

Curriculum vitae

Mina Ibrahim Tadros, Ph.D.

- **Professor of Pharmaceutics and Industrial Pharmacy, Faculty of Pharmacy, Cairo University.**
- **Founder and 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.



1. Personal Details

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

Nationality: Egyptian

Cairo University scholar page:
<http://scholar.cu.edu.eg/mit>

ORCID:
<http://orcid.org/0000-0001-7092-8603>

Scopus author profile page: **h-index: 20**
<https://www2.scopus.com/authid/detail.uri?authorId=7005687708>

Google scholar page: **h-index: 21 i10-index: 31**
<https://scholar.google.com/citations?user=uNZcX1UAAAAJ&hl=en>

E-mails:
mtadros@ecu.edu.eg
& mina.tadros@pharma.cu.edu.eg
& mina.tadros@cu.edu.eg

2. 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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3. 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. **Conducting 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. **Founder and Dean**, Faculty of Pharmacy and Drug Technology, Egyptian Chinese University, from 1/9/2020 till now.

4. Teaching Activities

4.1. Faculty of Pharmacy, Cairo University

- **Participation in delivery of 7 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).
- **Participation in delivery of 2 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.

4.2. Faculty of Pharmacy, Misr International University (MIU)

- **Participation in the delivery of 4 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.

4.3. Faculty of Pharmaceutical Sciences & Pharmaceutical Manufacturing, Future University in Egypt (FUE)

- **Participation in the delivery of 8 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 and quality assurance (PHT 531)*, 5th year students, from 2010 / 2011 till 2015/2016.
- **Participation in the delivery of 2 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.

4.4. Faculty of Pharmacy, October University for Modern Sciences and Arts (MSA)

- **Participation in the delivery of 2 undergraduate courses,**
- *Industrial Pharmacy I (PT 411)*, 4th year students, 2014 / 2015.
- *Industrial Pharmacy II (PT 412)*, 4th year students, 2014 / 2015.

4.5. Faculty of Pharmacy and Drug Technology, Egyptian Chinese University (ECU)

- **Participation in the delivery of 3 undergraduate courses,**
- *Pharmacy Orientation (PT 101)*, 1st level students, 2020 / 2021, till now.
- *Profession Ethics (PU 101)*, 1st level students, 2020 / 2021, till now.
- *Physical Pharmacy (PT202)*, 1st level students, 2020 / 2021, till now.

5. Research-related activities

5.1. 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.*

5.2. Research Projects

- **Road map towards manufacturing of active and inactive pharmaceutical ingredients in Egypt**, in collaboration with Drug Research Council, Academy of Scientific Research and Technology, 2017.
- **Formulation and production of a non alcoholic hand sanitizer according to the international standards**, Academy of Scientific Research and Technology, 2020.

5.3. Academic Theses

- **A supervising committee member** on 11 Master theses and 10 Ph.D. theses in pharmaceutical sciences. Of which, 9 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.
- **A committee-in-charge member** on 16 Master theses and 18 Ph.D. theses in pharmaceutical sciences. Of which, 13 master's degrees and 18 Ph.D. degrees were awarded by Faculty of Pharmacy, Cairo University, 1 master degree was awarded by Faculty of Pharmacy, Suez Canal University and 2 master's degree were awarded by Faculty of Pharmaceutical Sciences and Pharmaceutical Manufacturing, Future University in Egypt.

5.4. Training Programs

5.4.1. Participation as a keynote speaker

5.4.1.1. In co-operation with HoldiPharma

- **Cleaning validation**, Training center for Drug Sector at Memphis Company for pharmaceutical and chemical industries.
 - 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, 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.
 - 3rd wave, November 4th – December 30th, 2017.

5.4.1.2. In co-operation with Egyptian Pharmacists Syndicate

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

5.4.2. 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.

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- **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.
- **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.
- Hebai University of Chinese Medicine
- **Traditional Chinese Medicine (TCM) and Rehabilitation online program**, Shandong University of Traditional Chinese Medicine, July 15 – 29th, 2022.

5.5. Workshops

5.5.1. Participation as an 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.

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- **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.

5.5.2. Participation as a keynote speaker / moderator

- **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) celebration for world pharmacist day.

5.5.3. Participation as an 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.
- **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.

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- **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.
- **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.
- **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.

5.6. Scientific conferences

5.6.1. Participation as a chairperson / 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.*
- **The 3rd Arab conference for food, drug and medical device**, 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.

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

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

Speaker: “Nanomedicine: science and applications”.

5.6.2. Participation as a 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, 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.

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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 2019, 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.*

5.6.3. Participation as an attendee

- **XXX 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.

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- **4th International conference of National Authority for Quality Assurance and Accreditation of Education (NAQAAE)**, April 23rd – 24th, 2017, Cairo, Egypt.
- **The sixth 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.

5.7. Journal Peer-reviewing

- International Journal of Nanomedicine, **Dove Press**
- International Journal of Pharmaceutics, **Elsevier**
- European Journal of Pharmaceutics and Biopharmaceutics, **Elsevier**
- Biotechnology Advances, **Elsevier**
- International Journal of Biological Macromolecules, **Elsevier**
- Saudi Pharmaceutical Journal, **Elsevier**
- Journal of Advanced Research, **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**
- Biomacromolecules, **ACS Publications**
- Asian Journal of Pharmaceutics, **Medknow**
- International Journal of Pharmacokinetics, **Future Science**

5.8. 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.

5.9. 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.
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6. Community-related activities

6.1. 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.

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- **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.

6.2. Consultancy and external 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 (a member of 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.

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- Member of the external reviewing team for the accreditation of the Faculty of Pharmacy, **Heliopolis University**, 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.
- **External course evaluator**,
 - Department of Pharmaceutics and Pharmaceutical Technology, Faculty of Pharmacy, **Future University**.
 - Department of Pharmaceutics, Faculty of Pharmacy, **Ahram Canadian University**.
 - Department of Pharmaceutics, Faculty of Pharmacy and Biotechnology, **German University in Cairo**.
 - Department of Industrial Pharmacy, College of Pharmaceutical sciences and drug manufacturing, **Misr University for Science and Technology**.

7. Administrative activities

- **Research organizer**, 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.
- **Head, 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 that was applied to Egypt government excellence award (sector: government faculties)**, 2019, 1st rank.
- **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.

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- **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.

8. Awards, achievements and certificates of appreciation

8.1. Awards and achievements

- **Inclusion of the biography in “MARQUIS Who'sWho in the world”**, from 2011 till now.
- **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-hyperlipidemic 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.
- **Nomination among the best 2% of worldwide scientists in 2021**, Stanford University, USA.
- **Faculty of Pharmacy, Cairo University's crystal shield**, for participating (as a vice dean) in the faculty achievements, Sept 2022.
- **Faculty of Pharmacy and Drug Technology, Egyptian Chinese University's crystal shield**, for participating (as a dean) in the faculty achievements, Sept 2022.

8.2. 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** entitled “*2020 vision of Pharmacy in Egypt*” on April 25th – 26th, 2015.
 - **7th international scientific conference of Faculty of Pharmacy, Cairo University** entitled “*Translational research in pharmacy: From bench to market*” on April 16th – 17th, 2016.
- **Cairo University hospitals**, for the development of Drug Compounding Laboratory (DCL), 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)**, for organizing blood donation campaigns in the Egyptian Chinese University, 2021.
- **Faculty of Pharmacy, Ain Shams University**, for honoring leading pharmacists on the world pharmacists' day, September 25th, 2021.