

Curriculum vitae

Mina Ibrahim Tadros, Ph.D.

Summary

- Professor of Pharmaceutics and Industrial Pharmacy, Faculty of Pharmacy, Cairo University (CU).
- Founding Dean, Faculty of Pharmacy and Drug Technology, Egyptian Chinese University (ECU).
- External reviewer on higher educational institutes, National Authority for Quality Assurance and Accreditation (NAQAAE).
- Member of the Higher Committee for Continuing Professional Development in Pharmacy, Egyptian Health Council (EHC).
- Member of the Higher Board of Pharmacy Specialties, Arab Pharmacists Union.
- Member of the African Healthcare and Drug Association (AHDA) Board.
- Listed among the best 2% of worldwide scientists, Stanford 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

Nationality: Egyptian

Date of Birth: 23/12/1975

Cellphone: +201223620458

Home Address: Heliopolis, Cairo, Egypt

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Scopus author profile page: **h-index: 25**

<https://www.scopus.com/authid/detail.uri?authorId=7005687708>

Google scholar page: **h-index: 28 i10-index: 41**

<https://scholar.google.com/citations?user=uNZcX1UAAAAJ&hl=en>

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² Faculty of Pharmacy and Drug Technology, Egyptian Chinese University.

E-mail: 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 Foda - Prof. Dr. Hanan El-Laithy

Curriculum vitae

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 - Prof. Dr. Hanan El-Laithy

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; Full-Timer

➤ Undergraduate courses,

- *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.

Curriculum vitae

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.
- *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, 2008/2009, and 2009/2010.
- *Pharmaceutics II (PHT 213)*, 3rd year students, 2008 / 2009, and 2009/2010.
- *Pharmaceutics III (PHT 314)*, 3rd year students, 2008 / 2009, and 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,

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

Curriculum vitae

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.*

2. Funded Research Projects / Proposals

- **Project: Road map towards manufacturing of active and inactive pharmaceutical ingredients in Egypt**, in collaboration with Egyptian Drug Research Council, Funded by Academy of Scientific Research and Technology, Egypt, 2017.
- **Project: Formulation and production of a non alcoholic hand sanitizer according to the international standards**, Funded by Academy of Scientific Research and Technology, Egypt, 2020.
- **Proposal: Biomass-derived carbon dots used as nano-carrier for drug loading and targeting glioblastoma**, in collaboration with Anhui University, China. Under the evaluation of: Science and Technology Development Fund (STDF), 8th Egypt – China call, 2025.
- **Proposal: Research on the development of Goji-based food for combating male reproductive aging in belt and road countries, in collaboration with Ningxia Medical University, China.** Under the evaluation of: The department of Science and Technology of Ningxia Hui Autonomous Region in China, 2025.
- **Proposal: Systemic research and product development of five types of the belt and road characteristic traditional medicine resources for the prevention and treatment of cardiovascular diseases and other chronic diseases, in collaboration with Chinese Academy of Chinese Medical Sciences.** Under the evaluation of: The key special project of the National key R&D program in China, 2025.

3. Academic Theses

- **Supervising Committee member** on 16 master's theses and 12 Ph.D. theses in pharmaceutical sciences. Of which, 14 Master's degrees and 12 Ph.D. degrees were awarded by Cairo University, 1 Master's degree was awarded by Future University in Egypt, and 1 Master's degree was awarded by German University in Cairo.
- **Committee-in-Charge member** on 25 master's theses and 24 Ph.D. theses in pharmaceutical sciences. Of which, 19 Master's degrees, and 22 Ph.D. degrees were awarded by Cairo University, 2 Ph.D. degrees were awarded by Suez Canal University, 3 Master's degrees were awarded by Suez Canal University, 2 Master's degrees were

Curriculum vitae

awarded by Future University in Egypt, and 1 Master's degree was awarded by Zewail City University of Science and Technology.

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.
- 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*

Curriculum vitae

- 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.
 - 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. *Olmесartan 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. *Olmесartan 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,*

Curriculum vitae

- 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.
 - 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.

Curriculum vitae

- 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, Elmofty 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-Iaithy 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.
- Tawfik MA, Tadros MI, Mohamed MI, El-Helaly SN. *Low-frequency sonophoresis as an active approach to potentiate the transdermal delivery of agomelatine-loaded invasomes: 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-leciple for effective ocular management of glaucoma: d-optimal design optimization and in-vivo evaluation.* Int J App Pharm. 2024, 16(5).
- Weixia Qin, Junjie Cui, Usama, Yan Li, Rui Liu, Zhaohua Miao, Zhengbao Zha, Lei Jiang, Ming Cao, Tadros, MI, Antonio Claudio Tedesco, Zijian Li, Hong Bi. *Lysosomal-targeting and light/ultrasound-sensitive carbon dots for combined photodynamic and sonodynamic therapies of breast tumor.* Adv. Healthcare Mater. 2025, 14(28): e02873.

Curriculum vitae

- Zifei Ge; Haimei Zhu; Weixia Qin; Yuan Li; Khurram Abbas; Tadros MI, Hong Bi. *Exploring photodynamic anti-fungal efficacy and mechanism of red-emissive carbon dots*. J. Biosaf. Biosecur. (under review).
- Merna Zoweil, Dina Aboushady, AS Kamel; Tadros MI; Samar Mansour. *Deformable Resveratrol-loaded PEG-Liposomes Coated with Hyaluronic Acid: A Synergistic Strategy to Reverse Oxidative Skin Aging*. J. Drug Deliv. Sci. Technol. (under review).
- Aljaberi, ASO, El-Helaly SN, Tadros MI, Elkasabgy NA. Fabrication of lyophilized bilosomes for enhancing the oral antiviral activity of Tenofovir alafenamide fumarate; Statistical design, and pharmacokinetic evaluation. Adv. Pharm. Bull. (under review).
- Aljaberi, ASO, El-Helaly SN, Tadros MI, Elkasabgy NA. Utilization of lyophilized leciplex for augmenting the oral delivery of tenofovir alafenamide fumarate; statistical design, and pharmacokinetic evaluation. J. Pharm. Innov. (under review).

5. Journal Peer-reviewing

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|---|--------------------|
| ➤ 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 |
| ➤ 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.

Curriculum vitae

- 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 15/1/2020 till 31/7/2022.
- Editor, ***Future Journal of Pharmaceutical Sciences, Future University in Egypt***; from 1/1/2019.
- Editor-In-Chief, ***Translational Health Sciences, Egyptian Chinese University***; from 1/9/2024.

7. International Exchange and/or Training Programs

7.1. International Exchange Programs

- Egyptian - Chinese international students' cultural exchange program at Hebei University, China, June 26th – July 6th, 2024.
- Egyptian - Chinese international students' cultural exchange program at Egyptian Chinese University, Egypt, Aug 27th – Sep 5th, 2024.
- Egyptian - Chinese international students' clinical pharmacy program at Wenzhou Medical University, China, Aug 3rd – Aug 17th, 2025.
- Egyptian - Chinese international students' cultural exchange program at Hunan University of Chinese Medicine, China, June xx – July xx, 2026 (Dates to be confirmed).
- Egyptian - Chinese international students' cultural exchange program at Hunan University of Chinese Medicine, China, Aug xx – Aug xx, 2026. (Dates to be confirmed).

7.2. International Training Programs

- **Keynote Speaker: Nanocarriers as a smart drug delivery system for tumor targeting**, April 2nd, 2025, Hunan University of Chinese Medicine, Hunan, China.
- **Organizer: ECU - Hunan University of Chinese Medicine Scientific day**, June 18th, 2025, Cairo, Egypt.
- **Organizer: ECU - Harbin University of Commerce scientific day**, June 29th, 2025, Cairo, Egypt.

8. Training Programs

8.1. Keynote speaker

8.1.1. In co-operation with the Egyptian Drug Holding Company (Holdi-Pharma)

- **Cleaning validation**, Training center for the 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.

8.1.2. In co-operation with Egyptian Pharmacists Syndicate

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

Curriculum vitae

8.2. Participant

- **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.
- **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 – 31th, 2021, Association of Arab Universities (Aspiring leaders online 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.

9. Workshops

9.1. 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.
- **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.

9.2. 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.

9.3. Participant

- **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.
- **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.

Curriculum vitae

- **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.

10. Scientific conferences

10.1. President:

- **ECU – CRACM Joint International Pharmacy Conference (JIPC 2026)**.
The 1st joint international pharmacy conference between the Egyptian Chinese University (ECU) and the Chinese Association for the Advancement of Chinese Medicine (CRACM).

10.2. Chairperson/ Panelist

- **5th FUE International Conference of Pharmaceutical Sciences**, Jan 28th – 30th, 2019, Cairo, Egypt.
Chairperson: “*Drug delivery systems*” session.
- **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*” session.
- **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*” session.
- **12th International Scientific Conference of Faculty of Pharmacy, Cairo University, May 6th– 7th, 2025, Cairo, Egypt.**
Chairperson: “*Recent Trends in Pharmaceutical Research*” session.
- **9th Annual Arab International Pharmacy Conference (AIPC 2025), Arab Association for Pharmacy Progress (AAPP), May 10th – 11th, 2025, Cairo, Egypt.**
Panelist: “*The Internship Year, the Professional Practice Exam, and the Renewal of the Professional Practice License*” session.
- **Africa Health ExCon, June 24th – 28th, 2025, Cairo, Egypt.**
Panelist: “*From Academia to Practice: Bridging the Gap to Impactful Excellence*” session.
- **Pharmacy: The Next Era, September 25th – 26th, 2025, Princess Fatma Academy, Cairo, Egypt.**
Panelist: “*CPD for Pharmacy graduates*” session.
- **ECU – CRACM Joint International Pharmacy Conference (JIPC 2026).**
Chairperson: “*Evidence-based western medicine vs traditional Chinese Medicine*” session.

10.3. keynote Speaker

- **3rd International Conference of Pharmaceutical and Drug Industries Division**, March 6th – 8th, 2007, National Research Center, Cairo, Egypt.
Talk title: *Transdermal delivery of salbutamol sulfate via ethosomes.*
- **3rd FUE International Conference of Pharmaceutical Sciences**, February 9th - 11th, 2015, Cairo, Egypt.
Talk title: *Lipid-based nanosystems as potential drug carriers for lymph targeting.*
- **Al-Zaytoonah - Toledo International Pharmaceutical Conference (ZTIPC 2015)**, October 21st - 23rd, 2015, Amman, Jordan.
Talk title: *Lipoprotein-mimic nanoparticles as promising intravenous carriers for chlorambucil.*
- **4th International Conference of Pharmaceutical Sciences, Future University in Egypt**, January 31st – February 2nd, 2017, New Cairo, Egypt.
Talk title: *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.
Talk title: *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.
Talk title: *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.
Talk title: *Successful comparative in vitro dissolution studies.*
- **3rd Arab Conference for Food, Drug and Medical Devices**, April 15th – 17th, 2018, Sharm El-Sheikh, Egypt.
Talk title: *Applications of nanotechnology in drug delivery.*
- **9th International Scientific Conference of Faculty of Pharmacy, Cairo University**, April 25th– 26th, 2018, Cairo, Egypt.
Talk title: *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.
Talk title: *Biosimilarity and bioequivalence of pharmaceutical products.*
- **Al-Ahram Pharmaceutical Conference and Exhibition**, November 16th – 17th, 2019, Cairo, Egypt.
Talk title: *Nanotechnology and Drug Manufacture.*
- **9th Scientific Conference of the University of Baghdad, College of Pharmacy**, held virtually on August 25th – 26th, 2021.
Talk title: *Nanomedicine: science and applications.*
- **7th International Conference of Pharmaceutical & Drug Industries Research Institute, National Research Center**, March 13th – 14th, 2023.
Talk title: *Long-circulating lipoprotein-mimic nanoparticles for smart intravenous delivery of a practically insoluble antineoplastic drug.*

Curriculum vitae

- **8th Hunan International Conference for Innovation and Development of Biomedicine and Chinese Medicine, Oct 23rd – 27th 2025, China.**
Talk title: *Nanocarriers as a smart drug delivery system for tumor targeting.*
- **BGO 2025: The annual congress of the National Cancer Institute, November 5th – 7th, 2025**
Talk title: *Nanomedicine for Tumor Targeting.*

10.4. 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 Pharmaceutics, Biopharmaceutics 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.*
- **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.

Curriculum vitae

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.*

10.5. Participant

- **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.

Curriculum vitae

- **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 for Evaluation of Bioavailability and Bioequivalence Studies**, Central Administration of Pharmaceutical Affairs (CAPA), from Feb 2015 till Jan 2022.
- **The Scientific Committee 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 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 Higher Scientific Committee for Medicines in 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 medicines; 2018.
- **The Higher Arab Board of Pharmacy Specialties**, Arab Pharmacists Union (APU), from 4/5/2019.
- **The Graduate Studies and Research Affairs Council**, 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 1/1/2024 till 31/12/2024.
- **The Continuing Professional Development (CPD) committee**, The Egyptian Health Council (EHC); from 1/8/2024.

Curriculum vitae

2. Consultancy and reviewing activities

- **Scientific Consultant for the Minister of Higher Education and Scientific Research**, Selection of the best industrial scientific research in 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) - 15th cycles (2025 – 2028), 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, from 2019.
- **Reviewer on 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 – 15th, 2023.
 - Member of the external reviewing team for the reaccreditation of the Faculty of Pharmacy, **October 6 University**, May 12th -14th, 2024.
 - Member of the external reviewing team for the reaccreditation of the Faculty of Pharmacy, **Minia University**, December 14th – 16th, 2025.
- **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)**.
 - 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)**.

Curriculum vitae

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.
- **Member, strategic plan, leadership and management committee**, Faculty of Pharmacy, Cairo University; from 1/11/2013 till 31/7/2020.
- **Member, the 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 the Faculty of Pharmacy, Cairo University** for application to the Egyptian Government Excellence Award, 2019
 - ➔ **The faculty got the 1st rank** among the governmental 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**, Faculty of Pharmacy, Cairo University, from 1/10/2014 till 31/7/2017.
- **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

- **Inclusion of the biography in “MARQUIS Who's Who in the world”**, from 2011.
- **Nomination among the best 2% of worldwide scientists in 2021, 2023, and 2025**, Stanford University, USA.
- **The best poster in Pharmaceutics at 2nd international scientific conference of Faculty of Pharmacy, Cairo University**, April 26th 2010, for the research article entitled;

Curriculum vitae

Dalia M. Ghorab, Maha M. Amin, Omneya M. Khowessah, Tadros MI. *Preparation and characterization of double-coated celecoxib microparticles.*

- **Supervisor of the best Master's thesis in Pharmaceutics in 2012**, Faculty of Pharmacy, Cairo University; entitled:
Wessam H. Abd-Elsalam. *A Pharmaceutical study on certain ocular formulations .*
- **The best internationally 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.*
- **Future University Professor's award for outstanding teaching in 2014**, Egypt.
- **Supervisor of 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-hyperlipidemic drug.*
- **Dr. Makram Mehany Award for Scientific Creativity in Life Sciences**, in recognition of the merit in the treatment of cancer, **2018**.
- **The best internationally published paper in pharmaceutics in 2019** at 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's achievements, Sept 2022.
- **Student's Union of Faculty of Pharmacy and Drug Technology, Egyptian Chinese University's Honor shield**, for continuing achievements and support, May 2025.

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:
 - **6th international scientific conference**, April 25th – 26th, 2015.
 - **7th international scientific conference**, April 16th – 17th, 2016.
- **Cairo University Hospitals**, in recognition of the development of the Drug Compounding Laboratory (DCL), Cairo University Hospitals, 2017.
- **Drug Manufacture Unit (DMU), Faculty of Pharmacy, Cairo University**, for the organization of DMU workshops.
- **Association of Friends of the National Cancer-Free Initiative (AFNCI)**, in recognition of organizing blood donation campaigns at the Egyptian Chinese University.
- **Faculty of Pharmacy, Ain Shams University**, for the honoring of the leading Egyptian pharmacists on World Pharmacists' Day, September 25th, 2021.
- **Egyptian Drug Authority (EDA)**, in recognition of the endless support for ECU pharmacy students in the antimicrobial resistance awareness competitions in 2023, 2024, and 2025.