: **Evaluation of Levofloxacin Utilization in Intensive Care Units of Damanhour Medical National Institute: a retrospective observational study. 1st AFRICAN HEALTH SUMMIT, A multidisciplinary all one health care concept, Tanta University, Egypt, January 29th – February 1st, 2019.**
- 8- Rehab Werida, Ibtesam Khairat, Lamiaa Khedr, Alaa El-Din El-Sisi: **Comparative Effects of Enalapril versus Perindopril on serum levels of leptin and adiponectin in hypertensive patients. ACTA CARDIOLOGICA 2019, DOI: 10.1080/00015385.2019.1636533**
- 9- Azza A. Ali, Hosny A. Elewa, Zeinab Alkasaby Zalat, Rehab Werida, Manal Ali Hamouda, Karema Abu-Elfotuh: **Alzheimer’s Risk Factors and Impact on Heart: Role of Propolis, Vinpocetine and Cocoa Combination in Enhancing the Protective Power of Mental and Physical Activity in Rats. 13th World Congress on Dementia and Alzheimer's Disease (September 16-17, 2019 Paris, France).**
- 10- Ibtsam Khairat, Rehab Werida, Aliaa Shaban, Ibrahim Abufarag: **Cardiotoxicity predictors in patients with osteosarcoma under chemotherapy: GDF15 and speckle tracking echocardiography. 10th Emirates Cardiac Society Congress together with the ACC Middle East Conference 2019, taking place from October 3 – October 5, 2019, Dubai, UAE.**
- 11- Rehab H. Werida, Amany M. El-Okaby, Noha M. El-Khodary. **Evaluation of Levofloxacin Utilization in Intensive Care Units of Tertiary Care Hospital: A Retrospective Observational Study" Drugs & Therapy Perspectives. 2019; DOI: 10.1007/s40267-019-00688-8.**
- 12- Hosny Elewa, Zeinab Alkasaby, Laila Rashed, Rehab Werida. **Effect of alpha lipoic acid on advanced glycation end products in patients with hemodialysis. 25th Dubai International Pharmaceutical & Technology Conference & Exhibition, DUPHAT 2020, 25 - 27 Feb 2020.**

- 13- Khairat, I., Khedr, L. & Werida, R. **Valsartan Versus Amlodipine Effect on Left Ventricular Multidirectional Deformation and Adipocytokines Levels in Hypertensive Patients: Speckle Tracking Echocardiography.** *High Blood Press Cardiovasc Prev* (2020). <https://doi.org/10.1007/s40292-020-00398-7>.
- 14- Hosny Ahmed Elewa, Zeinab Al-kasaby Zalat, Walaa A. Keshk, Rehab Hussein Werida. **Role of alpha-lipoic acid in protection from cardiovascular events in patients with hemodialysis.** *Journal of Bioscience and Applied Research*, 2020, Vol.6, No. 3, 121 -131.
- 15- Rehab Werida, MahmoudKabel, GamalOmran, AhmedShokry, TarekMostafa. **Comparative clinical study evaluating the effect of adding Vildagliptin versus Glimepiride to ongoing Metformin therapy on diabetic patients with symptomatic coronary artery disease.** *Diabetes Res Clin Pract.* 2020; 170:108473. DOI: 10.1016/j.diabres.2020.108473.
- 16- Rehab Werida, IbtsamKhairat, _Naglaa F.Khedr_ **Effect of atorvastatin versus rosuvastatin on inflammatory biomarkers and LV function in type 2 diabetic patients with dyslipidemia.** *Biomedicine & Pharmacotherapy.* 2021; 135; 111179. DOI: <https://doi.org/10.1016/j.biopha.2020.111179>
- 17- Rehab H. Werida, Nashwa M. El-Gharbawy, Tarek M. Mostafa. **Circulating IL-6, clusterin and irisin in obese subjects with different grades of obesity: association with insulin resistance and sexual dimorphism.** *Arch Endocrinol Metab.* 2021;65(2);2359-3997000000336. doi: 10.20945/2359-3997000000336.
- 18- Mostafa T.M., El-Gharbawy N.M., Werida R.H., **Circulating IRApE, Irisin, and IL-34 in Relation to Insulin Resistance in Patients with Type 2 Diabetes.** *Clin Ther.* 2021 Jun 5; S0149-2918 (21) 00218-6. doi: 10.1016/j.clin.thera.2021.05.003. PMID: 34103176. (Q2, impact factor:3.6).
- 19- Noha O. Mansour, Mohamed Abd Elhady Shama and Rehab H. Werida. **The effect of doxycycline on neuron-specific enolase in patients with traumatic brain injury: a randomized controlled trial.** *Ther Adv Chronic Dis* 2021, Vol. 12: 1–11 DOI: 10.1177/20406223211024362. PMID: 34262678. PMCID: PMC8246481 (Q2, impact factor:4.9).
- 20- Rehab Werida, Sohaila Abou-Madawy, Mohamed Abdelsalam, Maged Helmy. **Omega 3 Fatty Acids Effect on the Vascular Calcification Biomarkers Fetuin A and Osteoprotegerin in Hemodialysis Patients.** *Clin Exp Med.* 2022 May;22(2):301-310. doi: 10.1007/s10238-021-00740-w. PMID: 34286397. (Q2, impact factor:5.1).
- 21- Khedr NF, Werida RH. **I-carnitine modulates autophagy, oxidative stress and inflammation in trazodone induced testicular toxicity.** *Life Sci.* 2022 Feb 1; 290:120025. doi: 10.1016/j.lfs.2021.120025. PMID: 34637798. (Q1, impact factor: 6.78)
- 22- Rehab H. Werida, Ayman E. Omran, Noha M. El-Khodary. **Sortilin and Homocysteine as Potential Biomarkers for Coronary Artery Diseases.** *Int J Gen Med.* 2021 Sep 27;14:6167-6176. doi: 0.2147/IJGM.S324889. eCollection 2021. PMCID: PMC8485923. (Q2, impact factor:2.1)
- 23- Khedr NF, Werida RH, Abo-Saif MA. **Candesartan protects against d-galactose induced - Neurotoxicity and memory deficit via modulation of autophagy and oxidative stress.** *Toxicol Appl Pharmacol.* 2022 Jan 15; 435:115827. doi: 10.1016/j.taap.2021.115827. PMID: 34906534. (Q1, impact factor:4.46)

- 24- Dogheim GM, Khairat I, Omran GA, El-Haggag SM, Amrawy AME, Werida RH. **Clinical comparative study assessing the effect of ivabradine on neopterin and NT-Pro BNP against standard treatment in chronic heart failure patients.** *Eur J Clin Pharmacol*. 2022 Jun;78(6):943-954. doi: 10.1007/s00228-022-03290-6.
- 25- Werida RH, Elshafiey RA, Ghoneim A, Elzawawy S, Mostafa TM. **Role of alpha-lipoic acid in counteracting paclitaxel- and doxorubicin-induced toxicities: a randomized controlled trial in breast cancer patients.** *Support Care Cancer* 30, 7281–7292 (2022). <https://doi.org/10.1007/s00520-022-07124-0>
- 26- El-khodary, N.M., Dabees, H. & Werida, R.H. **Folic acid effect on homocysteine, sortilin levels and glycemic control in type 2 diabetes mellitus patients.** *Nutr Diabetes*. 2022 Jun 22;12(1):33. doi: 10.1038/s41387-022-00210-6.
- 27- Khedr NF, El-Feky OA, Werida RH. **L-Carnitine Mitigates Trazadone Induced Rat Cardiotoxicity Mediated via Modulation of Autophagy and Oxidative Stress.** *Cardiovasc Toxicol*. 2022 Jul 4. doi: 10.1007/s12012-022-09759-1. PMID: 35781619
- 28- Dogheim GM, Amralla MT, Werida RH. **Role of neopterin as an inflammatory biomarker in congestive heart failure with insights on effect of drug therapies on its level.** *Inflammopharmacology*. 2022 Jul 25. doi: 10.1007/s10787-022-01028-5. PMID: 35876931.
- 29- Zekry R, Omran GA, El-Gharbawy NM, Werida RH. **Comparative study of Dapagliflozin versus Glimepiride effect on insulin regulated aminopeptidase (IRAP) and interleukin-34 (IL-34) in patients with type 2 diabetes mellitus.** *Sci Rep*. 2023 Apr 18;13(1):6302. doi: 10.1038/s41598-023-33417-3. PMID: 37072577; PMCID: PMC10113266. (Q1, impact factor:4.997).
- 30- Khedr, L., Khedr, N.F. & Werida, R.H. **Functional capacity and inflammatory biomarkers as predictors for right atrial volume index in COPD patients.** *Int J Cardiovasc Imaging* (2023). <https://doi.org/10.1007/s10554-023-02871-5>
- 31- Abohamr SI, Abazid RM, Alhumaid MK, Abdulrahim AE, Aldossari MA, Khedr L, Werida RH, Alkheledan HS, Aleid YS, Abdelhamid SW, Al Mefarrej A, Abdelhamid AW, Alaboud MH, Alhasan OT, Gomaa HM and Elsheikh E. **Association between echocardiographic features and inflammatory biomarkers with clinical outcomes in COVID-19 patients in Saudi Arabia.** *Front. Cardiovasc. Med*. (2023) 10:1134601. doi: 10.3389/fcvm.2023.1134601
- 32- Werida RH, Ramzy A, Ebrahim YN, Helmy MW. **Role of Omega-3 Polyunsaturated Fatty Acid Supplementation in Patients with Type 2 Diabetes Mellitus.** *Journal of Advanced Medical and Pharmaceutical Research*. 5 October 2023. DOI: [10.21608/jampr.2023.235466.1058](https://doi.org/10.21608/jampr.2023.235466.1058)
- 33- Werida RH, Ramzy A, Ebrahim YN, Helmy MW. **Effect of coadministration of omega-3 fatty acids with glimepiride on glycemic control, lipid profile, irisin, and sirtuin-1 in type 2 diabetes mellitus patients: a randomized controlled trial.** *BMC Endocr Disord*. 2023 Nov 25;23(1):259. doi: 10.1186/s12902-023-01511-2. PMID: 38001474; PMCID: PMC10675938.
- 34- Dogheim GM, Werida RH. **Drug Utilization Evaluation Study of Ciprofloxacin Use and Adverse Events Occurrence: Role of Community Pharmacists.** *Journal of Pharmacy Technology*. 2023;0(0). doi:[10.1177/87551225231216328](https://doi.org/10.1177/87551225231216328)
- 35- Werida, R.H., Elattar, O.M., Abdelghafour, R.A., Asser Ghoneim. **Effect of rosuvastatin on sortilin and fetuin-A in type 2 diabetic patients: a randomized controlled trial.** *Int J Diabetes Dev Ctries* (2024). <https://doi.org/10.1007/s13410-024-01324-6>

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- 44- Rehab H. Werida; Eman M. Nada; Nashwa M. El-Gharbawy; Haidy A. Abass. **"Role of Curcumin and Fenofibrate on Cardiovascular Events in Type 2 Diabetes Mellitus."**, *Journal of Advanced Medical and Pharmaceutical Research*, 6, 1, 2025, 48-52. doi: 10.21608/jampr.2025.354114.1086
- 45- Werida, R.H., El-Sherif, S., Shoshan, R. Naglaa F.K. **Evaluation of prescribing patterns of sodium valproate in neurological disease patients: a quasi-experimental pretest–posttest design study.** *BMC Health Serv Res* **25**, 441 (2025). <https://doi.org/10.1186/s12913-025-12483-5>
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- 48- Iman M. Momtaz; Noha El bassiouny; Mohamed Afify; **Rehab H. Werida**. "Efficacy of Early Targeted Antibiotic Therapy in Patients with Sepsis and Septic Shock", *Journal of Advanced Medical and Pharmaceutical Research*, 2025, 87-97. doi: 10.21608/jampr.2025.366679.1090.
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- 50- Sireen Abdulrahim Shilbayeh, Naglaa Khedr, Mohammad A. Alshabeeb, Abdulmonem Ali Alsaleh, Abdalrhman Hamdan Alanizi, Omnia A. Abd El-Baset, **Rehab H. Werida** (2025) **Genetic Polymorphisms as Predictors of the Response of Hepatocellular Carcinoma Patients to Doxorubicin Chemotherapy: A Genome-Wide Association Study**. *Front. Pharmacol. Sec. Pharmacogenetics and Pharmacogenomics* (16). doi: 10.3389/fphar.2025.1604473
- 51- El-Sherbeni AA, Khedr NF, Khairat I, **Werida RH**. **Diagnostic and Prognostic Roles of Inflammatory Biomarkers in Patients With Coronary Heart Disease and Heart Failure Treated With Empagliflozin**. *Clin Ther*. 2025 May 23:S0149-2918(25)00162-6. doi: 10.1016/j.clinthera.2025.04.019. Epub ahead of print. PMID: 40413121.
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- 56- **Rehab H. Werida**, Naglaa F. Khedr, Ibtisam Khairat, Lamiaa Khedr. **Comparative Effects of Empagliflozin and Vildagliptin on Inflammation and Atrial Function in Patients with Type 2 Diabetes and Coronary Artery Disease: EMPA-VILDA-Response trial**. *European Journal of Pharmacology*, Volume 1007, 2025, 178244, ISSN 0014-2999, <https://doi.org/10.1016/j.ejphar.2025.178244>
- 57- Shama AM, El-Bassiouny NA, Bahnacy YE, **Werida RH**. **Impact of Alpha Lipoic Acid as an Adjuvant Therapy on Inflammation and Fibrosis in Type 2 Diabetic Patients with**

- Ischemic Cardiomyopathy: A Randomized Controlled Trial.** J Diet Suppl. 2026;23(1):1-22. doi: 10.1080/19390211.2025.2601020. Epub 2025 Dec 16. PMID: 41400270.
- 58- **Werida, R.H.,** Okda, S.M. **Therapeutic potential of L-carnitine in coronary artery disease: a systematic review.** Inflammopharmacol (2026). <https://doi.org/10.1007/s10787-025-02048-7>
- 59- **Rehab H. Werida,** Mohamed T. Amralla, Nader N. Bekhit, Mena Youssef, Gaidaa M. Dogheim. **Assessment of Safety and Acceptance toward Covid-19 Vaccines: A cross-sectional Study in Egypt.** medRxiv 2025.10.28.25338945; doi: <https://doi.org/10.1101/2025.10.28.25338945>
- 60- Abo-Saif, M.A., **Werida, R.H.,** Mohamed, S.A. *Khedr, N.F.* **Docosahexaenoic acid is comparable to vildagliptin in improving hyperglycemia and pancreatic insulin signaling of diabetic rats via SIRT1/Akt/PI3K pathway.** *Sci Rep* 16, 12704 (2026). <https://doi.org/10.1038/s41598-026-44514-4>
- 61- Raghdah kamal Ismail; Noha El-bassiouny; Mohamed Hegab; **Rehab H. Werida.** **"Correlation of sST2 and NT-proBNP with Echocardiographic Markers of Cardiac Remodeling in Patients with Heart Failure Preserved Ejection fraction",** *AlSalam International Journal of Pharmacy*, 4, 1, 2026, 1-10. doi: 10.21608/aijp.2026.506975.1016
- 62- Entesar K. Attia; **Rehab H. Werida;** Ibrahim M Alzawahry; Noha A El-Bassiouny. **"Clinical Preservation of Patient-Reported Outcomes with Adjunctive Fenofibrate in Breast Cancer Patients Receiving Anthracycline and Taxane Regimens: A Randomized Controlled Trial",** *Journal of Advanced Medical and Pharmaceutical Research*, 2026, 121-129. doi: 10.21608/jampr.2026.511431.1119
- 63- Zeyad M. Beshara; Noha A El-Bassiouny; Hossam Dabees; Reem Ahmed Abdelghafour; **Rehab H. Werida.** **"Effect Of Adding Vildagliptin Versus Glimepiride To On-Going Metformin Therapy On Copeptin And Fetuin-A In Type 2 Diabetic Patients: A Randomized Controlled Trial",** *Journal of Advanced Medical and Pharmaceutical Research*, 2026, 97-106. doi: 10.21608/jampr.2026.504945.1115.
- 64- Eman Elsheikh, Abdullah Ahmed Aladsani, Yousef Abdullatif Aljohar, Ghala Abdulaziz Alzahrani, Ali M. Alsadah, Maryam Abdulmohsen Almuhaysh, Walah Sami Rashid alowaynan, **Rehab H. Werida.** **Evaluation of Artificial Intelligence (AI) for Myocardial Infarction Health Information: Expert Accuracy Assessment and User Trust Survey.** Clin Ter 2026; 177 (5):1216-1233 doi: 10.7417/CT.2026.2124

10. Courses Taught

1. **Pathophysiology practical session, Faculty of Pharmacy** (Jazan University- Saudi Arabia), 2011.
2. **First Aid practical session, Faculty of Pharmacy** (Jazan University- Saudi Arabia), 2011.
3. **Integrated Pharmacotherapy I. Faculty of Pharmacy** (Princess Nourah bent Abdulrahman University- Saudi Arabia), 2015, 2016.
4. **Integrated Patient Care Laboratory. Faculty of Pharmacy** (Princess Nourah bent Abdulrahman University- Saudi Arabia), 2015, 2016.
5. **Principles of Evidence-Based Practice. Faculty of Pharmacy** (Princess Nourah bent Abdulrahman University- Saudi Arabia), 2015.
6. **Principles of Pharmacy Regulations & Health Ethics. Faculty of Pharmacy** (Princess Nourah bent Abdulrahman University- Saudi Arabia), 2015.
7. **Drug information and literature evaluation. Faculty of Pharmacy** (Princess Nourah bent Abdulrahman University- Saudi Arabia), 2016.

8. **Pharmacy Practice (Pharm-D Program,** Mansoura University- Egypt), 2016.
9. **Drug literature and Research Evaluation** (Pharm-D Program, Mansoura University- Egypt), 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2024.
10. **Clinical skills development** (Pharm-D Program, Faculty of Pharmacy-Mansoura University-Egypt), 2017, 2018, 2019, 2020, 2021, 2022, 2024.
11. **Drug Information & Pharmacovigilance** (Diploma Program, Faculty of Pharmacy- Mansoura University-Egypt), 2017, 2018, 2019, 2020, 2021, 2022, 2023-2024.
12. **Community Pharmacy Practice** (Bachelor Program, Faculty of Pharmacy- Damanhour University- Diploma Program, Mansoura University- Egypt), 2017- 2020, 2021,2022.
13. **Dispensing and Pharmaceutical Care** (Bachelor Program, Faculty of Pharmacy- Damanhour University- Egypt), 2017.
14. **Pharmacotherapeutics-I** (Master Program, Faculty of Pharmacy-Damanhour University-Egypt), 2017, 2018, 2019,2020.
15. **Pharmacotherapeutics- II** (Diploma Program, Faculty of Pharmacy-Damanhour University-Egypt), 2017, 2018, 2019,2020.
16. **Hospital pharmacy** (Bachelor Program, Faculty of Pharmacy- Damanhour University- Egypt), 2017, 2018, 2019, 2020, 2021.
17. **Drug Information** (Bachelor Program, Faculty of Pharmacy- Damanhour University- Egypt), 2018, 2019, 2020, 2021, 2022.
18. **Hospital pharmacy practice** (Diploma Program, Faculty of Pharmacy- Kafr El-Shaikh University- Egypt), 2018, 2019.
19. **Pharmaceutical Care for Geriatrics and Critical Care patients** (Master Program, Faculty of Pharmacy-Damanhour University-Egypt), 2018, 2019.
20. **Pharmaceutical Care for Geriatrics and Critical Care patients** (Diploma Program, Faculty of Pharmacy-Damanhour University-Egypt), 2018, 2019, 2020, 2021, 2022.
21. **Clinical Pharmacy I** (Bachelor Program, Faculty of Pharmacy- Damanhour University- Egypt), 2018, 2019, 2020, 2021, 2022.
22. **Clinical Pharmacy II** (Bachelor Program, Faculty of Pharmacy- Damanhour University- Egypt).
23. **Cardiovascular Diseases** (Bachelor Program, Faculty of Pharmacy- Damanhour University- Egypt).
24. **Clinical Research Design and Clinical Data Interpretation.** (Master Program, Faculty of Pharmacy- Damanhour University- Egypt).
25. **Pharmacy Practice.** (Diploma Program, Faculty of Pharmacy-Damanhour University-Egypt).
26. **Drug Information (Faculty of Pharmacy- AAST),** 2020, 2021.
27. **Pharmacotherapeutics- II** (Bachelor Program, Faculty of Pharmacy-Damanhour University-Egypt), 2021, 2022.
28. **Selected Topics in Clinical Pharmacy and Pharmacy practice.** (Ph.D Program, Faculty of Pharmacy- Damanhour University- Egypt).
29. **Clinical research design.** (Ph.D Program, Faculty of Pharmacy- Damanhour University- Egypt).
30. **Pharmacoepidemiology & Pharmacoeconomics.** (Ph.D Program, Faculty of Pharmacy- Damanhour University- Egypt).

11. Activities:

1- Supervisor and Examiners of Graduation Project of the Diploma of Clinical Pharmacy and Pharmacy Practice Degree, Faculty of Pharmacy, Damanhour University 2017-2018.

- Evaluation of the empirical use of antibiotics in hospital.
- Evaluation of cephalosporin use in Elhomyate hospital in Kafer El Dewar city.
- Drug Utilization Review of Ciprofloxacin in the Outpatient Department of General Hospital in El-Behira.
- Prescribing indicators in community pharmacy in both Alexandria & Behira regions.
- Role of pharmacist in Hepatitis C Treatment.
- Retrospective Levofloxacin Utilization Evaluation Study in Delengat Central Hospital – Buhaira Governorate.
- Risk Factors and Stress Ulcers Prophylaxis in Critical Care Patients.
- Evaluation of Tuberculosis treatment in Kafr El-Dawar chest hospital.

2018-2019

- Treatment Failure for Hepatitis C in genotype 4 patients with or without cirrhosis.
- Anti-platelet uses evaluation in patients with Coronary Heart Disease "Aspirin & Clopidogrel".
- Evaluation of Statin use in Diabetic patients type II.
- Intermittent Versus Continuous Infusion of vancomycin & ceftriaxone Therapy (Systematic review).

2019-2020

- Azithromycin Role in Management of Pandemic COVID-19 Infection.
- Glaucoma: Prevalence, Risk Factors and Medication Used in Eyes Hospital.
- Cardiac Biomarkers and Comorbidities in COVID-19 patients.
- Sofosbuvir role in treatment of chronic hepatitis C viral infection.

2020-2021

- Use Evaluation of Some Antibiotics in Treatment of Corona Virus Infection.
- Atorvastatin use evaluation in diabetic patients.
- The role of anticoagulants in the treatment of COVID-19 patients.

2021-2022

- Public Knowledge, Attitude, and perception towards COVID-19 Vaccination in Egypt.

- Perception of Patients with Type 2 Diabetes Mellitus toward their Adherence to Treatment and Glycemic Control.

2- Supervisor and Examiners of Graduation Project of the Doctor of Pharmacy in Clinical Pharmacy (Pharm D) Degree, Faculty of Pharmacy, Mansoura University. 2017-2018:

- Medication Use Evaluation of Proton Pump Inhibitors at University Teaching Hospital.
- Sodium valproates use evaluation in patients with neurological disorders in tertiary care unit.

2020-2021:

- Perception, knowledge, and attitude of healthcare workers in Egypt toward COVID-19 vaccines.
- Assessment of Knowledge and Attitude among patients toward Pharmaceutical Care in pharmacy community setting.

2021-2022

- Knowledge, Attitude, and practice towards Telepharmacy among Egyptian healthcare professionals in hospitals.
- Empagliflozin in Patients with Heart Failure: A Systematic Review.

3- Supervisor and Examiners of Graduation Project of the Clinical Pharmacy Diploma Degree, Faculty of Pharmacy, Mansoura University.

2020-2021:

- Sortilin Role in Cardiovascular disease.
- Evaluation of Anticoagulants Utilization in the Treatment of COVID-19.

2021-2022:

- Health Knowledge, Interests, Attitude, and the Need for Health Education Regarding the Use of Cosmetic Agents Among Women: A Cross-Sectional Study.

2023-2024:

- Role of vildagliptin in diabetic patients with cardiovascular diseases.
- Empagliflozin drug and it's real effect in medical field.
- Role of artificial intelligence in critical care. (Professional Specialized Diploma in Clinical Pharmacy)

4- Examiners of Graduation Project of the Doctor of Pharmacy in Clinical Pharmacy (Pharm D) Degree, Faculty of Pharmacy, Mansoura University, 2018-2019

- Novel antibiotics for treatment of multi-drug resistance bacteria.
- The comorbidity of diabetes mellitus and depression: bidirectional relationship and patient management.
- Rhythm Versus Rate Control in Patients with Atrial Fibrillation.

5- Examiners of Graduation Project of the Diploma of Nutrition in Pharmaceutical Care Degree, Faculty of Pharmacy, Tanta University:

2020-2021

- Dietary fiber intake and obesity.
- The relation between obesity and lifestyle (physical activity, screening time and sleeping hours).
- Obesity and its complications.
- Role of anti-obesity drugs in attenuating obesity-induced renal changes.
- Relation between obesity and polycystic ovaries.

6- Supervisor and Examiners of Graduation Project of the Diploma of Nutrition in Pharmaceutical Care Degree, Faculty of Pharmacy, Tanta University: (2021-2022)

- Assessment of the role of vitamin D supplementation on diabetic patients.
- The relationship between wrong-eating and daily habits with insulin resistance.

7- Supervisor and Examiners of Graduation Project of the Diploma of Nutrition in Pharmaceutical Care Degree, Faculty of Pharmacy, Tanta University: (2023-2024)

- Role of nutrition in the control of body weight of diabetic patients treated with insulin and oral hypoglycemic drugs.
- Impact of nutritional factors on glycemic control in children with type 1 diabetes mellites.

8- Examiners of Graduation Project of the Diploma of Nutrition in Pharmaceutical Care Degree, Faculty of Pharmacy, Tanta University: (2024-2025)

- Correlation Between Exclusive Breastfeeding and Breast Cancer Incidence.
- The Impact of Type 2 Diabetes Medications and Dietary Intakes on Skin Hypersensitivity Reactions.

9- Supervisor and Examiners of Graduation Project of the Diploma of Nutrition in Pharmaceutical Care Degree, Faculty of Pharmacy, Tanta University: (2024-2025-2026)

- Among Diabetic Patients Compared to Others Don't Follow any Nutritional Diet and Its' Effect on Their General Health, Glycemic Control and Comorbidities.
- Comparison Between High Protein Low Carbohydrate Diet and Myoinositol Effect on Polycystic Ovarian Syndrome.
- Effect of Diet and Weight Management Medications combined with antidiabetic therapy on Glycemic Control and Quality of Life in Type 2 Diabetes Patients.
- The Effect of Using Probiotics in Reducing Peripheral Neuropathy in Patients with Type 2 Diabetes.
- Effects of Tirzepatide on Quality of Life in Patients with Binge Eating Disorder.

10- Supervisor and Examiners of Graduation Project of the Bachelor (Pharm.D.) Degree, Faculty of Pharmacy, Dmanhour University: (2024-2025) and (2025-2026).

- Artificial Intelligence Importance' in Medical Fields.
- Immunotherapy in Rheumatoid Arthritis.

- Empagliflozin Role in Cardiovascular Diseases.

12. Seminar Talks

- 1. Brest Cancer Treatment** (Jazan University- Saudia Arabia) 2012.
- 2. Introduction to Evidence Based Practice** (Faculty of Pharmacy- Tanta University- Egypt) 2016.
- 3. Introduction to the Concept of Medication Information** (Faculty of Pharmacy- Tanta University- Egypt) 2017.
- 4. Drug Information expert** (El-Behaira Pharmacy Syndicate) 2017.
- 5. Basic principle in Drug Information Service 2nd, 3rd and 4th Run,** (Faculty of Pharmacy- Tanta University- Egypt) 2017.
- 6. How to be a Drug Information Specialist** (Faculty of Pharmacy- Tanta University- Egypt) 2017.
- 7. Clinical Pharmacology** (El-Behaira Pharmacy Syndicate) 14 May 2018.
- 8. Lipid Disorder** (El-Behaira Pharmacy Syndicate) 2018.
- 9. Critical Appraisal of Controlled Randomized trials** (1st Scientific Conference of Pharmacy in Al-BEHIRA – Damanhour) 2018.
- 10. The Educational Pharmacy that was held from 13 July to 5 September 2019** (Faculty of Pharmacy- Tanta University- Egypt).

11. Master Thesis Supervision:

1. The effect of adding Vildagliptin versus Glimepiride to Metformin on markers of inflammation, thrombosis, and atherosclerosis in diabetic patients with symptomatic coronary artery diseases.
2. The effect of omega 3 fatty acids on blood glucose, lipids profile, serum Irisin and sirtuin-1 in type 2 diabetic mellitus patients treated with glimepiride.
3. The effect of the omega 3 fatty acids on the vascular calcification biomarkers Fetuin A and osteoprotegerin in patients with chronic renal failure undergoing hemodialysis.
4. Role of Alpha-Lipoic Acid against chemotherapy induced toxicities in breast cancer patients.
5. Effects of rosuvastatin on markers of atherosclerosis in diabetic patients treated with glimepiride/metformin combination.
6. Effects of Ivabradine on Neopterin and NT-Pro BNP in Patients with Congestive Heart failure.
7. Comparative study of Dapagliflozin versus Glimepiride effect on insulin regulated aminopeptidase (IRAP) and interleukin-34 (IL-34) in patients with type 2 diabetes mellitus.
8. Comparison of the effect of fenofibrate versus curcumin in type 2 diabetic patients treated with glimepiride.
9. Potential Impact of Amantadine on traumatic brain injury outcomes.
10. Pharmacogenetic study in hepatocellular carcinoma patients underwent TACE.
11. Assessment of Trough Levels and Efficacy of Infliximab and Adalimumab in Irritable Bowel Disease Patients.
12. Postoperative Effects of Propofol or Sevoflurane Anesthesia in Egyptian Patients.
13. Efficacy of Early Targeted Antibiotic Therapy in Patients with Sepsis and Septic Shock.
14. BeEAM (Bendamustine, Etoposide, Cytarabine, Melphalan) versus CEM (Carboplatin, Etoposide, Melphalan) in lymphoma patients as a conditioning regimen before autologous hematopoietic cell transplantation.

15. Comparing between the effect of vildagliptin and glimepiride on copeptin, and its association with other diabetic and cardiac markers in type 2 diabetic patients.
16. Effect of Empagliflozin on cardiac remodeling in non-diabetic patients with preserved heart failure.
17. Pharmacogenetic Study of sorafenib In Egyptian Patients with Hepatocellular carcinoma.
18. The potential impact of Clindamycin on neurosurgery patients.
19. Evaluating the Effect of Montelukast on Doxorubicin Induced Cardiotoxicity in Breast cancer Patients.
20. Fenofibrate Role Against Chemotherapy Induced Peripheral Neurotoxicity in Breast Cancer Patients.
21. Effect of Alpha-lipoic acid on inflammatory and cardiac fibrosis markers in diabetic patients with Ischemic Cardiomyopathy.
22. The role of rutin/vitamin C combined therapy in patients with Helicobacter pylori infection.
23. Clinical study evaluating efficacy and Safety sacubitril-valsartan in patients with heart failure.

12. Ph.D Dissertation Supervision:

1. Effect of Dexmedetomidine on patients with brain injury.
2. Effect of alpha-lipoic acid in critically ill patients with sepsis.

13. Participating in Examination and Approval committee for Master and Ph.D. Degree

1. The effect of direct acting antiviral agents on vascular endothelial function in Egyptian patients with chronic hepatitis C virus infection. **Faculty of Pharmacy –Damanhour University** (2022). Dalia Salim (master).
2. The Cardioprotective Effect of Vitamin D in Breast Cancer Patients Receiving Adjuvant Doxorubicin Based Chemotherapy. **Faculty of Pharmacy –Damanhour University** (2022). Mostafa Alaa (master).
3. Clinical study evaluating the safety and efficacy of cilostazol on preventing paclitaxel-induced neuropathy in breast cancer patients. **Faculty of Pharmacy – Mansoura University** (2024). Esraa Haroon (master).
4. Assessing the clinical outcomes of dapagliflozin in hospitalized diabetic and non-diabetic patients with acute heart failure. **Faculty of Pharmacy – Mansoura University** (2024). Abdelrahman Nashat (master).
5. Study to evaluate the possible antifibrotic effect of Zinc Sulphate in chronic HCV patients receiving direct acting antiviral therapy. **Faculty of Pharmacy- Tanta University** (April 2025). Dina Samir (master).
6. Clinical study evaluating the efficacy and safety of adjunctive use of Midodrine in septic shock patients. **Faculty of Pharmacy – Mansoura University** (May 2025). Nadine Khaled (master).
7. Clinical study evaluating the efficacy and safety of Symbiotic as an adjuvant Therapy in the treatment of Parkinson's Disease. **Faculty of Pharmacy- Tanta University** (August 2025). Mohamed Ehab (master).
8. Efficacy and safety of using pentoxifylline as adjunctive treatment with neoadjuvant therapy for breast cancer patients. **Faculty of Pharmacy – Mansoura University** (January 2026). Samar Dewidar (Ph.D).
9. The possible effect of itraconazole as add-on therapy to paclitaxel and carboplatin on the treatment outcome in patients with advanced ovarian cancer. **Faculty of Pharmacy – Tanta University** (March 2026). Ahmed Ezzat (Master).

14. External Research Activities

I am a peer reviewer for scientific article published in the following journals:

- New England Journal of Medicine, NEJM, Massachusetts Medical Society.
- Scientific Report, Springer Nature.
- European Journal of Clinical Pharmacology, Springer.
- Diabetologia, Springer.
- Advances in Therapy, Springer.

- International Journal of Diabetes in Developing Countries (JDDC), Springer.
- High Blood Pressure & Cardiovascular Prevention, Springer.
- BMC Cardiovascular Disorders, Springer.
- Diabetology & Metabolic Syndrome, Springer.
- Frontiers in Cardiovascular Medicine. Frontiers in Pharmacology.
- Frontiers in Oncology, section Hematologic Malignancies.
- Frontiers In medicine. Frontiers in endocrinology. Frontiers in Molecular Biosciences
- PLOS ONE, Public Library of Science.
- British Journal of Clinical Pharmacology, Wiley Online Library
- Journal of Diabetes, John Wiley & Sons Australia, Wiley Online Library
- Journal of Clinical Pharmacy and Therapeutics, John Wiley & Sons, Inc. Hindawi.
- Diabetes, Metabolic Syndrome and Obesity, DOVE.
- International Journal of General Medicine, DOVE.
- Saudi Pharmaceutical Journal, SPJ- Elsevier.
- Saudi Medical Journal, SMJ, Saudi Arabian Armed Forces Hospital, Saudi Arabia.
- European Journal of Inflammation, SAGE Publishing.
- Journal of Pharmacy Practice, SAGE.
- Technology and Health Care, SAGE.
- SAGE Open Medicine.
- Medicine, Wolters Kluwer.
- Immunopharmacology And Immunotoxicology, Taylor & Francis group.
- Growth Factors, Taylor & Francis group.
- Future Journal of Pharmaceutical Sciences, Egypt, Springer Nature.
- Journal of Advanced Medical and Pharmaceutical Research, Tanta, Egypt.
- Bulletin of Pharmaceutical Sciences. Assiut, Egypt.

Editor for scientific article in the following journals:

- Frontiers in Neurology - Dementia and Neurodegenerative Diseases
- Frontiers in Medicine - Obstetrics and Gynecology
- International Journal of Food Science, John Wiley & Sons Ltd.

15. Awards

- Patent Awarded Silver Medal from Egyptian Pharmacist Syndicate.
- International Publication Awards.

14. References:

References and transcripts will be supplied upon request.