**

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**PERSONAL PROFILE**

**Assistant Professor of Pharmacology and Toxicology**

**Head of department of Pharmacology and Toxicology , Faculty of pharmacy, Nahda University, Beni-Suief, Egypt**

* **Date of birth** : 6-1-1988
* **Place of birth** : Fayoum
* **Marital status**: Married
* **Sex**  : Female
* **Nationality** : Egyptian
* **Address** : El-Fayoum city, Near Fayoum Sports Stadium

**Languages**

* **Arabic** :Mother Tongue
* **English** :Very Good

**Academic Degrees**

* **May / 2010** : Have got bachelor in pharmaceutical sciences

 **Grade:** **Excellent with honor**

* **September/2013:** Have got pre-master degree in pharmacology

and toxicology, Faculty of pharmacy, Beni-Suief University with

first place.

* **October/2015** : Have got master degree in pharmacology and

toxicology, Faculty of pharmacy, Beni-Suief University.

* **March/2018** : Have got PhD degree in pharmacology and

toxicology, Faculty of pharmacy, Beni-Suief University.

* **March/2023** : Have got Assistant Professor degree in pharmacology and

toxicology, Supreme Council of Universities.

 **Academic Professional Occupations**

* Demonstrator of Pharmacology and Toxicology, Faculty of Pharmacy, Nahda University, from March 2014 to December 2015.
* Assistant lecturer of Pharmacology and Toxicology, Faculty of Pharmacy, Nahda University, from December 2015 to May 2018.
* Lecturer of Pharmacology and Toxicology, Faculty of Pharmacy, Nahda University, from May 2018 to March 2023.
* Assistant Professor of Pharmacology and Toxicology, Faculty of Pharmacy, Nahda University, from March 2023, till now.
* Head of the Department of Pharmacology and Toxicology - Faculty of Pharmacy - Al-Nahda University since October 2022 until now.

**Other Occupations**

* Supervisor of the Animal House at Faculty of Pharmacy - Nahda University since October 2018 until now.
* Head of the Financial and Material Resources Standard - Faculty of Pharmacy - Nahda University, from September 2021 until now.
* Member of the Scientific Research Ethics Committee at Faculty of Pharmacy - Nahda University since October 2022 until now.
* Member of the Drug Information Center (DIC) - Faculty of Pharmacy - Nahda University during the academic year 2021-2022.
* Member of the College Council - Faculty of Pharmacy - Nahda University since June 2018 until now.
* Member of the Program for Helping and Supporting Struggling Students (Big Brother) - Faculty of Pharmacy - Nahda University since June 2018 until now.
* Member of the Academic Advising Committee - Faculty of Pharmacy - Nahda University since June 2018 until now.
* Member of the summer field training program for students - Faculty of Pharmacy - Nahda University, since September 2018 until now.
* Member of the Postgraduate Studies Committee, Department of Pharmacology and Toxicology, Faculty of Pharmacy, Nahda University, from October 2018 to October 2022.
* Member of the Scientific Committee, Department of Medicines and Toxicology - Faculty of Pharmacy - Nahda University, since October 2022 until now.
* Member of the Schedule Committee, Department of Pharmacology and Toxicology, Faculty of Pharmacy, Nahda University, during the academic year 2021-2022.
* Head of the Financial and Material Resources Standard at the Quality Assurance Unit, Faculty of Pharmacy - Nahda University since 2022 until now.
* Member of the Questionnaires Committee - Faculty of Pharmacy - Nahda University since October 2018 until now.
* Member of the Programs and Courses Committee - Faculty of Pharmacy - Nahda University since September 2018 until now.
* Member of the Crisis and Disaster Committee - Faculty of Pharmacy - Nahda University since September 2021 until now.
* Secretary of the College Council - Faculty of Pharmacy - Nahda University, from November 2020 until now.
* Control Member - Faculty of Pharmacy - Nahda University since June 2018 until now.
* Member of the Cultural Committee for Student Activities from October 2022 until now.
* Member of the MRSA Student Committee for Scientific Research - Faculty of Pharmacy - Nahda University during the academic year 2018-2019 and 2019-2020.
* Member of the Committee for Examination and Destruction of Damaged and Unfit Chemicals - Faculty of Pharmacy - Nahda University, since September 2022 until now.
* Member of the General Syndicate of Pharmacists of Egypt since 2010 until now.
* Member of the Sub-Syndicate in Fayoum Governorate from 2010 until now.
* Member of the committee formed for a meeting with the Informatics Company to develop the electronic system at Nahda University during the academic year 2020-2021.
* Member of the committee formed for a meeting with Winix SIS POC to develop the electronic system at Nahda University during the academic year 2022-2023.
* Member of the ELS team within the Faculty of Pharmacy - Nahda University during the academic year 2018-2019.
* Secretary of the Board of the Department of Drugs and Poisons - Faculty of Pharmacy - Nahda University from June 2018 to October 2020.
* Responsible for the department file - Faculty of Pharmacy - Nahda University during the academic year 2018-2019 and 2019-2020
* Responsible for setting the schedule of supervision for faculty members on exams halls from 2011 till now.
* Responsible for setting the schedule of observations for free subjects and university requirements for the exams of the College of Pharmacy from 2011 till now.
* Responsible for the control store for the academic year 2019-2020
* Responsible for technical support meetings regarding the standard of financial and material resources from the Faculty of Pharmacy to the Faculty of Engineering at Al-Nahda University on 11-22-2021.
* Supervising the training of the college evacuation plan in the event of disasters on 10-26-2021.
* Member in preparing for the academic accreditation visit by the National Authority for Quality Assurance of Education and Accreditation - College of Pharmacy - Al-Nahda University in the period 3/18/2019 to 3/20/2019

**Research EXPERIENCE**

**A- Scientific thesis**

1- " Pharmacological study of the possible effects of angiotensin 2 receptor antagonists and statins in experimentally induced rheumatoid arthritis in rats". M.Sc Thesis, Pharmacology and Toxicology department, Faculty of pharmacy, Beni-Suief University, 2015.

2- " Possibility for attenuation of rheumatoid arthritis aggressiveness in rat model". Ph.D Thesis, Pharmacology and Toxicology department, Faculty of pharmacy, Beni-Suief University, 2018.

**B- Post doctor research**

1. Hassanein, E. H., Alotaibi, M. F., Alruhaimi, R. S., Abd El-Ghafar, O. A., Mohammad, M. K., Atwa, A. M., & Mahmoud, A. M. (2024). Diallyl disulfide prevents cadmium-induced testicular injury by attenuating oxidative stress, apoptosis, and TLR4/NF-κB and JAK1/STAT3 signaling and upregulating SIRT1 in rats. Journal of Trace Elements in Medicine and Biology, 127560.‏
2. Alruhaimi, R. S., Hassanein, E. H., Alnasser, S. M., Alzoghaibi, M. A., Abd El-Ghafar, O. A., Mohammad, M. K., ... & Mahmoud, A. M. (2024). The sesquiterpene alcohol farnesol mitigates cadmium hepatotoxicity by attenuating oxidative stress and NF-κB/NLRP3 inflammasome axis and upregulating PPARγ in rats. EXCLI Journal, 23, 1356-1374.‏
3. Amin, E., Abouzeid, H., Afifi, N., Aboud, H. M., Abd El-Ghafar, O. A., Alabdulrahim, A. K., & Ahmed, H. S. (2024). Plantago boissieri: Phytochemical Assessment, Antioxidant, Anti‐inflammatoryand Wound Healing Potential. Chemistry & Biodiversity, e202401718.‏
4. El-Shoura, E. A., Mohamed, A. A., Atwa, A. M., Salem, E. A., Sharkawi, S. M., Selim, H. M., ... & Abd El-Ghafar, O. A. (2024). Combined diosmin and bisoprolol attenuate cobalt chloride-induced cardiotoxicity and endothelial dysfunction through modulating miR-143-3P/MAPK/MCP-1, ERK5/CXCR4, Orai-1/STIM-1 signaling pathways. International Immunopharmacology, 140, 112777.‏
5. Alruhaimi, R. S., Hassanein, E. H., Alotaibi, M. F., Alzoghaibi, M. A., El-Ghafar, A., Omnia, A. M., ... & Mahmoud, A. M. (2024). Diallyl Disulfide Mitigates Cadmium Hepatotoxicity by Attenuating Oxidative Stress and TLR-4/NF-κB Signaling and Upregulating PPARγ. Frontiers in Bioscience-Landmark, 29(10).‏
6. Hassanein, E. H., Althagafy, H. S., Mansour, S. M., Omar, Z. M., Hussein Hassanein, M. M., & Abd El-Ghafar, O. A. (2024). Vinpocetine attenuates 5-fluorouracil-induced intestinal injury: role of the Keap1/Nrf2/HO-1, NF-κB/TLR4/SOCS3 and RIPK1/RIPK3/MLKL signals. Immunopharmacology and Immunotoxicology, 1-9.‏
7. Amin, E., Abdel-Bakky, M. S., Almahmoud, S. A., & Abd El-Ghafar, O. A. (2024). Pharmacological insight into The Potential Efficacy of Some Halophytes in Alleviating Digestive System Disorders. Pharmacognosy Journal, 16(5).‏
8. Arafat, M. A., Khalil, M. N., Mohamed, O. G., Abd El-Ghafar, O. A., Tripathi, A., Mahrous, E. A., ... & El-Hawary, S. (2023). Vetiver aerial parts and roots ameliorate rheumatoid arthritis in complete Freund's adjuvant rat model, a phytochemical profiling and mechanistic study. Journal of Ethnopharmacology, 317, 116764.‏
9. Ali, F. E., Hassanein, E. H., Abd El‐Ghafar, O. A., Rashwan, E. K., Saleh, F. M., & Atwa, A. M. (2023). Exploring the cardioprotective effects of canagliflozin against cisplatin‐induced cardiotoxicity: Role of iNOS/NF‐κB, Nrf2, and Bax/cytochrome C/Bcl‐2 signals. Journal of Biochemical and Molecular Toxicology, e23309.‏
10. Salem, H. F., El-Maboud, A., Mohamed, M., Said, A. S., Salem, M. N., Sabry, D., Abd El-Ghafar, O. A … & Hussein, R. R. (2023). Nano Methotrexate versus Methotrexate in Targeting Rheumatoid Arthritis. Pharmaceuticals, 16(1), 60.‏
11. Hassanein, E. H., Sayed, G. A., Alzoghaibi, A. M., Alammar, A. S., Abdel-Wahab, B. A., Abd El-Ghafar, O. A., ... & Mahmoud, A. M. (2022). Azithromycin Mitigates Cisplatin-Induced Lung Oxidative Stress, Inflammation and Necroptosis by Upregulating SIRT1, PPARγ, and Nrf2/HO-1 Signaling. Pharmaceuticals, 16(1), 52.‏
12. Hassanein, E. H., Ahmed, M. A., Sayed, A. M., Rashwan, E. K., Abd El‐Ghafar, O. A., & Mahmoud, A. M. (2021). Edaravone mitigates hemorrhagic cystitis by modulating Nrf2, TLR‐4/NF‐κB, and JAK1/STAT3 signaling in cyclophosphamide‐intoxicated rats. Journal of Biochemical and Molecular Toxicology, 35(11), e22889.‏
13. Hassanein, E. H., Saleh, F. M., Ali, F. E., Rashwan, E. K., Atwa, A. M., & Abd El-Ghafar, O. A. (2022). Neuroprotective effect of canagliflozin against cisplatin-induced cerebral cortex injury is mediated by regulation of HO-1/PPAR-γ, SIRT1/FOXO-3, JNK/AP-1, TLR4/iNOS, and Ang II/Ang 1–7 signals. Immunopharmacology and Immunotoxicology, 1-13.‏
14. Atwa, A. M., Abd El-Ghafar, O. A., Hassanein, E. H., Mahdi, S. E., Sayed, G. A., Alruhaimi, R. S., ... & Mahmoud, A. M. (2022). Candesartan Attenuates Cisplatin-Induced Lung Injury by Modulating Oxidative Stress, Inflammation, and TLR-4/NF-κB, JAK1/STAT3, and Nrf2/HO-1 Signaling. Pharmaceuticals, 15(10), 1222.‏
15. Abd El‐Ghafar, O. A., Hassanein, E. H., Ali, F. E., Omar, Z. M., Rashwan, E. K., Mohammedsaleh, Z. M., & Sayed, A. M. (2022). Hepatoprotective effect of acetovanillone against methotrexate hepatotoxicity: Role of Keap‐1/Nrf2/ARE, IL6/STAT‐3, and NF‐κB/AP‐1 signaling pathways. Phytotherapy Research, 36(1), 488-505.‏
16. Arafa, E. S. A., Refaey, M. S., Abd El-Ghafar, O. A., Hassanein, E. H., & Sayed, A. M. (2021). The promising therapeutic potentials of ginsenosides mediated through p38 MAPK signaling inhibition. Heliyon, 7(11), e08354.‏
17. Sayed, A. M., Hassanein, E. H., Ali, F. E., Omar, Z. M., Rashwan, E. K., Mohammedsaleh, Z. M., & Abd El-Ghafar, O. A. (2021). Regulation of Keap-1/Nrf2/AKT and iNOS/NF-κB/TLR4 signals by apocynin abrogated methotrexate-induced testicular toxicity: Mechanistic insights and computational pharmacological analysis. Life sciences, 284, 119911.‏
18. Mahmoud, A. M., Abd El-Ghafar, O. A., Alzoghaibi, M. A., & Hassanein, E. H. (2021). Agomelatine prevents gentamicin nephrotoxicity by attenuating oxidative stress and TLR-4 signaling, and upregulating PPARγ and SIRT1. Life Sciences, 278, 119600.‏
19. Abd El‐Ghafar, O. A., Hassanein, E. H., Sayed, A. M., Rashwan, E. K., Shalkami, A. G. S., & Mahmoud, A. M. (2021). Acetovanillone prevents cyclophosphamide‐induced acute lung injury by modulating PI3K/Akt/mTOR and Nrf2 signaling in rats. Phytotherapy Research, 35(8), 4499-4510.‏
20. Hassanein, E. H., Abdel-Wahab, B. A., Ali, F. E., Abd El-Ghafar, O. A., Kozman, M. R., & Sharkawi, S. M. (2021). Trans-ferulic acid ameliorates cisplatin-induced testicular damage via suppression of TLR4, P38-MAPK, and ERK1/2 signaling pathways. Environmental Science and Pollution Research, 28, 41948-41964.‏
21. Hassanein, E. H., Ali, F. E., Kozman, M. R., & Abd El-Ghafar, O. A. (2021). Umbelliferone attenuates gentamicin-induced renal toxicity by suppression of TLR-4/NF-κB-p65/NLRP-3 and JAK1/STAT-3 signaling pathways. Environmental Science and Pollution Research, 28, 11558-11571.‏
22. Hassanein, E. H., Abd El-Ghafar, O. A., Ahmed, M. A., Sayed, A. M., Gad-Elrab, W. M., Ajarem, J. S., ... & Mahmoud, A. M. (2020). Edaravone and acetovanillone upregulate Nrf2 and PI3K/Akt/mTOR signaling and prevent cyclophosphamide cardiotoxicity in rats. Drug design, development and therapy, 5275-5288.‏
23. El-Ghafar, O. A. M. A., Helal, G. K., & Abo-Youssef, A. M. (2020). Apixaban exhibits anti-arthritic effects by inhibiting activated factor X-mediated JAK2/STAT3 and MAPK phosphorylation pathways. Inflammopharmacology, 28, 1253-1267.‏
24. Salem, H. F., Nafady, M. M., Kharshoum, R. M., Abd el-Ghafar, O. A., & Farouk, H. O. (2020). Novel enhanced therapeutic efficacy of dapoxetine HCl by nano-vesicle transdermal gel for treatment of carrageenan-induced rat paw edema. AAPS PharmSciTech, 21, 1-13.‏
25. Salem, H. F., Nafady, M. M., Kharshoum, R. M., Abd el-Ghafar, O. A., & Farouk, H. O. (2020). Mitigation of rheumatic arthritis in a rat model via transdermal delivery of dapoxetine HCl amalgamated as a nanoplatform: in vitro and in vivo assessment. International journal of nanomedicine, 1517-1535.‏
26. Hassib, S. T., Hassan, G. S., El-Zaher, A. A., Fouad, M. A., Abd El-Ghafar, O. A., & Taha, E. A. (2019). Synthesis and biological evaluation of new prodrugs of etodolac and tolfenamic acid with reduced ulcerogenic potential. European Journal of Pharmaceutical Sciences, 140, 105101.‏
27. El-Gaphar, O. A. M. A., Abo-Youssef, A. M., & Halal, G. K. (2018). Levetiracetam mitigates lipopolysaccharide-induced JAK2/STAT3 and TLR4/MAPK signaling pathways activation in a rat model of adjuvant-induced arthritis. European Journal of Pharmacology, 826, 85-95.‏
28. El-Gaphar, O. A. M. A., Abo-Youssef, A. M., & Abo-Saif, A. A. (2018). Effect of losartan in complete freund’s adjuvant–induced arthritis in rats. Iranian Journal of Pharmaceutical Research: IJPR, 17(4), 1420.‏
29. Abd El-Gaphar, O. A. M., Abo-youssef, A. M., & Helal, G. K. (2017). Bacterial lipopolysaccharide vigorously activate JAK2/STAT3 induced rheumatoid arthritis collate with complete freund’s adjuvant in experimental rats. Biomedical and Pharmacology Journal, 10(4), 2071-2076.‏
30. El-Gaphar, O. A. A., Abo-youssef, A. M., & Abo-saif, A. A. (2015). Differential effects of atorvastatin and prednisolone on inflammation, oxidative stress and hematological biomarkers on freund's adjuvant induced-arthritis in rats. Int. J. Pharm. Sci. Rev. Res, 33, 235-241.‏

**C- Scientific conferences, forums and public lectures**

1. **Participation by a poster in the NUB 2nd Conference of Scientific Research in Pharmacy " Future Insights". Organized by Faculty of pharmacy, Nahda University, 11th-12th March 2019.**
* **Poster title:** Bacterial Lipopolysaccharide Vigorously Activate JAK2/STAT3 Induced Rheumatoid Arthritis Collate with Complete Freund’s Adjuvant in Experimental Rats.
* **Authors:** Omnia A. M. Abd El-Ghafar, Amira Mourad Abo-youssef, and Gouda Kamel Helal.
1. **Participation by a poster in the NUB 3rd International Conference of Scientific Research in Pharmacy " New Trends in Pharmaceutical Sciences". Organized by Faculty of pharmacy, Nahda University, 1st-2nd March 2022.**
* **Poster title:** The Potential of Anti-oxidants in Alleviation of Cyclophosphamide-Induced Hemorrhagic Cystitis in Rats by Modulation of Different Signaling Pathways.
* **Authors:** Emad HM Hassanein, Marwa A Ahmed, Ahmed M Sayed, Eman K Rashwan, Omnia AM Abd El-Ghafar, Ayman M Mahmoud
1. **Participation by a poster in the 14th International Phytocosmetics & Phytotherapy Congress IPPC Egypt 2022. Organized by Faculty of pharmacy, Fayoum University, 10th-12th May 2022.**
* **Poster title:** Renal Protective Effects of 7-Hydroxycumarine Cisplatin-Induced Renal Injury: An In-Vivo Study and Molecular Modeling.
* **Authors:** Emad H. M. Hassanein, Fares E. M. Ali, Magy R. Kozman, and Omnia A. M. Abd El-Ghafar
1. **Participation by a poster in the 2nd International Conference on Pharmaceutical, Biological Sciences and Applied Chemistry. Organized by Faculty of pharmacy, Deraya University, 10th-13th September 2022.**
* **Poster title:** Acetovanillone Targeting Kinase Signaling Pathways As A Hepatoprotective Agent Against Methotrexate Therapy.
* **Authors:** Omnia AM Abd El‐Ghafar, Emad HM Hassanein, Fares EM Ali, Zainab MM Omar, Eman K Rashwan, Zuhair M Mohammed saleh, and Ahmed M Sayed
1. **Participation by a poster in the 7th International Conference of Faculty of Pharmacy, ''Modern Aspects in Pharmaceutical Sciences''. Organized by Faculty of pharmacy (Boys), Al-Azhar University , 22nd-23rd October 2022.**
* **Poster title:** Therapeutic Approach of Acetovanillone and 3-methyl-1-phenyl-2-pyrazolin-5-one in Management of Cyclophosphamide Cardiotoxicity in Rats**.**
* **Authors:** Emad HM Hassanein, Omnia AM Abd El-Ghafar, Marwa A Ahmed, Ahmed M Sayed, Wail M Gad-Elrab, Jamaan S Ajarem, Ahmed A Allam, and Ayman M Mahmoud
1. **Participation by a poster in the 2nd International Conference & Exhibition on Pharmaceutical & Health Care Sciences '' PHS 2022''. Organized by Faculty of pharmacy, Alexandria University , 23rd-24th November 2022.**
* **Poster title:** Apocynin Abrogated Methotrexate-Induced Testicular Toxicity in Rats: Cross- Talk Between Oxidative Stress, Inflammation, and Molecular Signal Expression
* **Authors:** Ahmed M Sayed, Emad HM Hassanein, Fares EM Ali, Zainab MM Omar, Eman K Rashwan, Zuhair M Mohammed saleh, and Omnia AM Abd El-Ghafar
1. **Participation in organization of the NUB 2nd Conference of Scientific Research in Pharmacy " Future Insights". Organized by Faculty of pharmacy, Nahda University, 11th-12th March 2019.**
2. **Participation in 3rd International Conference " Sustainability And Innovation Of Pharmaceutical Research And Industry". Organized by Faculty of pharmacy, Ain Shams University, Nov 19-20, 2023.**
3. **Participation in 2nd international scientific conference " Recent Advances In Pharmaceutical Practice And Research". Organized by Faculty of pharmacy, October 6 University, May 1st 2024.**
4. **Participation in organiztion and by a poster in 4th international scientific conference " Health Care – Egypt Vision 2030". Organized by Faculty of pharmacy, Nahda University, october 22-23, 2024.**

**D-** **Training courses and workshops**

* + **Training courses for developing the capabilities of faculty members:**

1. "University Administration" course (21/5/2022 - 1/6/2022) - at the Human Resources Development Center, Beni Suef University.

2. A course on "Preparing Competitive Projects for Research Funding" (6/5/2022 - 6/6/2022) - at the Human Resources Development Center, Beni Suef University.

3. "Quality Standards in the Teaching Process" course (6/19/2022 - 6/20/2022) - at the Human Resources Development Center, Beni Suef University.

4. A course on "Integrity, Transparency and Anti-Corruption" (6/21/2022 - 6/22/2022) - at the Human Resources Development Center at Beni Suef University.

5. A course on "Professional Ethics and Behavior in University Work" (6/26/2022 - 6/27/2022) - at the Human Resources Development Center at Beni Suef University.

6. "International Publication of Scientific Research" course (8/14/2022 - 8/15/2022) - at the Human Resources Development Center, Beni Suef University.

* + **Digital Transformation Courses:**

1. “Fundamental of IT & OS” course (7/2022) - at the Information Technology Training Center at Beni Suef University, which is affiliated with the Information Technology Training Center of the Supreme Council of Universities.

2. "Word" course (7/2022) - at the Information Technology Training Center at Beni Suef University, which is affiliated with the Information Technology Training Center of the Supreme Council of Universities.

3. "Power Point Presentation" course (7/2022) - at the Information Technology Training Center at Beni Suef University, which is affiliated with the Information Technology Training Center at the Supreme Council of Universities.

4. "Spreadsheets" course (7/2022) - at the Information Technology Training Center at Beni Suef University, which is affiliated with the Information Technology Training Center at the Supreme Council of Universities.

5. "Fundamental of Data Base" course (7/2022) - at the Information Technology Training Center at Beni Suef University, which is affiliated with the Information Technology Training Center of the Supreme Council of Universities.

6. "Mobile Application" course (7/2022) - at the Information Technology Training Center at Beni Suef University, which is affiliated with the Information Technology Training Center of the Supreme Council of Universities.

7. "Web Editing and Publishing" course (7/2022) - at the Information Technology Training Center at Beni Suef University, which is affiliated with the Information Technology Training Center of the Supreme Council of Universities.

* + **Quality Assurance courses and workshops:**

1. Workshop "Preparing Targeted Learning Outcomes Matrices for the Educational Program and Courses" (8/25/2018) - Faculty of Pharmacy - Nahda University.

2. Workshop on "Specification of an educational program and course" (8/25/2018) - Faculty of Pharmacy - Nahda University.

3. "Blue Print" workshop (6/26/2018) - Faculty of Pharmacy - Nahda University.

4. Workshop "Contents of the course file" (9/2/2018) - Faculty of Pharmacy - Nahda University.

5. Workshop on “ILOS Targeted Learning Outcomes to Describing the Educational Program” (9/9/2018) - Faculty of Pharmacy - Nahda University.

6. Workshop "Matrix of Compatibility between the Learning Outcomes Targeted for the Educational Program and the NARS" (9/15/2018) - Faculty of Pharmacy - Nahda University.

7. Workshop on "Quality Concepts" (3/5/2019) - Faculty of Pharmacy - Nahda University.

8. Workshop on "Strategic Planning, Its Importance and Implementation Steps" (29/1/2021) - Faculty of Pharmacy - Nahda University.

9. Workshop on "Updating Self-Study Standards" (9/5/2021) - Faculty of Pharmacy - Nahda University.

10. Workshop on "Updating Self-Study Standards" (9/11/2021) - Faculty of Pharmacy - Nahda University.

11. “Academic Advising” workshop (9/18/2022) - Faculty of Pharmacy - Nahda University.

12. Course "Description of Programs and Courses in Light of the Introduction to Competencies / Competencies" (9/19/2022 - 9/21/2022) - by the National Authority for Education Quality Assurance and Accreditation.

13. Workshop "How to apply competence based education in pharmacy" (10/18/2022) - Faculty of Pharmacy - Nahda University.

* + **Courses and workshops related to the research and academic field:**

1 . Workshop "OTC and Prescription Handling" (10/17/2018) - Faculty of Pharmacy - Nahda University.

2. Workshop "Sources of funding research projects and grants" (10/17/2021) - Faculty of Pharmacy - Nahda University.

3. Workshop "Explore Microsoft word tips for smooth and quick academic writing" (3/29/2022) - Faculty of Pharmacy - Nahda University.

4. Workshop on "University Model Driven by Learning and Applications of Excellence" (5/14/2022) - Faculty of Human Medicine - Nahda University.

5. "Radiation Hazards and Safety in Healthcare" workshop (5/24/2022) - The National Research Center in Cairo.

6. "Best Practice Scientific Writing and Publishing" workshop (7/31/2022) - Faculty of Pharmacy - Nahda University.

7. "Scientific Research Initiative" workshop (8/14/2022) - as part of the Free Fundamentals of Scientific Research initiative by Dr. Muhammad Anas Al-Baz.

8. Workshop on “Methodological Procedures for Analyzing Scientific (Investigative) Research Data” (8/15/2022) - The Scientific Association for Applied Studies and Research.

9. Workshop "Model for controlling the accumulation of research information" (8/20/2022) - The Scientific Association for Applied Studies and Research.

10. "Scholar's Compass" workshop (8/25/2022) - a scientific dispatch platform for researchers and academics.

11. "Big Data and its uses in scientific research" workshop (9/1/2022) - a scientific dispatch platform for researchers and academics.

12. “Improving Data Publishing Practices in Research” workshop (9/12/2022) - ELSEVIER Researcher Academy.

13. "How To Prepare Your Manuscript" Workshop (9/12/2022) - ELSEVIER Researcher Academy.

14. “Reaxys empowering synthesis of tumor target agents beyond literature” workshop (9/12/2022) - ELSEVIER Researcher Academy.

15. Workshop "Problem Solving Skills and Decision Making in Scientific Research" (9/15/2022) - The Scientific Association for Applied Studies and Research.

16. "Clinical Nutrition in Critical Illness, Hands on TPN calculation" workshop (from September 10 to 13, 2022) - College of Pharmacy - Derayah University.

17. Workshop "Readings in the Rules and Regulations of the Scientific Committees' Work (Fourteenth Session)" (1/11/2022) - Faculty of Pharmacy - Al-Nahda University.

18. “Bioinformatics and Predictive Modeling in the Realm of Personalized Medicine” workshop (12/20/2022) - Faculty of Pharmacy - Al Nahda University.

19. “Hybrid education” workshop (29/8/2023) - Faculty of Pharmacy - Al Nahda University.

20. “Forensic Toxicology” workshop (9/2023) - Forensic Medicine Foundation in Cairo.

**E- Other activities**

* Participation in exam work, which includes setting and correcting exams, supervising exam committees, and presenting results at the Faculty of Pharmacy -Nahda University, since the academic year 2017-2018 to date.
* Participation in academic support for struggling students (older brother) at the Faculty of Pharmacy - Al-Nahda University, since the academic year 2017-2018 to date.
* Supervising student activities within the Drugs and Toxicology Department at the Faculty of Pharmacy - Al-Nahda University since the academic year 2017-2018 to date.
* Supervising the summer training for students of the Faculty of Pharmacy - Nahda University since the academic year 2017-2018 to date.
* Weekly office hours for scientific discussion and exchange of information with students from various academic teams - Faculty of Pharmacy - Nahda University since the academic year 2017-2018 to date.
* Preparing annual reports for the various courses in the Department of pharmacology and Toxicology - Faculty of Pharmacy - Nahda University, since the academic year 2017-2018 to date.
* Internal resident for various courses in the Department of pharmacology and Toxicology - Faculty of Pharmacy - Nahda University, since the academic year 2017-2018 to date.
* Participation in organizing an annual awareness day supervised by the Department of Drugs and Toxicology in the college about chronic diseases (diabetes - pressure - heart disease) and how to deal with them and avoid their risks.
* Participation as a lecturer in the scientific conference of the Scientific Society (EPSF) for students at the level of the Republic, which is held under the title “A Step on the Way” during the academic year 2019-2020.
* Participation as a lecturer in the initiative of Al-Hakim Pharmacies in Fayoum Governorate to raise public awareness of chronic diseases during the winter period, which was held inside the Cancer Institute in Fayoum Governorate on October 24, 2019.
* Participation as a lecturer in a workshop on first aid and how to deal with emergency situations, which was held at the Faculty of Computer Science - Al-Nahda University on 1-15-2023
* Organizing an awareness day under the title "The Importance of Active Substances Extracted from Natural Products for Patients with Chronic Diseases" Department of Drugs and Toxicology - Faculty of Pharmacy - Al-Nahda University during the academic year 2018-2019
* Organizing an awareness as a field visits of Schools and villages under the title "management of hypertension and diabetes" Department of Drugs and Toxicology - Faculty of Pharmacy - Al-Nahda University during the academic year 2023-2024.
* Participation as a lecturer in work shop of "How to prepare promotion file" - Faculty of Pharmacy - Nahda University during the academic year 2023-2024.

Kind regards

**Documents available on request**