

Curriculum vitae

Mina Ibrahim Tadros, Ph.D.

- **Professor of Pharmaceutics and Industrial Pharmacy, Faculty of Pharmacy, Cairo University.**
- **Founding Dean, Faculty of Pharmacy and Drug Technology, Egyptian Chinese University.**
- Former Vice Dean for Community Service and Environment Development Affairs, Faculty of Pharmacy, Cairo University.
- Former acting-Vice Dean for Graduate Studies and Research Affairs, Faculty of Pharmacy, Cairo University.
- Former Director of Drug Manufacture Unit, Faculty of Pharmacy, Cairo University.



I. Personal Details

Affiliations: Faculty of Pharmacy, Cairo University.
Faculty of Pharmacy and Drug Technology, Egyptian Chinese University.

Nationality: Egyptian

Date of Birth: 23/12/1975

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& mtadros@ecu.edu.eg

II. Academic Degrees

1. B.Sc., Faculty of Pharmacy - Cairo University, May 1998.

Graduation degree: Excellent with honors.

2. M.Sc., Faculty of Pharmacy - Cairo University, 24 / 11 / 2002.

Thesis Title "A study of certain polymers as controlled release drug carrier systems".

Under the supervision of: Prof. Dr. Nagwa Hussein Foda
Prof. Dr. Hanan Mohamed El-Laithy

3. Ph.D., Faculty of Pharmacy - Cairo University, 9 / 5 / 2006.

Thesis Title "Optimization of certain inhaler formulations of an anti-asthmatic drug".

Under the supervision of: Prof. Dr. Ahmed Abd-Elbary Abd-Elrahman
Prof. Dr. Hanan Mohamed El-Laithy

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III. Career History

1. **Teaching Assistant**, Department of Pharmaceutics and Industrial Pharmacy, Faculty of Pharmacy, Cairo University, from 21/10/1998 till 04/01/2003.
2. **Assistant Lecturer**, Department of Pharmaceutics and Industrial Pharmacy, Faculty of Pharmacy, Cairo University, from 05/01/2003 till 03/06/2006.
3. **Lecturer**, Department of Pharmaceutics and Industrial Pharmacy, Faculty of Pharmacy, Cairo University, from 04/06/2006 till 27/03/2012.
4. **Associate Professor**, Department of Pharmaceutics and Industrial Pharmacy, Faculty of Pharmacy, Cairo University, from 28/03/2012 till 23/04/2017.
5. **Professor**, Department of Pharmaceutics and Industrial Pharmacy, Faculty of Pharmacy, Cairo University, from 24/04/2017 till now.
6. **Vice Dean for Community Service and Environment Development Affairs**, Faculty of Pharmacy, Cairo University, from 1/8/2017 till 31/7/2020.
7. **Conductor of the works of Graduate Studies and Research Affairs**, Faculty of Pharmacy, Cairo University, from 27/9/2018 till 21/6/2019.
8. **Acting-Vice Dean for Graduate Studies and Research Affairs**, Faculty of Pharmacy, Cairo University, from 22/6/2019 till 14/1/2020.
9. **Founding Dean**, Faculty of Pharmacy and Drug Technology, Egyptian Chinese University, from 1/9/2020 till now.

IV. Teaching Activities

1. Faculty of Pharmacy, Cairo University

➤ **Undergraduate courses,**

- *Community Pharmacy*, 4th year students, 2006/2007.
- *Industrial Pharmacy*, 4th year students, 2006/2007.
- *Pharmaceutical Technology I*, 5th year students, from 2007/2008 till 2009/2010.
- *Pharmaceutical Technology II*, 5th year students, from 2007 / 2008 till 2009/2010.
- *Industrial Pharmacy I* (112), 5th year students, from 2010/2011 till 2014/2015 (Book deposit registration # 2009/ 4974).
- *Industrial Pharmacy II* (113), 5th year students, from 2010/2011 till 2019/2020 (Book deposit registration # 2010/ 17096).
- *Controlled drug delivery systems* (PT 704), 4th level students from 2016/2017 till 2019/2020 (Book deposit registration # 2016/47720).

➤ **Postgraduate courses,**

- *Mechanical Utilities and Services* (2111), Diploma of Industrial Pharmacy (Compulsory) and Master of Industrial Pharmacy (Elective), from 2009/2010 till 2019/2020.
- *Validation, GMP, ISO and Quality Assurance* (2109), Diploma of quality control and quality assurance, from 2009/2010 till 2019/2020.

2. Faculty of Pharmacy, Misr International University (MIU); Part-Timer

➤ **Undergraduate courses,**

- *Hospital pharmacy* (PHP 421), 4th year students, 2006/2007.
- *Reaction Kinetics* (PHT 421), 4th year students, 2006/2007.
- *Pharmaceutics I* (PHP 213), 2nd year students, 2006/2007.

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- *Physical Pharmacy (PHT 212)*, 2nd year students, 2007/2008.

3. Faculty of Pharmaceutical Sciences & Pharmaceutical Manufacturing, Future University in Egypt (FUE); Part-Timer

➤ **Undergraduate courses,**

- *Orientation and History of Pharmacy (PHT 101)*, 1st year students, 2007/2008.
- *Pharmacy and Medical Terminology (PHL 102)*, 2nd year students, 2007/2008.
- *Introduction to Pharmaceutics (PHT 212)*, 2nd year students, from 2008/2009 - 2009/2010.
- *Pharmaceutics II (PHT 213)*, 3rd year students, from 2008 / 2009 till 2009/2010.
- *Pharmaceutics III (PHT 314)*, 3rd year students, from 2008 / 2009 till 2009/2010.
- *Industrial Pharmacy I (PHT 522)*, 5th year students, from 2010/2011 till 2015/2016.
- *Industrial Pharmacy II (PHT 523)*, 5th year students, from 2010/2011 till 2015/2016.
- *Quality control & quality assurance (PHT 531)*, 5th year students, from 2010/2011 till 2015/2016.

➤ **Postgraduate courses,**

- *Advanced Industrial Pharmacy (PHT 833)*, Master of Pharmaceutical Sciences (Pharmaceutics and Pharmaceutical Technology), 2016/2017 - 2017/2018.
- *Site-specific drug targeting (PHT 834)*, Master of Pharmaceutical Sciences (Pharmaceutics and Pharmaceutical Technology), 2016/2017 - 2017/2018.

4. Faculty of Pharmacy, October University for Modern Sciences and Arts (MSA); Part-Timer

➤ **Undergraduate courses,**

- *Industrial Pharmacy I (PT 411)*, 4th year students, 2014/2015.
- *Industrial Pharmacy II (PT 412)*, 4th year students, 2014/2015.

5. Faculty of Pharmacy and Drug Technology, Egyptian Chinese University (ECU), Full-Timer

➤ **Undergraduate courses,**

- *Profession Ethics (PU 101)*, 1st level students, 2020/2021, till 2022/2023.
- *Pharmacy Orientation (PT 101)*, 1st level students, 2020/2021, till now.
- *Physical Pharmacy (PT 202)*, 1st level students, 2020/2021, till now.
- *Pharmaceutical Technology I (PT 708)*, 4th level students, 2023/2024, till now.
- *Pharmaceutical Technology II (PT 809)*, 4th level students, 2023/2024, till now.

V. Research-related activities

1. Patents

- **Patent no. 23170**, September 25th, 2002, Awarded by the Academy of Scientific Research and Technology, Egyptian Patent office, Egypt.
Title: Foda NH, El-Laithy HM, Tadros MI. *A method for the production of biodegradable chitosan - gelatin sponges containing tramadol hydrochloride.*
- **Patent no. 24388**, April 4th, 2006, Awarded by the Academy of Scientific Research and Technology, Egyptian Patent office, Egypt.
Title: Elbary AA, El-Laithy HM, Tadros MI. *A method for the preparation of nebulizable micronized niosomes of cromolyn sodium using non-ionic surfactants.*

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2. Funded Research Projects

- **Road map towards manufacturing of active and inactive pharmaceutical ingredients in Egypt**, in collaboration with Drug Research Council, Funded by Academy of Scientific Research and Technology, 2017.
- **Formulation and production of a non alcoholic hand sanitizer according to the international standards**, Funded by Academy of Scientific Research and Technology, 2020.
- **Research on the Structural Modification of Natural Active Ingredients Targeting PD-1 for Triple-Negative Breast Cancer and the Targeted Delivery System**, in collaboration with Hunan University of Chinese medicine, China), Funded by Science and Technology Development Fund (STDF), 2024

3. Academic Theses

- **Supervising committee member** on 14 Master theses and 10 Ph.D. theses in pharmaceutical sciences. Of which, 11 master's degrees and 10 Ph.D. degrees were awarded by Faculty of Pharmacy, Cairo University, and 1 master's degree was awarded by Faculty of Pharmaceutical Sciences and Pharmaceutical Manufacturing, Future University in Egypt.
- **Committee-in-charge member** on 18 Master theses and 18 Ph.D. theses in pharmaceutical sciences. Of which, 14 master's degrees and 18 Ph.D. degrees were awarded by Faculty of Pharmacy, Cairo University, 2 master's degrees were awarded by Faculty of Pharmacy, Suez Canal University, and 2 master's degrees were awarded by Faculty of Pharmaceutical Sciences and Pharmaceutical Manufacturing, Future University in Egypt.

4. Publications

- Foda NH, El-laithy HM, Tadros MI. *Optimization of biodegradable sponges as controlled release drug matrices: I. effect of moisture level on chitosan sponge mechanical properties*. Drug Dev Ind Pharm. 2004; 30(4): 369-379.
- Foda NH, El-laithy HM, Tadros MI. *Implantable biodegradable sponges: effect of inter-polymer complex formation of chitosan with gelatin on the release behavior of tramadol hydrochloride*. Drug Dev Ind Pharm. 2007; 33(1): 7-17.
- Elbary AA, El-laithy HM, Tadros MI. *Promising ternary dry powder inhaler formulations of cromolyn Sodium: formulation and in vitro – in vivo evaluation*. Arch Pharm Res. 2007; 30 (6): 785 - 792.
- Bendas ER, Tadros MI. *Enhanced transdermal delivery of salbutamol sulfate via ethosomes*. AAPS PharmSciTech. 2007; 8 (4): E1-E8.
- Abdelbary GA, Tadros MI. *Design and in vitro/in vivo evaluation of novel nicorandil extended release matrix tablets based on hydrophilic interpolymer complexes and a hydrophobic waxy polymer*. Eur J Pharm Biopharm. 2008; 69 (3): 1018-1028.
- Abd-Elbary A, El-laithy HM, Tadros MI. *Sucrose stearate-based proniosome-derived niosomes for the nebulisable delivery of cromolyn sodium*. Int J Pharm. 2008; 357 (1-2): 189-198.

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- Tadros MI. *Controlled-release effervescent floating matrix tablets of ciprofloxacin hydrochloride: Development, optimization and in vitro-in vivo evaluation in healthy human volunteers*. Eur J Pharm Biopharm. 2010; 74(2): 332-339.
- Ghorab DM, Amin MM, Khowessah OM, Tadros MI. *Colon-targeted celecoxib-loaded Eudragit® S100-coated poly-ε-caprolactone microparticles: preparation, characterization and in vivo evaluation in rats*. Drug Del. 2011; 18(7): 523–535.
- Abd-Elbary A, Tadros MI, Alaa-Eldin AA. *Development and in vitro/in vivo evaluation of etodolac controlled porosity osmotic pump tablets*. AAPS PharmSciTech. 2011; 12(2): 485-495.
- ElMeshad AN, Tadros MI. *Transdermal delivery of an anti-cancer drug via w/o emulsions based on alkyl polyglycosides and lecithin: design, characterization and in vivo evaluation of the possible irritation potential in rats*. AAPS PharmSciTech. 2011; 12(1): 1-9.
- Tayel SA, El-Nabarawi MA, Tadros MI, Abd-Elsalam WH. *Promising ion-sensitive in situ ocular nanoemulsion gels of terbinafine hydrochloride: Design, in vitro characterization and in vivo estimation of the ocular irritation and drug pharmacokinetics in the aqueous humor of rabbits*. Int J Pharm. 2013; 443(1-2): 293 – 305.
- Abdelbary GA, Tadros MI. *Brain targeting of olanzapine via intranasal delivery of core-shell difunctional block copolymer mixed nanomicellar carriers: in-vitro characterization, ex-vivo estimation of nasal toxicity and in-vivo biodistribution studies*. Int J Pharm. 2013; 452(1-2): 300-10.
- Tayel SA, El-Nabarawi MA, Tadros MI, Abd-Elsalam WH. *Positively charged polymeric nanoparticle reservoirs of Terbinafine hydrochloride: Preclinical implications for controlled drug delivery in the aqueous humor of rabbits*. AAPS PharmSciTech. 2013;14(2): 782-93.
- Abd-Elbary A, Tadros MI, Alaa-Eldin AA. *Sucrose stearate-enriched lipid matrix tablets of etodolac: modulation of drug release, diffusional modeling and structure elucidation studies*. AAPS PharmSciTech. 2013; 14(2): 656-68.
- Tadros MI, Fahmy RH. *Controlled-release triple anti-inflammatory therapy based on novel gastroretentive sponges: Characterization and magnetic resonance imaging in healthy volunteers*. Int J Pharm. 2014; 472(1-2): 27-39.
- Tayel SA, El-Nabarawi MA, Tadros MI, Abd-Elsalam WH. *Duodenum-triggered delivery of pravastatin sodium via enteric surface-coated nanovesicular spanlastic dispersions: development, characterization and pharmacokinetic assessments*. Int J Pharm. 2015; 483(1-2): 77-88.
- Yehia SA, El-Ridi MS, Tadros MI, El-Sherif NG. *Enhancement of the oral bioavailability of fexofenadine hydrochloride via Cremophor EL-based liquisolid tablets*. Adv Pharm Bull 2015; 5(4): 569-581.
- Yehia SA, El-Ridi MS, Tadros MI, El-Sherif NG. *Phenylalanine-free taste-masked orodispersible tablets of fexofenadine hydrochloride: Development, in vitro evaluation and in vivo estimation of the drug pharmacokinetics in healthy human volunteers*. Pharm Dev Tech. 2015; 20(5): 528–539.

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- Abd-Elbary, A., Makky, A.M.A., Tadros, M.I., Alaa-Eldin, A.A. Development and in vitro evaluation of mucoadhesive bilayer buccal tablets of carvedilol. *Int J Pharm Pharm Sci.* 2015; 7(9): 172-176.
- Tadros MI, Al-mahallawi AM. *Long-circulating lipoprotein-mimic nanoparticles for smart intravenous delivery of a practically insoluble antineoplastic drug: Development, preliminary safety evaluations and preclinical pharmacokinetic studies.* *Int J Pharm.* 2015; 493(1-2): 439–450.
- Abd-Elbary A, Makky AM, Tadros MI, Alaa-Eldin AA. *Laminated sponges as challenging solid hydrophilic matrices for the buccal delivery of carvedilol microemulsion systems: Development and proof of concept via mucoadhesion and pharmacokinetic assessments in healthy human volunteers.* *Eur J Pharm Sci.* 2016; 82: 31-44.
- Tayel SA, El-Nabarawi MA, Tadros MI, Abd-Elsalam WH. *Duodenum-triggered delivery of pravastatin sodium: II. Design, appraisal and pharmacokinetic assessments of enteric surface-decorated nanocubosomal dispersions.* *Drug Deliv.* 2016; 23(9): 3266–3278.
- El-Gendy M, El-Assal M, Tadros MI, El-Gazayerly O. *Olmesartan medoxomil-loaded mixed micelles: Preparation, characterization and in-vitro evaluation.* *Fut J Pharm Sci.* 2017;3: 90-94.
- El-Assal M, El-Gendy M, El-Assal M, Tadros MI, El-Gazayerly O. *Olmesartan medoxomil-loaded self-nanoemulsifying drug delivery systems: Design, in-vitro characterization, and pharmacokinetic assessments in rabbits via LC-MS/MS.* *Int J Drug Del Technol.* 2017; 7(3): 210-219.
- Aboumanei MH, Abdelbary AA, Ibrahim IT, Tadros MI, El-Kolaly MT. *Design and development of microemulsion systems of a new antineoplaston A10 analog for enhanced intravenous antitumor activity: In vitro characterization, molecular docking, ¹²⁵I-radiolabeling and in vivo biodistribution studies.* *Int J Pharm.* 2018; 545(1-2): 240-253.
- Aboumanei MH, Abdelbary AA, Ibrahim IT, Tadros MI, El-Kolaly MT. *Improved Targeting and Tumor Retention of a Newly Synthesized Antineoplaston A10 Derivative by Intratumoral Administration: Molecular Docking, Technetium 99m Radiolabeling, and In Vivo Biodistribution Studies.* *Cancer Biother Radiopharm.* 2018; 33(6): 221-232.
- Ammar HO, Mohamed MI, Tadros MI, Fouly AA. *Transdermal delivery of Ondansetron hydrochloride via bilosomal systems: In-vitro, ex-vivo and in-vivo characterization studies.* *AAPS PharmSciTech.* 2018; 19(5), 2276-2287.
- Tawfik MA, Tadros MI, Mohamed MI. *Lipomers (lipid-polymer hybrid particles) of vardenafil hydrochloride: a promising dual platform for modifying the drug release rate and enhancing its oral bioavailability.* *AAPS PharmSciTech.* 2018; 19(8), 3650-3660.
- Tawfik MA, Tadros MI, Mohamed MI. *Polyamidoamine (PAMAM) dendrimers as potential release modulators and oral bioavailability enhancers of Vardenafil hydrochloride.* *Pharm Dev Tech.* 2019; 24(3), 293-302.
- Ghoneim AM, Tadros MI, Alaa-Eldin AA. *Spray-dried silica xerogel nanoparticles as a promising gastroretentive carrier system for the management of chemotherapy-induced nausea and vomiting.* *Int J Nanomedicine.* 2019; 14, 9619–9630.

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- Elsegaie D, Teaima M, Tadros MI, Louis D, El-Nabarawi MA. *Formulation and in-vitro characterization of self-nanoemulsifying drug delivery system (SNEDDS) for enhanced solubility of candesartan cilexetil*. Research J Pharm and Tech. 2019; 12(6): 2628-2636.
- Ammar HO, Tadros MI, Salama NM, Ghoneim AM. *Therapeutic strategies for erectile dysfunction with emphasis on recent approaches in nanomedicine*. IEEE T Nanobiosci. 2020; 19(1): 11-24.
- Elkady OA, Tadros MI, El-laithy HM. *QbD approach for novel crosslinker-free ionotropic gelation of risedronate sodium-chitosan nebulizable microspheres: Optimization and characterization*. AAPS PharmSciTech. 2020; 21(1): article 14, 1-18.
- Abd El-Aziz MF, Ismail S, Tadros MI, Elnabarawi MA. *Alfuzosin hydrochloride-loaded low-density gastroretentive sponges: development, in vitro characterization and gastroretentive monitoring in healthy volunteers via MRI*. Pharm Dev Technol. 2020; 25(5): 566-578.
- El-Maghawry E, Tadros MI, Elkheshen SA, Abd-Elbary A. *Eudragit® S100 coated PLGA nanoparticles for colon-targeting of etoricoxib: Optimization and pharmacokinetic assessments in healthy human volunteers*. Int J Nanomedicine. 2020; 15: 3965–3980.
- EL-Ghareb WI, Swidan MM, Ibrahim IT, Abd El-bary A, Tadros MI, Sakr TM. *^{99m}Tc-Doxorubicin-loaded gallic acid-gold nanoparticles (^{99m}Tc-DOX-loaded GA-Au NPs) as a multifunctional theranostic agent*. Int J Pharm. 2020; 586: 119514.
- Ammar HO, Tadros MI, Salama NM, Ghoneim AM. *Ethosome-derived invasomes as a potential transdermal delivery system for vardenafil hydrochloride: Development, optimization and application of physiologically based pharmacokinetic modeling in adults and geriatrics*. Int J Nanomedicine. 2020; 15, 5671-5685.
- Ammar HO, Mohamed MI, Tadros MI, Fouly AA. *High frequency ultrasound mediated transdermal delivery of ondansetron hydrochloride employing bilosomal gel systems: Ex-vivo and in-vivo characterization studies*. J Pharm Investig. 2020; 50(6), 613-624.
- Tawfik, M.A., Tadros, M.I., Mohamed, M.I., El-Helaly, S.N. *Low-frequency versus high-frequency ultrasound-mediated transdermal delivery of agomelatine-loaded invasomes: Development, optimization and in-vivo pharmacokinetic assessment*. Int J Nanomedicine. 2020; 15, 8893-8910.
- Rana M Gebreel RM, Edris NA, Elmoftly HM, Tadros MI, El-Nabarawi MA, Hassan DH. *Development and characterization of PLGA nanoparticle-laden hydrogels for sustained ocular delivery of norfloxacin in the treatment of Pseudomonas keratitis: An experimental study*. Drug Des Devel Ther. 2021; 15, 399–418
- Mabrouk AA, Tadros MI, El-Refaie WM. *Improving the efficacy of cyclooxygenase-2 inhibitors in the oral cancer management: Insights into the implementation of nanotechnology and mucoadhesion*. J Drug Deliv Sci Technol. 2021; 61, 102240.
- Elkady OA, Tadros MI, El-laithy HM. *Nebulization of risedronate sodium microspheres for potential attenuation of pulmonary emphysema: A promising new insight of alveolar macrophage apoptosis*. AAPS PharmSciTech. 2021; 22 (5): article 202, 1-11.
- Abd El-Aziz MF, Ismail S, Tadros MI, Elnabarawi MA. *Low density alfuzosin hydrochloride floating tablets: in vitro characterization and in vivo gastroretentive MRI tracking in healthy volunteers*. Pharm Sci Asia. 2021; 48(5), 433-450.

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- Tawfik MA, Tadros MI, Mohamed MI, El-Helaly SN. *Low-frequency sonophoresis as an active approach to potentiate the transdermal delivery of agomelatine-loaded novasomes: design, optimization, and pharmacokinetic profiling in rabbits*. AAPS PharmSciTech. 2021; 22 (8): article 261, 1-15.
- Ammar HO, Tadros MI, Salama NM, Ghoneim AM. *Development of vardenafil hydrochloride-loaded silica nanoparticles with enhanced transdermal delivery*. Journal of Research in Pharmacy. 2022, 26(3), 451–459.
- Mabrouk AA, El-Mezayen NS, Tadros MI, El-Gazayerly ON, El-Refaie WM. *Novel mucoadhesive celecoxib-loaded cubosomal sponges: Anticancer potential and regulation of myeloid-derived suppressor cells in oral squamous cell carcinoma*. Eur J Pharm Biopharm. 2023, 182: 62 – 80.
- Mabrouk AA, El-Mezayen NS, Awaad AK, Tadros MI, El-Gazayerly ON, El-Refaie WM. *Novel celecoxib-loaded chitosan-fucoidan nanoparticles as potential immunotherapy for oral squamous cell carcinoma: Mechanistic insights*. J Drug Deliv Sci Technol. 2023, 81: article 104228.
- Abdallah, M, Mohamed, AS, Tadros, MI, El-Nabarawi, M, Tawfik, MA. *Solusomes (novel soluplus enriched nanovesicular carriers) for improving the oral bioavailability of candesartan cilexetil*. Pharm Dev Tech. 2024, 29(1): 13 - 24.
- El-Helaly, SN, Hammoodi, HA, Tadros, MI, Elkasabgy, NA. *Brinzolamide-Loaded Etho-Leciplex for Effective Ocular Management of Glaucoma: D-Optimal Design Optimization and In-Vivo Evaluation*. Int J App Pharm. 2024, 16(5).

5. Journal Peer-reviewing

- Journal of Advanced Research, Elsevier
- International Journal of Pharmaceutics, Elsevier
- European Journal of Pharmaceutics and Biopharmaceutics, Elsevier
- European Journal of Pharmaceutical Sciences, Elsevier
- Biotechnology Advances, Elsevier
- International Journal of Biological Macromolecules, Elsevier
- Saudi Pharmaceutical Journal, Elsevier
- Bulletin of Faculty of Pharmacy, Cairo University, Elsevier
- Drug Delivery Science and Technology, Elsevier
- Journal of pharmaceutical sciences, Elsevier
- Annales Pharmaceutiques Françaises, Elsevier
- Expert Opinion on Drug Delivery, Informa Healthcare
- Drug Delivery, Informa Healthcare
- Drug Development and Industrial Pharmacy, Informa Healthcare
- Liposome Research, Informa Healthcare
- Pharmaceutical Development and Technology, Informa Healthcare
- Pharmaceutical Biology, Informa Healthcare
- Journal of Microencapsulation, Informa Healthcare
- Clinical Pharmacokinetics, Springer
- AAPS PharmSciTech, Springer
- Future Journal of Pharmaceutical Sciences, Springer
- Pharmacy and Pharmacology, Wiley
- Advances in Polymer Technology, Wiley
- International Journal of Nanomedicine, Dove Press

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- Biomacromolecules, ACS Publications
- Asian Journal of Pharmaceutics, Medknow
- International Journal of Pharmacokinetics, Future Science

6. Journal Editorial Boards

- Associate Editor, *Bulletin of Faculty of Pharmacy*, Cairo University; from 1/10/2016 till 21/6/2019.
- Deputy Editor, *Bulletin of Faculty of Pharmacy*, Cairo University; from 22/6/2019 till 14/1/2020.
- Editor, *Bulletin of Faculty of Pharmacy*, Cairo University; from 1/3/2020 till 31/7/2022.
- Editor, *Future Journal of Pharmaceutical Sciences*; from 1/1/2019 till now.
- Co-Editor-In-Chief, *Translational Health sciences*; from 1/9/2024.

7. Training / Exchange Programs

7.1. Participation / Organization of international exchange programs

- Participation in the Egyptian Chinese international cultural exchange program at Hebei University, China, June 26th – July 6th, 2024.
- Organization of the Egyptian Chinese international cultural exchange program at Egyptian Chinese University, Egypt, Aug 27th – Sep 5th, 2024.

7.2. Keynote speaker

7.2.1. In co-operation with the Egyptian Drug Holding company (Holdi-Pharma)

- **Cleaning validation**, Training center for Drug Sector at Memphis Company for pharmaceutical and chemical industries, Egypt.
1st wave, March 25th, 26th, 2015 & 2nd wave, April 18th - 19th, 2016.
- **Bioavailability and Bioequivalence**, Training center for Drug Sector at Memphis Co. for pharmaceutical and chemical industries, Egypt, April 15th - 16th, 2015.
- **Drug Manufacture**, Faculty of Pharmacy, Cairo University, Egypt.
1st wave, November 4th – December 30th, 2017 & 2nd wave, February 24th – April 21st, 2018.

7.2.2. In co-operation with Egyptian Pharmacists Syndicate

- **Drug Manufacture**, Faculty of Pharmacy, Cairo University, Egypt; February 10th – March 31st, 2018.

7.3. Participation as an attendee

- **Competing for research funds**, January 22nd – 24th, 2007, Faculty and leadership development center (FLDC), Cairo University, Egypt.
- **Planning a scientific curriculum**, January 29th – 31st, 2007, Faculty and leadership development center (FLDC), Cairo University, Egypt.
- **Preparation of scientific research**, February 5th – 7th, 2007, Faculty and leadership development center (FLDC), Cairo University, Egypt.
- **Effective presentation skills**, September 15th – 17th, 2008, Faculty and leadership development center (FLDC), Cairo University, Egypt.
- **E-learning**, July 27th – 29th, 2009, Faculty and leadership development center (FLDC), Cairo University, Egypt.

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- **University code of ethics**, February 22nd – 24th, 2010, Faculty and leadership development center (FLDC), Cairo University, Egypt.
- **Communication skills**, July 14th – 16th, 2012, Faculty and leadership development center (FLDC), Cairo University, Egypt.
- **Managing time and meetings**, December 8th – 10th, 2012, Faculty and leadership development center (FLDC), Cairo University, Egypt.
- **Conference organization**, August 28th – 29th, 2013, Faculty and leadership development center (FLDC), Cairo University, Egypt.
- **Exams and student evaluation systems**, September 9th – 10th, 2013, Faculty and leadership development center (FLDC), Cairo University, Egypt.
- **Credit hours system**, February 10th – 11th, 2014, Faculty and leadership development center (FLDC), Cairo University, Egypt.
- **Quality standards in Teaching**, July 5th – 6th, 2014, Faculty and leadership development center (FLDC), Cairo University, Egypt.
- **International publishing of scientific research**, September 5th – 6th, 2016, Faculty and leadership development center (FLDC), Cairo University, Egypt.
- **Quality assurance system in higher education institutions – Academic advising system**, September 27th, 2020, Training and Development center, Egyptian Chinese University (ECU), Egypt.
- **Credit hours system**, September 29th, 2020, Training and Development center, Egyptian Chinese University (ECU), Egypt.
- **Learning management system**, October 1st, 2020, Training and Development center, Egyptian Chinese University (ECU), Egypt.
- **Strategic planning for academic leaders**, November 3rd, 2020, Training and Development center, Egyptian Chinese University (ECU), Egypt.
- **Communication skills in different learning disciplines**, January 30th – 31st, 2021, Training and Development center, Egyptian Chinese University (ECU), Egypt.
- **High Performance Collaboration: Leadership, Teamwork, and Negotiation online program**, December 10th – 31st, 2021, Association of Arab Universities (Aspiring leaders program), in collaboration with Northwestern University, IL, USA.
- **Explore Chinese medicine (online)**, Hebei University of Chinese Medicine, China, Mar 1st – 19th, 2021.
- **Traditional Chinese Medicine (TCM) and Rehabilitation (online)**, Shandong University of Traditional Chinese Medicine, China, July 15 – 29th, 2022.

8. Workshops

8.1. Organizer

- **Stability and bioequivalence guidelines for the pharmaceutical products in the Egyptian market**, December 7th, 2013, Drug Manufacture Unit (DMU), Faculty of Pharmacy, Cairo University, Egypt.
- **Generic pharmaceutical products in the Egyptian market: registration requirements**, December 27th, 2014, Drug Manufacture Unit (DMU), Faculty of Pharmacy, Cairo University, Egypt.

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- **Towards successful pharmaceutical development of generic drug products: From the action letter to NODCAR approval**, December 26th, 2015, Drug Manufacture Unit (DMU), Faculty of Pharmacy, Cairo University, Egypt.
- **Proper selection and evaluation of API raw materials: Case studies on new HCV drugs**, May 21st, 2016, Drug Manufacture Unit (DMU), Faculty of Pharmacy, Cairo University, Egypt.
- **Development of pharmaceutical dosage forms via QbD: Concept and hands-on computer training**, December 17th, 2016, Drug Manufacture Unit (DMU), Faculty of Pharmacy, Cairo University, Egypt.
- **Targeting the quality of documentation of pharmaceutical products in the Egyptian market**, May 13th, 2017, Drug Manufacture Unit (DMU), Faculty of Pharmacy, Cairo University, Egypt.
- **Steps of drug manufacturing, and applications of artificial intelligence**, Feb 6th – 7th, 2024, in collaboration with Cairo pharmacists' syndicate, Egypt.
- **OTC medications**, July 14th – 15th, 2024, in collaboration with Cairo pharmacists' syndicate, Egypt.

8.2. Keynote speaker

- **Regulatory and technical aspects for a successful comparative in vitro dissolution study**, October 13th, 2015, Center of Applied Research and Advanced Studies (CARAS), Faculty of Pharmacy, Cairo University, Egypt.
- **Pharmacovigilance: steps on the path to ensuring the safety of pharmaceuticals**, May 5th – 8th, 2016, Arab Administrative Development Organization, The League of Arab States, Cairo, Egypt.
- **Cleaning validation: Case studies on various pharmaceutical products**, December 16th – 17th, 2017, Drug Manufacture Unit (DMU), Faculty of Pharmacy, Cairo University, Egypt.
- **Bioequivalence guidelines and bioanalytical method development and validation**, July 6th – 7th, 2021, Training and Development center, Egyptian Chinese University (ECU), Egypt.
- **Applications of nanotechnology in modern pharmacy**, July 14th – 15th, 2021, Training and Development center, Egyptian Chinese University (ECU), Egypt.
- **Bridging the gap between academia and practice**, October 15th, 2022, Faculty of Pharmacy, Cairo University (FOPCU), Egypt.

8.3. Attendee

- **New drug updates and adverse drug reactions reporting**, October 24th, 2006, Misr International University, Egypt.
- **Optimizing pharmaceutical care and future roles of pharmacists**, February 12th, 2007, Misr International University, Egypt.
- **Electronic learning concept**, December 30th, 2008, Faculty of Pharmacy, Cairo University, Egypt.

Curriculum vitae

- **Management of risks, crisis and evacuation plan**, April 15th, 2010, Faculty of Pharmacy, Cairo University, Egypt.
- **Quality by design (QbD): A new concept of FDA**, September 9th, 2012, Drug Manufacture Unit (DMU), Faculty of Pharmacy, Cairo University, Egypt.
- **Modern tablet manufacturing, QC/QA & bioavailability/bioequivalence**, February 20th-21st, 2013, Faculty of Pharmaceutical sciences and pharmaceutical manufacturing, Future University, Egypt.
- **Management of crises and disasters**, September 26th, 2013, Quality Assurance and Accreditation Center (QAAC), Cairo University, Egypt.
- **Control templates enrolled in ISO 9001: 2008 implementation**, November 26th, 2014, Performance appraisal and quality assurance unit (PAQU), Faculty of Pharmacy, Cairo University, Egypt.
- **Self-evaluation for higher educational institutes**, January 26th – 28th, 2015, National Authority for Quality Assurance and Accreditation of Education (NAQAAE).
- **Educational programs, courses specifications & evaluation of learning outcomes**, February 2nd – 4th, 2015, National Authority for Quality Assurance and Accreditation of Education (NAQAAE), Egypt.
- **External review for higher educational institutes**, February 9th – 11th, 2015, National Authority for Quality Assurance and Accreditation of Education (NAQAAE), Egypt.
- **Towards fast acceptance of your stability file: Regulations and technicalities**, May 6th, 2015, Center of Applied Research and Advanced Studies (CARAS), Faculty of Pharmacy, Cairo University, Egypt.
- **ICH-GMP: Q8, Q9 and Q10 implementation**, August 28th – 29th, 2016, Clin-Academy in collaboration with Central Administration of Pharmaceutical Affairs (CAPA), Cairo, Egypt.
- **Teaching, learning and assessment: Quality assurance in higher education**, March 28th – 29th, 2017, National Authority for Quality Assurance and Accreditation of Education (NAQAAE) in collaboration with Agence Universitaire de la Francophonie (AUF), Egypt.
- **National Academic Reference Standards (NARS) for pharmacy education – 2nd edition**, April 20th, 2017, National Authority for Quality Assurance and Accreditation of Education (NAQAAE), Egypt.
- **Application of pharmacy NARS: From content to competency-based curricula**, December 18th – 19th, 2017, National Authority for Quality Assurance and Accreditation of Education (NAQAAE) in collaboration with Agence Universitaire de la Francophonie (AUF), Egypt.
- **Introduction to the modern knowledge cycle: Promoting-research capabilities**, September 23rd, 2019, Elsevier Researcher Academy, Egypt.
- **Inter-professional education**, September 24th, 2021, children's cancer hospital (57357), Egypt.
- **Accelerate your science research and education through JoVE**, Egyptian Knowledge Bank, Oct 4th, 2022.

9. Scientific conferences

Curriculum vitae

9.1. Chairperson / keynote speaker

- **3rd International conference of pharmaceutical and drug industries division**, March 6th – 8th, 2007, National Research Center, Cairo, Egypt.

Speaker: *Transdermal delivery of salbutamol sulfate via ethosomes.*

- **3rd FUE International conference of pharmaceutical sciences**, February 9th - 11th, 2015, Cairo, Egypt.

Speaker: *Lipid-based nanosystems as potential drug carriers for lymph targeting.*

- **Al-Zaytoonah University of Jordan and the University of Toledo International Pharmaceutical Conference (ZTIPC 2015)**, October 21st - 23rd, 2015, Amman, Jordan.

Speaker: *Lipoprotein-mimic nanoparticles as promising intravenous carriers for chlorambucil.*

- **4th International conference of pharmaceutical sciences, Future University in Egypt**, Jan 31st – Feb 2nd, 2017, New Cairo, Egypt.

Speaker: *Recent updates on the Egyptian guidelines for the conductance of bioequivalence studies and the licensing of bioequivalence centers.*

- **Pharmaconex 2017 International conference on pharmaceutical technologies**, April 8th – 10th, 2017, Cairo International Convention Center, Egypt.

Speaker: *The conductance of bioequivalence studies and licensing of bioequivalence centers.*

- **8th International scientific conference of Faculty of Pharmacy, Cairo University**, April 22nd, 2017, Cairo, Egypt.

Speaker: *Biodegradable sponges: Fit for purpose drug carrier systems.*

- **Arab union of the manufacturers of pharmaceuticals and medical appliances (AUPAM) conference**, September 27th-28th, 2017, Cairo, Egypt.

Speaker: *Successful comparative in vitro dissolution studies.*

- **3rd Arab conference for food, drug and medical devices**, April 15th – 17th, 2018, Sharm El-Sheikh, Egypt.

Speaker: *Applications of nanotechnology in drug delivery.*

- **9th International scientific conference of Faculty of Pharmacy, Cairo University**, April 25th– 26th, 2018, Cairo, Egypt.

Speaker: *Bridging society, industry, market and Academia: Three initiatives.*

- **International conference of pharmaceutical sciences, Misr University for Science and Technology**, October 27th – 28th, 2018, Cairo, Egypt.

Speaker: *Biosimilarity and bioequivalence of pharmaceutical products.*

- **5th FUE International conference of pharmaceutical sciences**, Jan 28th – 30th, 2019, Cairo, Egypt.

Chairperson: *“Drug delivery systems session”.*

- **Al-Ahram Pharmaceutical Conference & Exhibition**, Nov. 16th – 17th, 2019, Cairo, Egypt.

Speaker: *“Nanotechnology and Drug Manufacture”.*

- **10th International scientific conference of Faculty of Pharmacy, Cairo University**, July 6th– 7th, 2021, Cairo, Egypt.

Chairperson: *“Pivotal role of pharmacist in the regulatory and health care system of COVID-19”.*

Curriculum vitae

- **9th Scientific Conference of University of Baghdad, College of Pharmacy**, held virtually on August 25 - 26, 2021.

Speaker: "Nanomedicine: science and applications".

- **7th International Conference of pharmaceutical & drug industries research institute, National Research Center, Mar 13th – 14th, 2023.**

Speaker: "Long-circulating lipoprotein-mimic nanoparticles for smart intravenous delivery of a practically insoluble antineoplastic drug".

- **8th Annual Arab International Pharmacy Conference (AIPC 2024), Arab Association for Pharmacy progress (AAPP), April 20th – 21st, 2024, Cairo, Egypt.**

Chairperson: "Inter-Professional Education and Inter-Professional Practice".

9.2. Poster presenter

- **FIP 65th Annual International Pharmaceutical Federation Conference**, September 2nd – 8th, 2005, Cairo, Egypt.

Elbary AA, El-laithy HM, Tadros MI. *Promising alternative carriers to lactose monohydrate for cromolyn sodium dry powder inhalation.*

- **1st International scientific conference of Faculty of Pharmacy, Cairo University**, March 29th, 2008, Cairo, Egypt.

Abdelbary GA, Tadros MI. *Design and in vitro/in vivo evaluation of novel nicorandil extended release matrix tablets based on hydrophilic interpolymer complexes and a hydrophobic waxy polymer.*

- **7th world meeting on pharmaceuticals, biopharmaceuticals and pharmaceutical technology**, March 8th – 11th, 2010, APV, Valetta, Malta.

Abd-Elbary A, Tadros MI, Alaa-Eldin AA. *Development of controlled porosity osmotic pump tablets of etodolac.*

- **13th AARU conference of the Pan Arab Colleges of Pharmacy**, May 25th – 27th, 2010, Misr University for Science and Technology, Cairo, Egypt.

Abd-Elbary A, Tadros MI, Alaa-Eldin AA. *Comparative pharmacokinetics of etodolac in healthy human volunteers following oral administration of engineered controlled porosity osmotic pump tablets and immediate release market capsules.*

- **12th European symposium on controlled drug delivery**, April 4th – 6th, 2012, University of Twente, Egmond Aan Zee, The Netherlands.

Tayel SA, El-Nabarawi MA, Tadros MI, Abd-Elsalam WH. *Ion-sensitive, in situ ocular nanoemulsion gels of terbinafine hydrochloride: Development and evaluation.*

- **3rd international scientific conference of Faculty of Pharmacy**, April 25th – 26th, 2012, Cairo University, Cairo, Egypt.

Abd-Elbary A, Tadros MI, Alaa-Eldin AA. *Preparation and in vitro/in vivo evaluation of etodolac lipid matrix tablets.*

- **AAPS annual meeting and exposition**, October 14th – 18th, 2012, Chicago, USA.

Tayel SA, El-Nabarawi MA, Tadros MI, Abd-Elsalam WH. *Development and in vitro/in vivo evaluation of positively charged ocular nanoparticles of an antifungal drug.*

Curriculum vitae

- **4th International scientific conference of Faculty of Pharmacy, Cairo University**, April 24th – 25th, 2013, Cairo, Egypt.
Mohamed MI, Tadros MI, Gebreel RM. *Formulation and in vitro evaluation of Tizanidine hydrochloride gastroretentive controlled release matrices.*
- **4th International symposium on biomedical applications of dendrimers (Biodendrimer 2014)**, June 18th – 20th, 2014, University of Applied sciences and arts of southern Switzerland, Lugano, Switzerland.
Tayel SA, El-Nabarawi MA, Tadros MI, Abd-Elsalam WA. *Eudragit® L100-55 coated dry cubosome powders: A novel carrier for potential lymphatic absorption of pravastatin sodium via oral administration.*
- **Advances in nanoparticulate carriers: Applications in diseases and infections**, October 19th - 21st, 2015, Institut Pasteur, Paris, France.
Abd-Elbary A, Makky AMA, Tadros MI, Alaa-Eldin AA. *Solidification of microemulsions via incorporation within core-in-cup mucoadhesive sponges: A promising system for the buccal delivery of carvedilol in healthy volunteers.*
- **XXXIII International conference of pharmaceutical sciences**, February 27th – 28th, 2016, Pharmaceutical society of Egypt, Cairo, Egypt.
Mohamed MI, Tadros MI, Gebreel RM. *Gastroretentive floating matrix tablets of tizanidine hydrochloride: Fabrication and in vitro characterization.*
- **7th International scientific conference of Faculty of Pharmacy, Cairo University**, April 16th – 17th, 2016, Cairo, Egypt.
Elgendy MA, El-Assal MI, Tadros MI, El-Gazayerly ON. *Formulation, optimization and in vitro characterization of olmesartan- loaded mixed micelles.*
- **4th International conference of pharmaceutical sciences, Future University in Egypt**, Jan 31st – Feb 2nd, 2017, New Cairo, Egypt.
 - Fouly AA, Tadros MI, Ibrahim M, Ammar HO. *Transdermal delivery of ondansetron HCl-loaded bilosomes: design and in vitro characterization.*
 - El-Maghawry E, Tadros MI, Elkheshen S, Abd-Elbary A. *Colon-targeted etoricoxib-loaded nanoparticles: Screening of the processing variables.*
- **8th International scientific conference of Faculty of Pharmacy, Cairo University**, April 22nd, 2017, Cairo, Egypt.
Tawfik MA, Tadros MI, Mohamed MI. *Formulation and in vitro evaluation of Vardenafil HCl nanostructured lipid carriers.*
- **3rd International congress of the Greek local chapter of the controlled release society**, June 19th – 20th, 2017, Athens, Greece.
El-Gendy M, El-Assal M, Tadros MI, El-Gazayerly O. *Development and pharmacokinetic assessments of olmesartan medoxomil-loaded self-nanoemulsifying drug delivery systems.*
- **UKICRS Symposium, Liverpool John Moores University**, June 3rd – 4th, 2019, Liverpool, England.
Fouly AA, Tadros MI, Ibrahim M, Ammar HO. *Transdermal delivery of ondansetron hydrochloride loaded bilosomal gel systems via high frequency sonophoresis.*

9.3. Attendee

Curriculum vitae

- **30th International Pharmaceutical Sciences Conference**, December 19th – 21st, 2006, Pharmaceutical Society of Egypt, Cairo, Egypt.
- **5th international conference of scientific research and its applications**, December 21st – 24th, 2009, Cairo University, Cairo, Egypt.
- **FUE international conference on pharmaceutical technologies**, February 6th – 9th, 2012, Cairo, Egypt.
- **FUE international conference on pharmaceutical sciences**, April 13th – 15th, 2013, Cairo, Egypt.
- **4th International conference of National Authority for Quality Assurance and Accreditation of Education (NAQAAE)**, April 23rd – 24th, 2017, Cairo, Egypt.
- **6th Annual Arab International Pharmacy congress (AIPC 2022)**, Arab Association for Pharmacy progress (AAPP), March 19 – 20, 2022, Cairo, Egypt.
- **Africa health ExCon**, Scientific Council of Egyptian Medical Association (SCEMA), June 5th – 7th, 2022, Cairo, Egypt.
- **7th Annual Arab International Pharmacy congress (AIPC 2023)**, Arab Association for Pharmacy progress (AAPP), March 6 – 7, 2023, Cairo, Egypt.
- **2nd international conference of the school of pharmacy, New Giza University (NGU)**, June 21st – 22nd, 2023.

VI. Community-related activities

1. Membership in scientific associations, committees and councils

- **The General Syndicate of Egyptian Pharmacists**; from 1998.
- **The American Association of Pharmaceutical Pharmacist (AAPS)**; from 2012.
- **The United Kingdom & Ireland Controlled Release Society (UKICRS)**; from 2017.
- **The scientific committee responsible for evaluation of bioavailability and bioequivalence studies**, Central Administration of Pharmaceutical Affairs (CAPA), from Feb 2015 till Jan 2022.
- **The scientific committee responsible for evaluation of the quality of documentation of finished pharmaceutical products**, Central Administration of Pharmaceutical Affairs (CAPA), from Oct 2015 till Jan 2022.
- **The scientific committee responsible for the registration of pharmaceutical products via CTD system**, Central Administration of Pharmaceutical Affairs (CAPA), Ministry of Health; from October 2017 till Jan 2022.
- **The scientific higher committee for medicines**, Cairo University Hospitals; from 6/9/2017 till 30/8/2020.
- **Head of the scientific committee for selection of the best offer for developing WE-CAN Pharmaceuticals plant** for anti-cancer medications; 2018.
- **The Arab Higher Board of Pharmacy Specialties**; Arab Pharmacists Union (APU), from 4/5/2019 till now.
- **The council of the graduate studies and research affairs**, National Organization for Drug Control and Research (NODCAR); from 4/12/2019 till Jan 2022.
- **The pharmaceutical Studies Sector Committee**, The supreme council of Universities; from 1/2/2024.
- **The Continuing Professional Development (CPD) committee**, The Egyptian Health Council (EHC); from 1/8/2024.

2. Consultancy and reviewing activities

- **Scientific consultant for the Minister of Higher Education and Scientific Research**, Selection of the best industrial scientific research in applied pharmaceutical sciences; 2017.
- **Scientific consultant, Center of Applied Research and Advanced Studies (CARAS)**, Faculty of Pharmacy, Cairo University; from 1/6/2012 till 31/12/2014.
- **Scientific consultant, Drug Compounding Laboratory (DCL)**, Cairo University Hospitals; from 1/2/2017 till 31/7/2017.
- **Scientific consultant, ATOS pharma, SEKEM group, 2007 – 2008.**
- **Reviewer, Scientific committee for promotion of Professors and Associate Professors (Specialty: Pharmaceutics)**, 13th (2019 – 2022) and 14th cycles (2022 – 2025), Supreme Council of Universities.
- **Reviewer, Scientific committee for promotion of Professors and Associate Professors (Specialty: Biological and Medical Sciences)**, 12th (2016 – 2019), 13th (2019 – 2022) and 14th (2022 – 2025) cycles, Egyptian Atomic Energy Authority.
- **Reviewer, Best academic thesis**, Helwan University, 2018.
- **Reviewer, Research proposals**, Cairo University, 2019 and 2022.

- **Reviewer, Higher educational institutes**, National Authority for Quality Assurance and Accreditation of Education (NAQAAE).
 - Member of the external reviewing team for the reaccreditation of the Faculty of Pharmacy, **Tanta University**, March 28th – 30th, 2016.
 - Member of the external reviewing team for the reaccreditation of the Faculty of Pharmacy, **Egyptian Russian University** on December 12th –14th, 2016.
 - Member of the external reviewing team for the accreditation of the Faculty of Pharmacy, **Delta University**, April 2nd – 4th, 2018.
 - Member of the external reviewing team for the accreditation of the Faculty of Pharmacy, **Heliopolis University for sustainable development**, February 26th – 28th, 2019.
 - Member of the external reviewing team for the reaccreditation of the Faculty of Pharmacy, **Helwan University**, March 28th – April 4th, 2021.
 - Member of the external reviewing team for the reaccreditation of the Faculty of Pharmacy, **Helwan University**, May 14th – May 15th, 2023.
 - Member of the external reviewing team for the reaccreditation of the Faculty of Pharmacy, **October 6 University**, May 12th – May 14th, 2024.

- **External course evaluator**,
 - Department of Pharmaceutics and Pharmaceutical Technology, Faculty of Pharmacy, **Future University (FUE)**.
 - Department of Pharmaceutics, Faculty of Pharmacy, **Ahram Canadian University (ACU)**.

Curriculum vitae

- Department of Pharmaceutics, Faculty of Pharmacy and Biotechnology, **German University in Cairo (GUC)**.
- Department of Industrial Pharmacy, College of Pharmaceutical sciences and drug manufacturing, **Misr University for Science and Technology (MUST)**.

VII. Administrative activities

- **Research organizer of the Pharmaceutics and Industrial Pharmacy department, Faculty of Pharmacy, Cairo University**; from 1/8/2009 till 31/7/2015. Participated in the setting of the department research plans (2009 – 2012 and 2012 – 2017) and the specifications of the new post-graduate programs.
- **Member, strategic plan, leadership and management committee**, Faculty of Pharmacy, Cairo University; from 1/11/2013 till 31/7/2020.
- **Member, higher committee for centers and units**, Faculty of Pharmacy, Cairo University; from 1/1/2014 till 31/7/2020.
- **Head, Purchase committee of chemicals and glassware**, Pharmaceutics and Industrial Pharmacy department, Faculty of Pharmacy, Cairo University; from 1/11/2012 till 31/7/2015.
- **Director, Drug Manufacture Unit (DMU)**, Faculty of Pharmacy, Cairo University; from 1/11/ 2013 till 31/7/2017.
- **Head, the higher committee for developing the dossier of Faculty of Pharmacy, Cairo University for Egypt government excellence award**, 2019, 1st rank on government faculties.
- **Head, Resource development committee**, Faculty of Pharmacy, Cairo University; from 19/12/2018 till 31/7/2020.
- **Vice president, Center of Applied Research and Advanced Studies (CARAS)**, Faculty of Pharmacy, Cairo University; from 11/10/2017 till 31/7/2020.
- **Vice president, Computer Center (CC)**, Faculty of Pharmacy, Cairo University; from 4/2/2018 till 31/7/2020.
- **Vice president, Biotechnology Center (BTC)**, Faculty of Pharmacy, Cairo University; from 3/8/2017 till 31/7/2020.
- **Rapporteur, Safety committee of the materials of the chemistry, pharmacognosy and microbiology departments**, Research Ethics Committee, Faculty of Pharmacy, Cairo University; from 1/10/2014 till 31/7/2020.
- **Rapporteur, Safety and occupational health committee**, Faculty of Pharmacy, Cairo University; from 1/10/2017 till 31/7/2020.
- **Rapporteur, Crises and disasters management committee**, Faculty of Pharmacy, Cairo University; from 1/10/2017 till 31/7/2020.
- **Rapporteur, The committees of graduate studies & research affairs, private cadre, cultural relationships, library and laboratories**, Faculty of Pharmacy, Cairo University; from 27/9/2018 till 14/1/2020.

VIII. Awards, achievements and certificates of appreciation

1. Awards and achievements

Curriculum vitae

- **Inclusion of the biography in “MARQUIS Who's Who in the world”,** from 2011 till now.
- **Nomination among the best 2% of worldwide scientists in 2021,** Stanford University, USA.
- **Nomination among the best 2% of worldwide scientists in 2023,** Stanford University, USA.
- **The best poster in Pharmaceutics,** 2nd international scientific conference of Faculty of Pharmacy, Cairo University, April 26th 2010, for the research article entitled; Dalia M. Ghorab, Maha M. Amin, Omneya M. Khowessah, Tadros MI. *Preparation and characterization of double-coated celecoxib microparticles.*
- **Supervision on the best master thesis in Pharmaceutics in 2012,** Faculty of Pharmacy, Cairo University; entitled: Wessam H. Abd-Elsalam. *A Pharmaceutical study on certain ocular formulations of an antifungal drug.*
- **The best international published paper in pharmaceutics in 2013,** Faculty of Pharmacy, Cairo University for the research article entitled; Abdelbary GA, Tadros MI. *Brain targeting of olanzapine via intranasal delivery of core-shell difunctional block copolymer mixed nanomicellar carriers: in-vitro characterization, ex-vivo estimation of nasal toxicity and in-vivo biodistribution studies. Int J Pharm. 2013; 452(1-2): 300-10.*
- **FUE's Professors award for outstanding teaching in 2014,** Future University, Egypt.
- **Supervision on the best Ph.D. thesis in Pharmaceutics in 2015,** Faculty of Pharmacy, Cairo University; entitled: Wessam H. Abd-Elsalam. *A Pharmaceutical study on improving the oral bioavailability of an anti-hyperlipidimic drug.*
- **Dr. Makram Mehany award for scientific creativity in life sciences,** in recognition of the merit in the treatment of cancer, **2017.**
- **The best international published paper in pharmaceutics in 2019,** Faculty of Pharmacy, Cairo University for the research article entitled; Ghoneim AM, Tadros MI, Alaa-Eldin AA. *Spray-dried silica xerogel nanoparticles as a promising gastroretentive carrier system for the management of chemotherapy-induced nausea and vomiting. Int J Nanomedicine. 2019; 14, 9619–9630.*
- **Faculty of Pharmacy, Cairo University's Honor shield,** for participating (as a vice dean) in the faculty achievements, Sept 2022.
- **Faculty of Pharmacy and Drug Technology, Egyptian Chinese University's Honor shield,** for participating (as a dean) in the faculty achievements, Sept 2022.

2. Certificates of Appreciation

- **Cairo University,** for the publication of international manuscripts; from 2010 till now.
- **Faculty of Pharmacy, Cairo University,** for the active participation in the organization of the following conferences:
 - **6th international scientific conference,** April 25th – 26th, 2015.
 - **7th international scientific conference,** April 16th – 17th, 2016.

Curriculum vitae

- **Cairo University hospitals**, in recognition of the development of Drug Compounding Laboratory (DCL), Cairo University Hospitals, 2017.
- **Drug Manufacture Unit (DMU), Faculty of Pharmacy, Cairo University**, for the active participation in the organization of the 2nd - 7th DMU workshops.
- **Association of Friends of the National Cancer-free Initiative (AFNCI)**, in recognition of organizing blood donation campaigns in the Egyptian Chinese University, 2021.
- **Faculty of Pharmacy, Ain Shams University**, for the honoring of the leading Egyptian pharmacists on the world pharmacists' day, September 25th, 2021.
- **Egyptian Drug Authority (EDA)**, in recognition of the endless support for ECU pharmacy students in antimicrobial resistance awareness video competition, 2023.