



**Magdy Mahmoud Awny  
Mohamed**

**مجدى محمود عوني محمد**

*Lecturer of pharmacology and  
toxicology*

*Social status: Married*

*Date of birth: January 14<sup>th</sup>, 1983  
Assuit, Egypt.*

**Contacts & address**



**☎: +201144716406**

**ORCID 0000-0003-4017-1683**

**✉: magdyawny@o6u.edu.eg**

**ph\_magdy\_awny@hotmail.com**

**October  
city, Giza,  
Egypt**

<p><b><u>Education:</u></b></p>	<ul style="list-style-type: none"> <li>▪ Doctor of philosophy degree (PhD) in Pharmaceutical Sciences, pharmacology and toxicology department, Faculty of Pharmacy, Cairo University, Cairo, Egypt, 2015. Thesis titled as “study of the possible effects of mangiferin and angiotensin-II receptor blocker (ARB) in ischemia/reperfusion-induced gastric ulcer in rats: the involvement of a peroxisome proliferator activated receptor”.</li> <li>▪ Master’s degree of Pharmaceutical Sciences, pharmacology and toxicology department, Faculty of Pharmacy, Zagazig University, Sharqia, Egypt, 2011. Thesis titled as “Effect of thymoquinone on experimentally induced gastric ulcer in rats”.</li> <li>▪ Bachelor of Pharmaceutical Sciences, Faculty of Pharmacy, October 6 University, Giza, Egypt, class 2005, graded “Excellent with honor”.</li> </ul>
<p><b><u>Professional Experience</u></b></p> <p><b>Oct, 2015- Present</b></p> <p><b>2011-2015</b></p> <p><b>2005-2011</b></p>	<p>Lecturer of pharmacology and toxicology in the Faculty of Pharmacy, October 6 University (full time).</p> <p>Assistant lecturer of pharmacology and toxicology in the Faculty of Pharmacy, October 6 University.</p> <p>Demonstrator of pharmacology and toxicology in the Faculty of Pharmacy, October 6 University.</p>
<p><b><u>Academic Experience</u></b></p>	<p>Theoretical teaching and/or practical teaching the following courses for the undergraduates in the Faculty of Pharmacy, October 6 University:</p> <ul style="list-style-type: none"> <li>▪ Pharmacology 1, 2 &amp; 3.</li> <li>▪ Drugs and poison information.</li> <li>▪ Biological standardization and screening of drugs activities</li> <li>▪ Clinical pharmacology .</li> <li>▪ Clinical pharmacy</li> <li>▪ Toxicology</li> </ul>

**List of publications**

1. **Magdy MA**, Hanan el-A, Nabila el-M (2012): thymoquinone: Novel gastro-protective mechanisms. *Eur J Pharmacol.* 2012, 15; 126-131.
2. **Mahmoud-Awny M**, Attia AS, Abd-Ellah MF, El-Abhar HS (2015): Mangiferin Mitigates Gastric Ulcer in Ischemia/ Reperfused Rats: Involvement of PP AR- $\gamma$ , NF- $\kappa$ B and Nrf2/HO-1 Signaling Pathways. *PLoS One.* 21; 10 (7):e0132497. Doi: 10.1371.
3. Hagar M.El-Sadek., Muhammad Y.AL-Shorbagyb., **Magdy M. Awny.**, Dalaal M.Abdallah., Hanan S.El-Abhar (٢٠٢١). Pentoxifylline treatment alleviates kidney ischemia/reperfusion injury: Novel involvement of galectin-3 and ASK-1/JNK & ERK1/2/NF-kB/HMGB-1 trajectories. *Journal of Pharmacological Sciences.* 146 (3):136-148.
4. Elfouly, A., **Awny, M.**, Ibrahim, M. K., Aboelsaad, M., Tian, J., & Sayed, M. (2021). Effects of Long-Acting Testosterone Undecanoate on Behavioral Parameters and Na<sup>+</sup>, K<sup>+</sup>-ATPase mRNA Expression in Mice with Alzheimers Disease. *Neurochemical Research*, 46(9), 2238-2248.
5. **Awny, M. M.**, Al-Mokaddem, A. K., & Ali, B. M. (2021). Mangiferin mitigates di-(2-ethylhexyl) phthalate-induced testicular injury in rats by modulating oxidative stress-mediated signals, inflammatory cascades, apoptotic pathways, and steroidogenesis. *Archives of Biochemistry and Biophysics*, 711, 108982.
6. Mansour, S. M., Abd El-Aal, S. A., El-Abhar, H. S., Ahmed, K. A., & **Awny, M. M.** (2022). Repositioning of Ticagrelor: Renoprotection mediated by modulating renin-angiotensin system, inflammation, autophagy and galectin-3. *European Journal of Pharmacology*, 918, 174793.
7. Abu-Elfotuh, K., Hamdan, A. M. E., Abbas, A. N., Alahmre, A. T. S., Elewa, M. A., Masoud, R. A. E., Ali AA., Othman M., Kamal MM., Hassan FAM., Khalil MG., El-Sisi AM., Abdel Hady MMM., Abd-Elhaleim El Azazy MK., **Awny MM.**, & Wahid, A. (2022). Evaluating the neuroprotective activities of vinpocetine, punicalagin, niacin and vitamin E against behavioural and motor disabilities of manganese-induced Parkinson's disease in Sprague Dawley rats. *Biomedicine & Pharmacotherapy*, 153, 113330.
8. Abu-Elfotuh, K., Hamdan, A. M. E., Mohammed, A. A., Atwa, A. M., Kozman, M. R., Ibrahim, A. M., Motawea, S.M., Selim, H.M.R.M., Tohamy, S.T.K., El-Din, M.N., Zaghlool, S.S. Gowifel A. M. H. and **Awny, M. M.** (2022). Neuroprotective Effects of Some Nutraceuticals against Manganese-Induced Parkinson's Disease in Rats: Possible Modulatory Effects on TLR4/NLRP3/NF- $\kappa$ B, GSK-3 $\beta$ , Nrf2/HO-1, and Apoptotic Pathways. *Pharmaceuticals*, 15(12), 1554.
9. Zedan, Rahma S., **Magdy M. Awny**, Karema Abu-Elfotuh, and Azza A. Ali. (2023): "Sesamol protects against monosodium glutamate-induced attention-deficit/hyperactivity disorder (ADHD) in rats' Offsprings focused on regulating the GSK3- $\beta$ /Nrf2/NF-k $\beta$ /Bax/Bcl-2 signaling pathways." *Azhar International Journal of Pharmaceutical and Medical Sciences* (2023): 40-51.

<p><b><u>Thesis supervision</u></b></p>	<p><b>Supervising MSc thesis</b></p> <ul style="list-style-type: none"> <li>▪ Supervising MSc thesis entitled “Neuroprotective evaluation of hormonal replacement therapy and/or Na<sup>+</sup>, K<sup>+</sup> -ATPase acting agent on Alzheimer’s disease induced in rodent”. A Thesis studied by Asem Ragab El-Sayed El-Fouly, Faculty of Pharmacy, Cairo University.</li> <li>▪ Currently, supervising MSc thesis entitled “The possible protective effect of Morin and/or Sesamol on Attention Deficit Hyperactivity disorder (ADHD) in rat model”. A Thesis under study by Rahma said Zedan, Faculty of Pharmacy for girls, Al-Azhar University.</li> </ul> <p><b>Supervising PhD thesis</b></p> <ul style="list-style-type: none"> <li>▪ Participating in supervising the practical work, writing and revision of the research article derived from the PhD thesis of Hagar Mahmoud Abd- El Hameed El-Sadek. Her PhD thesis was entitled “Possible modulatory effect of certain drug in acute kidney injury induced by ischemia/reperfusion in rats”. This thesis was under the supervision of Prof. Dr. Hanan Salah El Din El-Abhar, Prof. Dr. Dalaal Mustafa Abdallah and Ass. Prof. Dr. Muhammad Youssif Al-Shorbagy. Faculty of Pharmacy, Cairo University.</li> </ul>
<p><b><u>Workshops</u></b></p>	<ul style="list-style-type: none"> <li>▪ Teaching methods held on March 2013, at the Faculty of Pharmacy, October 6 University.</li> <li>▪ Writing effective exam questions: Learning domains and construction of valid and reliable exams. Optimize your questions and write an effective exam, accredited by the Faculty of Pharmacy, October 6 University, held on April 16th, 2018.</li> <li>▪ How to benefit from exams’ results analysis, accredited by the Faculty of Pharmacy, October 6 University, held on 16/11/2020.</li> <li>▪ Scientific research based on scientific indicators to improve your personal ranking, held on 23/12/2020 &amp; 10/01/2021 at the Faculty of Pharmacy, October 6 University.</li> <li>▪ National Academic Reference Standards (NARS 2017), held on 02/06/2021 at the Faculty of Pharmacy, October 6 University.</li> <li>▪ Applications of molecular docking in drug design and development, held on 03/10/2021 at the Faculty of Pharmacy, October 6 University.</li> <li>▪ Microsoft Team as a good tool for interactive learning, held on 20/12/2021.at the Faculty of Pharmacy, October 6 University.</li> <li>▪ Precision oncology, held on 04/08/2022 at the Faculty of Pharmacy, October 6 University.</li> </ul>
<p><b><u>Training courses</u></b></p>	<ul style="list-style-type: none"> <li>▪ English phonics course, accredited by American International Academy for Language and Training (AIALT), held on 10-17/ 3/ 2012.</li> <li>▪ International Computer Driving License (ICDL), all modules, accredited by United Nations Educational, Scientific, and Cultural Organization and the Ministry of Communications and Information Technology, held by Computer Center Faculty of Pharmacy, Cairo University on 15/10/2014-12/11/2014.</li> <li>▪ Academic test of English as a foreign language, accredited by center for foreign languages and professional translation, Cairo university, held on 22/12/2014.</li> </ul>

	<ul style="list-style-type: none"> <li>▪ Development of the skills and abilities of the faculty members held on 30/03-3/04/2015 at the Faculty of Pharmacy, October 6 University and accredited by October 6 University and Helwan University.</li> <li>▪ Exams' systems and students' assessment methods, accredited by National Authority for Quality Assurance and Accreditation of Education (NAQAAE), held from 09/05/2016 to 10/05/2016.</li> <li>▪ Education programs and courses specifications and evaluation of learning outcomes for higher education institutes, accredited by National Authority for Quality Assurance and Accreditation of Education (NAQAAE), held from 27/09/2016 to 29/09/2016.</li> <li>▪ Self-Evaluation for higher education faculties and institutes, accredited by National Authority for Quality Assurance and Accreditation of Education (NAQAAE), held from 7/03/2017 to 9/03/2017.</li> <li>▪ Preparing of a university staff member, accredited by Training and Continuing Education Center, held from 14/12/2021 to 16/12/2021.</li> <li>▪ International publishing of scientific research, accredited by training and continuing education center (TCEC), October 6 university, held on 7/8/2022 and 10/8/2022.</li> <li>▪ Decision making and problem solving, accredited by training and continuing education center (TCEC), October 6 university, held on 8/8/2022 and 11/8/2022.</li> <li>▪ Fundamentals of Digital Transformation Certificate (FDTC), Modules: Mobile Applications, and web search accredited by Center of Knowledge and e-Services, Supreme Council of Universities, 15 August 2022.</li> <li>▪ Exams and students' evaluation systems, accredited by training and continuing education center (TCEC), October 6 university, held on 29/8/2022 and 1/9/2022.</li> <li>▪ Critical thinking, accredited by training and continuing education center (TCEC), October 6 university, held on 20/2/2023 and 22/2/2023.</li> <li>▪ Essential of integrated education, accredited by training, counseling and continuing education center (TCEC), October 6 university, held on 20/2/2023 and 22/2/2023.</li> </ul>
<p><u>Conferences</u></p>	<ul style="list-style-type: none"> <li>▪ Poster presentation title: "gastroprotective potential of thymoquinone in ischemia/reperfusion ligated rat stomach model: modulation of acid secretion/output, mucin content, NO and redox system": 2<sup>nd</sup> Scientific Conference of Faculty of Pharmacy, Cairo University, April 26<sup>th</sup>, 2010.</li> <li>▪ Participating by attendance in Ahrum Canadian university conference entitled "Saving the earth 2023" held on 20<sup>th</sup> March 2023</li> <li>▪ Poster presentation title: Mangiferin mitigates di-(2-ethylhexyl) phthalate-induced testicular injury in rats by modulating oxidative stress-mediated signals, inflammatory cascades, apoptotic pathways, and steroidogenesis (PL 2) In the 2nd International Conference of Pharmaceutical Sciences, "Future Perspectives on Drug Research and Sustainable Development" College of Pharmaceutical Sciences &amp; Drug Manufacturing, Must University, held on July 11th-12th, 2023, Egypt</li> </ul>

<p><b><u>Leadership experience and Activities</u></b></p>	<ul style="list-style-type: none"> <li>▪ Curriculum development of the theoretical and practical part of pharmacology 2, pharmacology 3 biological standardization of drugs and clinical pharmacology and drugs and poison information courses since 2015 in the Faculty of Pharmacy, October 6 University by integration of recently published research and review articles.</li> <li>▪ Participating in students' activities and projects in the Faculty of Pharmacy, October 6 University.</li> <li>▪ Member of chemicals and supplies committee in the Faculty of Pharmacy, October 6 University since 2021 to present.</li> <li>▪ Participating in the accreditation of the Faculty of Pharmacy, October 6 University by National Authority for Quality Assurance and Accreditation of Education (NAQAEE) in 2013 and the reaccreditation in 2018.</li> <li>▪ Participating in the internal auditing and reporting committee in the Faculty of Pharmacy, October 6 University.</li> <li>▪ Co-development of the college's strategic plan and its executive plan as well as the self-study of the Faculty of Pharmacy, October 6 University.</li> <li>▪ Updating the credit hour program of the Faculty of Pharmacy, October 6 University in accordance with the competency based National Academic Reference Standards (NARS 2017).</li> <li>▪ Co-development of the Pharm-D and Pharm-D clinical programs' specifications in the Faculty of Pharmacy, October 6 University in accordance with the competency based National Academic Reference Standards (NARS 2017).</li> <li>▪ Member of field training committee in the Faculty of Pharmacy, October 6 University (2016-2019).</li> <li>▪ Member in the workshop entitled "basic of cell culture and cytotoxicity assays" held by cell culture unit faculty of pharmacy, October 6 university, November, 2017.</li> <li>▪ Member in the workshop entitled "the first step to become a researcher" held by departments of pharmacology and biochemistry, faculty of pharmacy, October 6 university. March, 2017</li> <li>▪ Member of the standard of leadership and governance, on 2018</li> </ul>
<p><b><u>Reviewing activity</u></b></p>	<ul style="list-style-type: none"> <li>▪ Review activity for toxicology and applied pharmacology (2019). Structure-activity study of acute neurobehavioral effects of cyclohexane, benzene, m-xylene, and toluene in rats.</li> </ul>
<p><b><u>Skills</u></b></p>	<ul style="list-style-type: none"> <li>▪ <b><u>Managerial Skills</u></b> <ul style="list-style-type: none"> <li>• Time-management and organization, as evidenced by the ability to plan and implement efficient and effective modes of working.</li> <li>• The ability to operate within a quality management framework.</li> <li>• Team working and ethical attitude.</li> <li>• Communication skills.</li> </ul> </li> <li>▪ <b><u>Computer Skills</u></b> <ul style="list-style-type: none"> <li>• Using Microsoft Office efficiently (Including word processing, spreadsheet use and PowerPoint presentations).</li> <li>• Using Statistics programs efficiently including Instat, StatView and prism graph pad.</li> </ul> </li> <li>▪ <b><u>Languages</u></b> <ul style="list-style-type: none"> <li>•Arabic: Mother tongue.</li> <li>•English: Excellent command both spoken and written.</li> </ul> </li> </ul>