

# Curriculum vitae

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## Mina Ibrahim Tadros, Ph.D.

- Professor of Pharmaceutics & 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 Conductor of the works of 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

Date of Birth:

Home Address:

Home Tel.

Mobile Tel.

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

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

Scopus author profile page: **h-index: 18 Total citations: 1270**  
<https://www2.scopus.com/authid/detail.uri?authorId=7005687708>

Google scholar page: **h-index: 21 i10-index: 31 Total citations: 1732**  
<https://scholar.google.com/citations?user=uNZcX1UAAAAJ&hl=en>

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### 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*, 4<sup>th</sup> year students, 2006 / 2007.
- *Industrial Pharmacy*, 4<sup>th</sup> year students, 2006 / 2007.
- *Pharmaceutical Technology I*, 5<sup>th</sup> year students, from 2007 / 2008 till 2009 / 2010.
- *Pharmaceutical Technology II*, 5<sup>th</sup> year students, from 2007 / 2008 till 2009 / 2010.
- *Industrial Pharmacy I* (112), 5<sup>th</sup> year students, from 2010/2011 till 2014/2015 (Book deposit registration # 2009/ 4974).
- *Industrial Pharmacy II* (113), 5<sup>th</sup> year students, from 2010/2011 till 2019/2020 (Book deposit registration # 2010/ 17096).
- *Controlled drug delivery systems* (PT 704), 4<sup>th</sup> 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)*, 4<sup>th</sup> year students, 2006 / 2007.
- *Reaction Kinetics (PHT 421)*, 4<sup>th</sup> year students, 2006 / 2007.
- *Pharmaceutics I (PHP 213)*, 2<sup>nd</sup> year students, 2006 / 2007.
- *Physical Pharmacy (PHT 212)*, 2<sup>nd</sup> 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)*, 1<sup>st</sup> year students, 2007 / 2008.
- *Pharmacy and Medical Terminology (PHL 102)*, 2<sup>nd</sup> year students, 2007 / 2008.
- *Introduction to Pharmaceutics (PHT 212)*, 2<sup>nd</sup> year students, from 2008 / 2009 - 2009 / 2010.
- *Pharmaceutics II (PHT 213)*, 3<sup>rd</sup> year students, from 2008 / 2009 till 2009 / 2010.
- *Pharmaceutics III (PHT 314)*, 3<sup>rd</sup> year students, from 2008 / 2009 till 2009 / 2010.
- *Industrial Pharmacy I (PHT 522)*, 5<sup>th</sup> year students, from 2010 / 2011 till 2015/2016.
- *Industrial Pharmacy II (PHT 523)*, 5<sup>th</sup> year students, from 2010 / 2011 till 2015/2016.
- *Quality control and quality assurance (PHT 531)*, 5<sup>th</sup> 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)*, 4<sup>th</sup> year students, 2014 / 2015.
- *Industrial Pharmacy II (PT 412)*, 4<sup>th</sup> 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)*, 1<sup>st</sup> level students, 2020 / 2021, till now.
- *Profession Ethics (PU 101)*, 1<sup>st</sup> level students, 2020 / 2021, till now.
- *Physical Pharmacy (PT202)*, 1<sup>st</sup> level students, 2020 / 2021, till now.

## 5. Research-related activities

### 5.1. Patents

- **Patent no. 23170**, September 25<sup>th</sup>, 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 4<sup>th</sup>, 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 degrees and 10 Ph.D. degrees were awarded by Faculty of Pharmacy, Cairo University and 1 master 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 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 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.
  - 1<sup>st</sup> wave, March 25<sup>th</sup>, 26<sup>th</sup>, 2015
  - 2<sup>nd</sup> wave, April 18<sup>th</sup> - 19<sup>th</sup>, 2016.
- **Bioavailability and Bioequivalence**, Training center for Drug Sector at Memphis Co. for pharmaceutical and chemical industries, April 15<sup>th</sup> - 16<sup>th</sup>, 2015.
- **Drug Manufacture**, Faculty of Pharmacy, Cairo University, Egypt.
  - 1<sup>st</sup> wave, November 4<sup>th</sup> – December 30<sup>th</sup>, 2017.
  - 2<sup>nd</sup> wave, February 24<sup>th</sup> – April 21<sup>st</sup>, 2018.
  - 3<sup>rd</sup> wave, November 4<sup>th</sup> – December 30<sup>th</sup>, 2017.

#### 5.4.1.2. In co-operation with Egyptian Pharmacists Syndicate

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

### 5.4.2. Participation as an attendee

- **Competing for research funds**, January 22<sup>nd</sup> – 24<sup>th</sup>, 2007, Faculty and leadership development center (FLDC), Cairo University, Egypt.
- **Planning a scientific curriculum**, January 29<sup>th</sup> – 31<sup>st</sup>, 2007, Faculty and leadership development center (FLDC), Cairo University, Egypt.

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- **Preparation of scientific research**, February 5<sup>th</sup> – 7<sup>th</sup>, 2007, Faculty and leadership development center (FLDC), Cairo University, Egypt.
- **Effective presentation skills**, September 15<sup>th</sup> – 17<sup>th</sup>, 2008, Faculty and leadership development center (FLDC), Cairo University, Egypt.
- **E-learning**, July 27<sup>th</sup> – 29<sup>th</sup>, 2009, Faculty and leadership development center (FLDC), Cairo University, Egypt.
- **University code of ethics**, February 22<sup>nd</sup> – 24<sup>th</sup>, 2010, Faculty and leadership development center (FLDC), Cairo University, Egypt.
- **Communication skills**, July 14<sup>th</sup> – 16<sup>th</sup>, 2012, Faculty and leadership development center (FLDC), Cairo University, Egypt.
- **Managing time and meetings**, December 8<sup>th</sup> – 10<sup>th</sup>, 2012, Faculty and leadership development center (FLDC), Cairo University, Egypt.
- **Conference organization**, August 28<sup>th</sup> – 29<sup>th</sup>, 2013, Faculty and leadership development center (FLDC), Cairo University, Egypt.
- **Exams and student evaluation systems**, September 9<sup>th</sup> – 10<sup>th</sup>, 2013, Faculty and leadership development center (FLDC), Cairo University, Egypt.
- **Credit hours system**, February 10<sup>th</sup> – 11<sup>th</sup>, 2014, Faculty and leadership development center (FLDC), Cairo University, Egypt.
- **Quality standards in Teaching**, July 5<sup>th</sup> – 6<sup>th</sup>, 2014, Faculty and leadership development center (FLDC), Cairo University, Egypt.
- **International publishing of scientific research**, September 5<sup>th</sup> – 6<sup>th</sup>, 2016, Faculty and leadership development center (FLDC), Cairo University, Egypt.
- **Chinese bridge delegation online program to explore Chinese medicine**, March 1<sup>st</sup> – 19<sup>th</sup>, 2021, Hebei University of Chinese medicine, China
- **High Performance Collaboration: Leadership, Teamwork, and Negotiation online program**, December 10<sup>th</sup> – 31<sup>st</sup>, 2021, Northwestern University, IL, USA, Through Aspiring leaders program arranged by Association of Arab Universities (AARU) for the upskilling of leaders at AARU Universities.
- **Traditional Chinese Medicine (TCM) and Rehabilitation online program**, July 15 – 29<sup>th</sup>, 2022, Shandong University of Traditional Chinese Medicine, China.

## 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 7<sup>th</sup>, 2013, Drug Manufacture Unit (DMU), Faculty of Pharmacy, Cairo University, Egypt.
- **Generic pharmaceutical products in the Egyptian market: registration requirements**, December 27<sup>th</sup>, 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 26<sup>th</sup>, 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 21<sup>st</sup>, 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 17<sup>th</sup>, 2016, Drug Manufacture Unit (DMU), Faculty of Pharmacy, Cairo University, Egypt.
- **Targeting the quality of documentation of pharmaceutical products in the Egyptian market**, May 13<sup>th</sup>, 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 13<sup>th</sup>, 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 5<sup>th</sup> – 8<sup>th</sup>, 2016, Arab Administrative Development Organization, The League of Arab States, Cairo, Egypt.
- **Cleaning validation: Case studies on various pharmaceutical products**, December 16<sup>th</sup> – 17<sup>th</sup>, 2017, Drug Manufacture Unit (DMU), Faculty of Pharmacy, Cairo University, Egypt.
- **Bioequivalence guidelines and bioanalytical method development and validation, July 6<sup>th</sup> – 7<sup>th</sup>, 2021**, Training and Development center, Egyptian Chinese University (ECU), Egypt.
- **Applications of nanotechnology in modern pharmacy**, July 14<sup>th</sup> – 15<sup>th</sup>, 2021, Training and Development center, Egyptian Chinese University (ECU), Egypt.
- **Bridging the gap between academia and practice**, October 15<sup>th</sup>, 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 24<sup>th</sup>, 2006, Misr International University, Egypt.
- **Optimizing pharmaceutical care and future roles of pharmacists**, February 12<sup>th</sup>, 2007, Misr International University, Egypt.
- **Electronic learning concept**, December 30<sup>th</sup>, 2008, Faculty of Pharmacy, Cairo University, Egypt.
- **Management of risks, crisis and evacuation plan**, April 15<sup>th</sup>, 2010, Faculty of Pharmacy, Cairo University, Egypt.
- **Quality by design (QbD): A new concept of FDA**, September 9<sup>th</sup>, 2012, Drug Manufacture Unit (DMU), Faculty of Pharmacy, Cairo University, Egypt.
- **Modern tablet manufacturing, QC/QA & bioavailability/bioequivalence**, February 20<sup>th</sup>-21<sup>st</sup>, 2013, Faculty of Pharmaceutical sciences and pharmaceutical manufacturing, Future University, Egypt.
- **Management of crises and disasters**, September 26<sup>th</sup>, 2013, Quality Assurance and Accreditation Center (QAAC), Cairo University, Egypt.

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- **Control templates enrolled in ISO 9001: 2008 implementation**, November 26<sup>th</sup>, 2014, Performance appraisal and quality assurance unit (PAQU), Faculty of Pharmacy, Cairo University, Egypt.
- **Self-evaluation for higher educational institutes**, January 26<sup>th</sup> – 28<sup>th</sup>, 2015, National Authority for Quality Assurance and Accreditation of Education (NAQAAE).
- **Educational programs, courses specifications & evaluation of learning outcomes**, February 2<sup>nd</sup> – 4<sup>th</sup>, 2015, National Authority for Quality Assurance and Accreditation of Education (NAQAAE), Egypt.
- **External review for higher educational institutes**, February 9<sup>th</sup> – 11<sup>th</sup>, 2015, National Authority for Quality Assurance and Accreditation of Education (NAQAAE), Egypt.
- **Towards fast acceptance of your stability file: Regulations and technicalities**, May 6<sup>th</sup>, 2015, Center of Applied Research and Advanced Studies (CARAS), Faculty of Pharmacy, Cairo University, Egypt.
- **ICH-GMP: Q8, Q9 and Q10 implementation**, August 28<sup>th</sup> – 29<sup>th</sup>, 2016, Clin-Academy in collaboration with Central Administration of Pharmaceutical Affairs (CAPA), Cairo, Egypt.
- **Teaching, learning and assessment: Quality assurance in higher education**, March 28<sup>th</sup> – 29<sup>th</sup>, 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 – 2<sup>nd</sup> edition**, April 20<sup>th</sup>, 2017, National Authority for Quality Assurance and Accreditation of Education (NAQAAE), Egypt.
- **Application of pharmacy NARS: From content to competency-based curricula**, December 18<sup>th</sup> – 19<sup>th</sup>, 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 23<sup>rd</sup>, 2019, Elsevier Researcher Academy, Egypt.
- **Quality assurance system in higher education institutions – Academic advising system**, September 27<sup>th</sup>, 2020, Training and Development center, Egyptian Chinese University (ECU), Egypt.
- **Credit hours system**, September 29<sup>th</sup>, 2020, Training and Development center, Egyptian Chinese University (ECU), Egypt.
- **Learning management system**, October 1<sup>st</sup>, 2020, Training and Development center, Egyptian Chinese University (ECU), Egypt.
- **Strategic planning for academic leaders**, November 3<sup>rd</sup>, 2020, Training and Development center, Egyptian Chinese University (ECU), Egypt.
- **Communication skills in different learning disciplines**, January 30<sup>th</sup> – 31<sup>st</sup>, 2021, Training and Development center, Egyptian Chinese University (ECU), Egypt.
- **Inter-professional education**, September 24<sup>th</sup>, 2021, children's cancer hospital (57357), Egypt.
- **Accelerate your science research and education through JoVE**, Egyptian Knowledge Bank, Oct 4<sup>th</sup>, 2022.

## 5.6. Scientific conferences

### 5.6.1. Participation as a chairperson / speaker

- **3<sup>rd</sup> International conference of pharmaceutical and drug industries division**, March 6<sup>th</sup> – 8<sup>th</sup>, 2007, National Research Center, Cairo, Egypt.  
**Speaker:** *Transdermal delivery of salbutamol sulfate via ethosomes.*
- **3<sup>rd</sup> FUE International conference of pharmaceutical sciences**, February 9<sup>th</sup> - 11<sup>th</sup>, 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 21<sup>st</sup> - 23<sup>rd</sup>, 2015, Amman, Jordan.  
**Speaker:** *Lipoprotein-mimic nanoparticles as promising intravenous carriers for chlorambucil.*
- **4<sup>th</sup> International conference of pharmaceutical sciences, Future University in Egypt**, Jan 31<sup>st</sup> – Feb 2<sup>nd</sup>, 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 8<sup>th</sup> – 10<sup>th</sup>, 2017, Cairo International Convention Center, Egypt.  
**Speaker:** *The conductance of bioequivalence studies and licensing of bioequivalence centers.*
- **8<sup>th</sup> International scientific conference of Faculty of Pharmacy, Cairo University**, April 22<sup>nd</sup>, 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 27<sup>th</sup>-28<sup>th</sup>, 2017, Cairo, Egypt.  
**Speaker:** *Successful comparative in vitro dissolution studies.*
- **The 3<sup>rd</sup> Arab conference for food, drug and medical device**, April 15<sup>th</sup> – 17<sup>th</sup>, 2018, Sharm El-Sheikh, Egypt.  
**Speaker:** *Applications of nanotechnology in drug delivery.*
- **9<sup>th</sup> International scientific conference of Faculty of Pharmacy, Cairo University**, April 25<sup>th</sup>– 26<sup>th</sup>, 2018, Cairo, Egypt.  
**Speaker:** *Bridging society, industry, market and Academia: Three initiatives.*
- **International conference of pharmaceutical sciences, Misr University for Science and Technology**, October 27<sup>th</sup> – 28<sup>th</sup>, 2018, Cairo, Egypt.  
**Speaker:** *Biosimilarity and bioequivalence of pharmaceutical products.*
- **5<sup>th</sup> FUE International conference of pharmaceutical sciences**, Jan 28<sup>th</sup> – 30<sup>th</sup>, 2019, Cairo, Egypt.  
**Chairperson:** *“Drug delivery systems session”.*
- **Al-Ahram Pharmaceutical Conference& Exhibition**, Nov. 16<sup>th</sup> – 17<sup>th</sup>, 2019, Cairo, Egypt.  
**Speaker:** *Nanotechnology and Drug Manufacture.*
- **10<sup>th</sup> International scientific conference of Faculty of Pharmacy, Cairo University**, July 6<sup>th</sup>– 7<sup>th</sup>, 2021, Cairo, Egypt.



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

- **9<sup>th</sup> 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 65<sup>th</sup> Annual International Pharmaceutical Federation Conference**, September 2<sup>nd</sup> – 8<sup>th</sup>, 2005, Cairo, Egypt.  
Elbary AA, El-laithy HM, Tadros MI. *Promising alternative carriers to lactose monohydrate for cromolyn sodium dry powder inhalation.*
- **1<sup>st</sup> International scientific conference of Faculty of Pharmacy, Cairo University**, March 29<sup>th</sup>, 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.*
- **7<sup>th</sup> world meeting on pharmaceuticals, biopharmaceuticals and pharmaceutical technology**, March 8<sup>th</sup> – 11<sup>th</sup>, 2010, APV, Valetta, Malta.  
Abd-Elbary A, Tadros MI, Alaa-Eldin AA. *Development of controlled porosity osmotic pump tablets of etodolac.*
- **13<sup>th</sup> AARU conference of the Pan Arab Colleges of Pharmacy**, May 25<sup>th</sup> – 27<sup>th</sup>, 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.*
- **12<sup>th</sup> European symposium on controlled drug delivery**, April 4<sup>th</sup> – 6<sup>th</sup>, 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.*
- **3<sup>rd</sup> international scientific conference of Faculty of Pharmacy**, April 25<sup>th</sup> – 26<sup>th</sup>, 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 14<sup>th</sup> – 18<sup>th</sup>, 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.*
- **4<sup>th</sup> International scientific conference of Faculty of Pharmacy, Cairo University**, April 24<sup>th</sup> – 25<sup>th</sup>, 2013, Cairo, Egypt.  
Mohamed MI, Tadros MI, Gebreel RM. *Formulation and in vitro evaluation of Tizanidine hydrochloride gastroretentive controlled release matrices.*
- **4<sup>th</sup> International symposium on biomedical applications of dendrimers (Biodendrimer 2014)**, June 18<sup>th</sup> – 20<sup>th</sup>, 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 19<sup>th</sup> - 21<sup>st</sup>, 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 27<sup>th</sup> – 28<sup>th</sup>, 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.*
- **7<sup>th</sup> International scientific conference of Faculty of Pharmacy, Cairo University**, April 16<sup>th</sup> – 17<sup>th</sup>, 2016, Cairo, Egypt.  
Elgendy MA, El-Assal MI, Tadros MI, El-Gazayerly ON. *Formulation, optimization and in vitro characterization of olmesartan- loaded mixed micelles.*
- **4<sup>th</sup> International conference of pharmaceutical sciences, Future University in Egypt**, Jan 31<sup>st</sup> – Feb 2<sup>nd</sup>, 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.*
- **8<sup>th</sup> International scientific conference of Faculty of Pharmacy, Cairo University**, April 22<sup>nd</sup>, 2017, Cairo, Egypt.  
Tawfik MA, Tadros MI, Mohamed MI. *Formulation and in vitro evaluation of Vardenafil HCl nanostructured lipid carriers.*
- **3<sup>rd</sup> International congress of the Greek local chapter of the controlled release society**, June 19<sup>th</sup> – 20<sup>th</sup>, 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 3<sup>rd</sup> – 4<sup>th</sup>, 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 19<sup>th</sup> – 21<sup>st</sup>, 2006, Pharmaceutical Society of Egypt, Cairo, Egypt.
- **5<sup>th</sup> international conference of scientific research and its applications**, December 21<sup>st</sup> – 24<sup>th</sup>, 2009, Cairo University, Cairo, Egypt.
- **FUE international conference on pharmaceutical technologies**, February 6<sup>th</sup> – 9<sup>th</sup>, 2012, Cairo, Egypt.

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- **FUE international conference on pharmaceutical sciences**, April 13<sup>th</sup> – 15<sup>th</sup>, 2013, Cairo, Egypt.
- **4<sup>th</sup> International conference of National Authority for Quality Assurance and Accreditation of Education (NAQAAE)**, April 23<sup>rd</sup> – 24<sup>th</sup>, 2017, Cairo, Egypt.
- **The 6<sup>th</sup> 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 5<sup>th</sup> – 7<sup>th</sup>, 2022, Cairo, Egypt.

## 5.7. Peer-reviewing

- International Journal of Nanomedicine, **Dove Press**
- Journal of Advanced Research, **Elsevier**
- 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**
- 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. Membership in 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.
- Abdelbary GA, Tadros MI. *Brain targeting of olanzapine via intranasal delivery of core-shell difunctional block copolymer mixed nanomicellar carriers: in-vitro characterization, ex-vivo estimation of nasal toxicity and in-vivo biodistribution studies.* **Int J Pharm.** **2013**; 452(1-2): 300-10.
- Tayel SA, El-Nabarawi MA, Tadros MI, Abd-Elsalam WH. *Positively charged polymeric nanoparticle reservoirs of Terbinafine hydrochloride: Preclinical implications for controlled drug delivery in the aqueous humor of rabbits.* **AAPS PharmSciTech.** **2013**;14(2): 782-93.

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- 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. *Olmesartan medoxomil-loaded mixed micelles: Preparation, characterization and in-vitro evaluation.* **Fut J Pharm Sci.** **2017**;3: 90-94.
- El-Assal M, El-Gendy M, El-Assal M, Tadros MI, El-Gazayerly O. *Olmesartan medoxomil-loaded self-nanoemulsifying drug delivery systems: Design, in-vitro characterization, and pharmacokinetic assessments in rabbits via LC-MS/MS.* **Int J Drug Del Technol.** **2017**; 7(3): 210-219.
- Aboumanei MH, Abdelbary AA, Ibrahim IT, Tadros MI, El-Kolaly MT. *Design and development of microemulsion systems of a new antineoplaston A10 analog for enhanced intravenous antitumor activity: In vitro characterization, molecular docking,*

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- <sup>125</sup>I-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. *<sup>99m</sup>Tc-Doxorubicin-loaded gallic acid-gold nanoparticles (<sup>99m</sup>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.

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- Ammar HO, Mohamed MI, Tadros MI, Fouly AA. *High frequency ultrasound mediated transdermal delivery of ondansetron hydrochloride employing bilosomal gel systems: Ex-vivo and in-vivo characterization studies.* **J Pharm Investig.** **2020**; 50(6), 613-624.
- Tawfik, M.A., Tadros, M.I., Mohamed, M.I., El-Helaly, S.N. *Low-frequency versus high-frequency ultrasound-mediated transdermal delivery of agomelatine-loaded invasomes: Development, optimization and in-vivo pharmacokinetic assessment.* **Int J Nanomedicine.** **2020**; 15, 8893-8910.
- Rana M Gebreel RM, Edris NA, 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-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 MA, Tadros MI, Mohamed MI, El-Helaly SN. *Low-frequency sonophoresis as an active approach to potentiate the transdermal delivery of agomelatine-loaded novasomes: design, optimization, and pharmacokinetic profiling in rabbits.* **AAPS PharmSciTech.** **2021**; 22 (8): article 261, 1-15.
- Ammar HO, Tadros MI, Salama NM, Ghoneim AM. *Development of vardenafil hydrochloride-loaded silica nanoparticles with enhanced transdermal delivery.* **Journal of Research in Pharmacy,** 2022, 26(3), pp. 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 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.

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- **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 factory** 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 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)**, 13<sup>th</sup> (2019 – 2022) and 14<sup>th</sup> cycles (2022 – 2025), Supreme Council of Universities.
- **Reviewer, Scientific committee for promotion of Professors and Associate Professors (Specialty: Biological and Medical Sciences)**, 12<sup>th</sup> (2016 – 2019), 13<sup>th</sup> (2019 – 2022) and 14<sup>th</sup> (2022 – 2025) cycles, Egyptian Atomic Energy Authority.
- **Reviewer, Best academic thesis**, Helwan University, 2018.
- **Reviewer, Research proposals**, Cairo University, 2019, entitled “Efficiency and safety of dapagliflozin in treating non-alcoholic fatty liver compared to bioglitazon”
- **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 28<sup>th</sup> – 30<sup>th</sup>, 2016.
  - Member of the external reviewing team for the reaccreditation of the Faculty of Pharmacy, **Egyptian – Russian University** on December 12<sup>th</sup> –14<sup>th</sup>, 2016.
  - Member of the external reviewing team for the accreditation of the Faculty of Pharmacy, **Delta University**, April 2<sup>nd</sup> – 4<sup>th</sup>, 2018.
  - Member of the external reviewing team for the accreditation of the Faculty of Pharmacy, **Heliopolis University**, February 26<sup>th</sup> – 28<sup>th</sup>, 2019.
  - Member of the external reviewing team for the reaccreditation of the Faculty of Pharmacy, **Helwan University**, March 28<sup>th</sup> – April 4<sup>th</sup>, 2021.



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- **External course evaluator for pharmaceuticals departments,**
  - Faculty of Pharmacy, Future University (FUE).
  - Faculty of Pharmacy, Ahram Canadian University (ACU).
  - Faculty of Pharmacy and Biotechnology, German University in Cairo (GUC).
  - College of Pharmaceutical sciences and drug manufacturing, Misr University for Science & Technology (MUST).

## **7. Administrative activities**

### **7.1. In Cairo University (CU)**

- Former Vice Dean for Community Service and Environment Development Affairs, Faculty of Pharmacy, Cairo University; from 1/8/2017 till 31/7/2020.
  - Former Acting-Vice Dean for Graduate Studies and Research Affairs, Faculty of Pharmacy, Cairo University; from 22/6/2019 till 14/1/2020.
  - Former Conductor of the works of Graduate Studies and Research Affairs, Faculty of Pharmacy, Cairo University; from 27/9/2018 till 21/6/2019.
  - Former Director of Drug Manufacture Unit, Faculty of Pharmacy, Cairo University; from 1/11/ 2013 till 31/7/2017.
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- **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, 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, 1<sup>st</sup> 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.

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- **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, graduate studies & research affairs, private cadre, cultural relationships, library and laboratories committees**, Faculty of Pharmacy, Cairo University; from 27/9/2018 till 14/1/2020.

## **7.2. In Egyptian Chinese University (ECU)**

- **Founder and dean**, Faculty of Pharmacy and Drug Technology, ECU, Sept. 2020.
- **Head of the committee responsible for setting ECU Strategic Plan (2021/2026).**
- **Member of the committee responsible for setting ECU Research strategic plan (2021/2026).**
- **Arranging co-operation protocols** with leading Chinese universities and pharmaceutical institutions, including:
  - Hebei University of Chinese medicine, China.
  - Shandong University of Traditional Chinese Medicine, China.
  - AstraZeneca Biopharmaceutical Co., Egypt.
  - Elezaby Pharmacy, Egypt.
  - AlQahera Pharmacy, Egypt.
  - Hits Solutions Bioinformatics Co., Egypt.

## **8. Awards, achievements and certificates of appreciation**

### **8.1. Awards and achievements**

- **Inclusion of biography in “MARQUIS Who's Who in the world”**, from 2011.
- **The best poster in Pharmaceutics**, 2<sup>nd</sup> international scientific conference of Faculty of Pharmacy, Cairo University, April 26<sup>th</sup> 2010, for the research article entitled; *“Preparation and characterization of double-coated celecoxib microparticles”* BY Dalia M. Ghorab, Maha M. Amin, Omneya M. Khowessah, Tadros MI.  
**Supervision on the best master thesis in Pharmaceutics and industrial pharmacy department in 2012**, Faculty of Pharmacy, Cairo University; entitled *“A Pharmaceutical study on certain ocular formulations of an antifungal drug”* BY Wessam H. Abd-El salam.
- **The best-published manuscript in pharmaceutics and industrial pharmacy department in 2013**, Faculty of Pharmacy, Cairo University for the research article entitled *“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”* BY Abdelbary GA, Tadros MI.
- **FUE’s Professors award for outstanding teaching in 2014**, Future University, Egypt.
- **Supervision on the best Ph.D. thesis in Pharmaceutics and industrial pharmacy department in 2015**, Faculty of Pharmacy, Cairo University; entitled *“A Pharmaceutical*

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*study on improving the oral bioavailability of an anti-hyperlipidemic drug* BY Wessam H. Abd-Elsalam.

- **Dr. Makram Mehany award for scientific creativity in life sciences**, in recognition of the merit in the treatment of cancer, **2017**.
- **The best-published manuscript in pharmaceuticals and industrial pharmacy department** in **2019**, Faculty of Pharmacy, Cairo University for the research article entitled "*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*" BY Ghoneim AM, Tadros MI, Alaa-Eldin AA.
- **Nomination among the best 2% of worldwide scientists**, Stanford University world ranking of scientists database published in October 2021.
- **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:
  - **6<sup>th</sup> international scientific conference** entitled "*2020 vision of Pharmacy in Egypt*" on April 25<sup>th</sup> – 26<sup>th</sup>, 2015.
  - **7<sup>th</sup> international scientific conference of Faculty of Pharmacy, Cairo University** entitled "*Translational research in pharmacy: From bench to market*" on April 16<sup>th</sup> – 17<sup>th</sup>, 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 2<sup>nd</sup> - 7<sup>th</sup> 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 pharmacist day, September 25<sup>th</sup>, 2021.