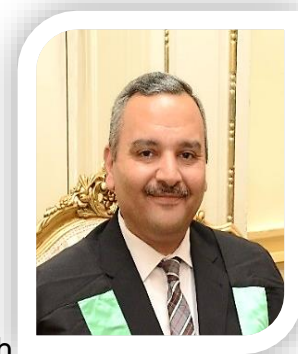


Curriculum vitae

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:

<https://www2.scopus.com/authid/detail.uri?authorId=7005687708>

h-index: 18 Total citations: 1156

Google scholar page:

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

h-index: 19 i10-index: 26 Total citations: 1586

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

Curriculum vitae

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 the 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 2009/2010 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 the 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 till 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 in Pharmaceutics and Pharmaceutical Technology, 2016/2017 - 2017/2018.
- *Site-specific drug targeting (PHT 834)*, Master of Pharmaceutical Sciences in 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.
- *Profession Ethics (PU 101)*, 1st level students, 2020 / 2021.
- *Physical Pharmacy (PT202)*, 1st level students, 2020 / 2021.

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.*

Curriculum vitae

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 14 Master theses and 18 Ph.D. theses in pharmaceutical sciences. Of which, 12 master's degrees and 18 Ph.D. degrees were awarded by Faculty of Pharmacy, Cairo 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 edition, March 25th, 26th and 29th, 2015
 - 2nd edition, April 18th - 19th, 2016.
- **Bioavailability and Bioequivalence**, Training center for Drug Sector at Memphis Co. for pharmaceutical and chemical industries.
 - on April 15th - 16th, 2015.
- **Drug Manufacture**, Faculty of Pharmacy, Cairo University, Egypt.
 - 1st edition, November 4th – December 30th, 2017.
 - 2nd edition, February 24th – April 21st, 2018.
 - 3rd edition, 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.
- **Chinese bridge delegation online course to explore Chinese medicine**, March 1st – 19th, 2021, Hebei University of Chinese medicine, China
- **High Performance Collaboration: Leadership, Teamwork, and Negotiation online course**, December 10th – 31st, 2021, Northwestern University, IL, USA, Through Aspiring leaders program arranged by Association of Arab Universities (AARU) for the upskilling of leaders at AARU Universities.

5.5. Workshops

5.5.1. Participation as an organizing committee member

- **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

- **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 & The registration 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 – 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.

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.**

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.

Curriculum vitae

- 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.
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 interpolymers 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.
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.

Curriculum vitae

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

5.7. Journal Peer-reviewing

A peer reviewer for the following journals;

- 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 now.
- **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.

Curriculum vitae

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

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- Mabrouk A.A., Tadros, M.I., El-Refaie WM. *Improving the efficacy of cyclooxygenase-2 inhibitors in the oral cancer management: Insights into the implementation of nanotechnology and mucoadhesion*. **J Drug Deliv Sci Technol.** **2021**; 61, 102240.
- Elkady OA, Tadros MI, El-laithy HM. *Nebulization of risedronate sodium microspheres for potential attenuation of pulmonary emphysema: A promising new insight of alveolar macrophage apoptosis*. **AAPS PharmSciTech.** **2021**; 22 (5): article 202, 1-11.
- Abd El-Aziz MF, Ismail S, Tadros MI, Elnabarawi MA. *Low density alfuzosin hydrochloride floating tablets: in vitro characterization and in vivo gastroretentive MRI tracking in healthy volunteers*. **Pharm. Sci. Asia.** **2021**; 48(5), 433-450.
- Tawfik, M.A., Tadros, M.I., Mohamed, M.I., El-Helaly, S.N. *Low-frequency sonophoresis as an active approach to potentiate the transdermal delivery of agomelatine-loaded novasomes: design, optimization, and pharmacokinetic profiling in rabbits*. **AAPS PharmSciTech.** **2021**; 22 (8): article 261, 1-15.
- Ammar, H.O., Tadros, M.I., Salama, N.M., Ghoneim, A.M. *Development of vardenafil hydrochloride-loaded silica nanoparticles with enhanced transdermal delivery*. **Journal of Research in Pharmacy,** **2022**, 26(3), 451–459.

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.
- **The scientific committee for evaluation of bioavailability and bioequivalence studies**, Central Administration of Pharmaceutical Affairs (CAPA), Ministry of Health; from February 2015.
- **The scientific committee for evaluation of the quality of documentation of finished pharmaceutical products**, Central Administration of Pharmaceutical Affairs (CAPA), Ministry of Health; from October 2015.
- **The scientific committee for the registration of pharmaceutical products via CTD system**, Central Administration of Pharmaceutical Affairs (CAPA), Ministry of Health; from October 2017.
- **The higher scientific committee for medicines**, Cairo University Hospitals; from 6/9/2017 till 31/7/2019.
- **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.
- **The council of the graduate studies and research affairs**, National Organization for Drug Control and Research (NODCAR); from 4/12/2019.

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.

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- **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.
- **Reviewer, Scientific committee for promotion of Professors and Associate Professors (Specialty: Pharmaceutics)**, 13th cycle (2019 – 2022), Supreme Council of Universities.
- **Reviewer, Scientific committee for promotion of Professors and Associate Professors (Specialty: Biological and Medical Sciences)**, 12th (2016 – 2019) and 13th (2019 – 2022) cycles, Egyptian Atomic Energy Authority.
- **Reviewer, Best academic thesis**, Helwan University, 2018.
- **Reviewer, Research proposals**, Cairo University, 2019.
- **Reviewer, Research proposals**, National Science Centre, Poland, 2021, entitled "3D printing as a tool to obtain transdermal microneedle systems with improved efficiency in the treatment of depressive disorders".
- **Reviewer, Higher educational institutes**, National Authority for Quality Assurance and Accreditation of Education (NAQAAE).
 - Member of the external reviewing team for the reaccreditation of the Faculty of Pharmacy, **Tanta University**, March 28th – 30th, 2016.
 - Member of the external reviewing team for the reaccreditation of the Faculty of Pharmacy, **Egyptian – Russian University** on December 12th –14th, 2016.
 - Member of the external reviewing team for the accreditation of the Faculty of Pharmacy, **Delta University**, April 2nd – 4th, 2018.
 - Member of the external reviewing team for the accreditation of the Faculty of Pharmacy, **Heliopolis University**, 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.
- **Reviewer, Monitoring and assessment of new programs**, Project Management Unit, Ministry of Higher Education, Egypt.
 - Member of the external reviewing team for the monitoring and assessment of the clinical pharmacy program of the Faculty of Pharmacy, **Helwan University**, 2021.
 - Member of the external reviewing team for the monitoring and assessment of the clinical pharmacy program of the Faculty of Pharmacy, **Beni Suef University**, 2021.
- **External course evaluator**,
 - Department of Pharmaceutics and Pharmaceutical Technology, Faculty of Pharmacy, Future University (FUE).
 - Department of Pharmaceutics, Faculty of Pharmacy, Ahran 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 & Technology (MUST).

7. Administrative activities

Curriculum vitae

- **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, The 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, The 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 supreme committee for developing the dossier of Faculty of Pharmacy, Cairo University for application 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.
- **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 and certificates of appreciation

8.1. Awards

- **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 Ml. *Preparation and characterization of double-coated celecoxib microparticles*.
- **Supervision on the best master thesis in Pharmaceutics in 2012**, Faculty of Pharmacy, Cairo University; entitled:

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Wessam H. Abd-Elsalam. *A Pharmaceutical study on certain ocular formulations of an antifungal drug.*

- **The best international published paper in pharmaceuticals 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 Pharmaceuticals 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 pharmaceuticals 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.
- **Identified among the top 2% of scientists around the world**, as published in Stanford University world ranking of scientist's database, October 2021.

8.2. Certificates of Appreciation

- **Cairo University**, for the publication of international manuscripts; from 2010.
- **Faculty of Pharmacy, Cairo University**, for the active participation and 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 and organization of the 2nd - 7th workshops.
- **Faculty of Pharmacy, Ain Shams University**, for honoring leading pharmacists on the world pharmacists' day, September 25th, 2021.