Curriculum Vitae

**Sara A. Abouelmagd**

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# Education

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| Jan 2012 – Dec 2015   | Graduate School (PhD) Department of Industrial and Physical Pharmacy, Purdue University, West Lafayette, IN. Advisor: Prof. Yoon Yeo  |
|  Dec 2008 - Dec 2011   | Graduate School (MSc, *course work completed; Grade A; ranked 1st in a class of 25*) Department of Pharmaceutics Faculty of Pharmacy, Assiut University, Assiut, Egypt. Course work: Completed.  |
|  Sep 2003 - June 2008   **Work Experience**  | Bachelor Sciences in Pharmaceutical Sciences (*Summa cum laude; ranked 1st on class of 550)* Faculty of Pharmacy, Assiut University, Assiut, Egypt.  |
| Oct 2023 – May 2024May 2022- Present Jan 2022 – Present April 2021- PresentMay 2018 - PresentApril 2016 - April 2021Jan 2012 – Dec 2015 | Adjunct Associate ProfessorDepartment of Pharmaceutics and Pharmaceutical Technology Faculty of Pharmacy, Badr University in Assiut, Assiut, EgyptMember of Faculty of Pharmacy Research Ethics Committee (Ph-AUREC)Member of Assiut University Research Ethics Central Committee (AUREC)Associate Professor (*fast-track promotion*) Department of Pharmaceutics Faculty of Pharmacy, Assiut University, Assiut, Egypt. Deputy Director of Drug Research Center (DRC)Assiut University, Assiut, EgyptAssistant Professor (Lecturer)Department of Pharmaceutics Faculty of Pharmacy, Assiut University, Assiut, Egypt. Ph.D. Student Department of Industrial and Physical Pharmacy, College of Pharmacy, Purdue University, West Lafayette, IN Thesisproject: Drug delivery to solid tumors via polymeric nanoparticles (Adviser: Prof. Yoon Yeo). |
| Dec 2008 - Dec 2011  | Teaching and research assistantDepartment of Pharmaceutics Faculty of Pharmacy, Assiut University, Assiut, Egypt. |
| **Awards and Honors** |  |

2014 Travel grant awarded by Purdue Center for Cancer Research (PCCR), Purdue University, West Lafayette, IN.

2011 Full Ph.D. fellowship, awarded by Missions Sector, Ministry of Higher Education, Egypt.

2008 Excellence award, awarded by Egyptian Pharmacy Syndicate, Cairo, Egypt

2008 Academic excellence award, awarded by Assiut University, Assiut, Egypt.

# Publications

1. Abd Ellah, N. H., Helmy, A. H., Tammam, O. Y., El-Sherif, M. W., Abouelmagd, S. A., **2024**, Dual-responsive in situ gelling polymer matrix for tunable ketamine general anesthesia in experimental animals, *International Journal of Pharmaceutics*, 652.
2. Abouelmagd, S. A., Hassan, S. A., **2023**, Chapter 3: Ionic liquid technology for drug delivery applications. In: Mehta, P. P., Parihar, A (eds) Advances in drug delivery systems for healthcare, from concept to clinic. IOP publishing (*In press*).
3. Helmy, A. M., Ahmed, S. S., Sabaa, R.M.E., Abdel-Wahab, H. M., Abouelmagd, S. A., **2023**, Towards formulation of highly acidic active ingredients: development of clinically effective concentrated trichloroacetic acid gel for wart management, *AAPS PharmSciTech,* 24(6)160.
4. Hassan, S. A., Gad, S. H., Abdu-Allah, H. H. M., Qayed, W. S, Abouelmagd, S. A., Ibrahim, E. A., **2022**, Ionic liquid of ketoprofen-piperine modulates the pharmaceutical and therapeutic characters of ketoprofen, *International Journal of Pharmaceutics,* 620.
5. Abd-El Hafeez, S. I., Eleraky, N. E., Hafez, E., Abouelmagd, S. A., **2022**, Design and optimization of metformin hydrophobic ion pairs for efficient encapsulation in polymeric drug carriers, *Scientific Reports,* 12(1), 1-14.
6. Abouelmagd S.A., Khalil I.A., Harashima H., **2021.** Nucleic Acids for Gene Therapy. In: Talevi A. (eds) The ADME Encyclopedia. Springer.
7. Abdelkarim, M, Abd Ellah, N. H., Elsabahy, M., Abdelgawad, M. Abouelmagd, S. A., **2020**. Microchannel geometry vs flow parameters for controlling nanoprecipitation of polymeric nanoparticles, *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, 611.
8. Abualsayed, A. M., Abouelmagd, S. A., Abdelgawad, M., **2019.** Miniaturised preparation of polymeric nanoparticles using droplet manipulation on open surfaces, *Micro & Nano letters*, 14(13), 1312 –1316.
9. Abd Ellah, N.H., Abd El-Aziz, F. A., Abouelmagd, S.A., Abd El-Hamid, B.N., Hetta, H.F., **2019.** Spidroin in carbopol-based gel promotes wound healing in earthworm's skin model, *Drug Development Research*,1–11.
10. Abouelmagd, S.A., Abd Ellah, N.H, Amen, O., Abdelmoez, A., Mohamed, N.G., **2019**. Self-assembled tannic acid complexes for pH-responsive delivery of antibiotics: Role of drug-carrier interactions, *International Journal of Pharmaceutics*, 562, 76-85.
11. Abouelmagd, S.A., Abd Ellah, N.H., and Abd EL Hamid, B.N., **2019**. Temperature and pH dual-stimuli responsive polymeric carriers for drug delivery. In: Makhlouf, A.H., and Abu-Thabit, N.Y. (Ed.), Stimuli responsive polymeric nanocarriers for drug delivery applications. Woodhead Publishing (Elsevier).
12. Abd Ellah, N.H., Abouelmagd. S. A., Abbas, A. M., Shaaban, O. M. and Hassanein, K. M. A., **2018.** Dual-responsive lidocaine in situ gel reduces pain of intrauterine device insertion. *International Journal of Pharmaceutics,*538, 279-286.
13. Abd Ellah, N.H. and Abouelmagd. S. A., **2017**. Surface functionalization of polymeric nanoparticles for tumor drug delivery: approaches and challenges*. Expert Opinion on Drug Delivery*, 14, 201-214.
14. Abouelmagd, S.A., Meng, F., Kim, B.K., Hyun, H., and Yeo, Y., **2016**. Tannic acid-mediated surface functionalization of polymeric nanoparticles. *ACS Biomaterials Science & Engineering*. 2, 2294-2303
15. Park, J, Kadasala, N., Abouelmagd, S. A., Castanares, M., Collins, D, Wei, A., Yeo, Y., **2016**. Polymer–iron oxide composite nanoparticles for EPR-independent drug delivery. *Biomaterials*, 101, 285-295.
16. Abouelmagd, S.A. and Yeo, Y., **2016**. Nanoparticle-based Drug Delivery to Solid Tumors. In: Silvia Muro (Ed.), Drug Delivery across Physiological Barriers. Pan Stanford.
17. Abouelmagd, S.A., Ku, Y.J., Yeo, Y., **2015**. Low molecular weight chitosan-coated polymeric nanoparticles for sustained and pH-sensitive delivery of paclitaxel. *Journal of Drug Targeting,* 23, 725-735.
18. Abouelmagd, S.A.\*, Sun, B.\*, Chang, A., Ku, Y.J., Yeo, Y., **2015**. Release kinetics study of poorly water-soluble drugs from nanoparticles: Are we doing it right? *Molecular Pharmaceutics*, 12, 997-1003.
19. Abouelmagd, S.A.\*, Hyun, H.\*, Yeo, Y., **2014**. Extracellularly activatable nanocarriers for drug delivery to tumors. *Expert Opinion on Drug Delivery*, 11, 1601-1618.
20. Cho, E.J., Holback, H., Liu, K.C., Abouelmagd, S.A., Park, J., Yeo, Y., **2013**. Nanoparticle characterization: state of the art, challenges, and emerging technologies. *Molecular Pharmaceutics*, 10, 2093-2110.

 (\*=equal contribution)

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Google Scholar citation count: 1365, Google H-index: 13

# Proceedings

1. Nanoparticles Synthesis using Digital microfluidics. Abualsayed, A.M., Abouelmagd, S.A., Abdelgawad, M., *Proceedings of the 14th Annual IEEE International Conference on Nano/Micro Engineering and Molecular Systems*, Bangkok, Thailand, April 11-14th, **2019**.
2. Mahmoud Abdelkarim, Noura H. Abd Ellah, Mahmoud Elsabahy, Sara A. Abouelmagd, and Mohamed Abdelgawad, Optimization of Preparation of Polymeric Nanoparticles using Microfluidics*, The 22nd International Conference on Miniaturized Systems for Chemistry and Life Sciences (µTAS 2018)*, Kaohsiung, Taiwan 11-15 November, **2018**.
3. pH-sensitive stealth coating of polymeric nanoparticles by polydopamine polymerization. Abouelmagd, S.A\*., Ku, Y.J., Yeo, Y., *Proceedings of the 13th International Nanomedicine and Drug Delivery Symposium*, Seattle, WA, USA, September 16-18th, **2015**.
4. Grafting a pH-sensitive Stealth Layer on Polymeric Nanoparticles using the Bioinspired Dopamine Polymerization Method. Abouelmagd, S.A\*., Ku, Y.J., Yeo, Y., *Proceedings of the 41st Annual Meeting of the Controlled Release Society,* Chicago, IN, USA, July 13-16th, **2014**.

**Poster presentations**

1. Design and Evaluation of Piperine Deep Eutectic Solvents and Ionic Liquids: Significance of Drug-Counter Ion Structure, Sara A. Hassan, Marwa A. Zaater, Alyaa A. Seoudy, Elsayed A. Ibrahim, Ahmed M. El Kerdawy, Sara A. Abouelmagd, *The third international Conference of the Faculty of Pharmacy, Ain Shams University,* Cairo, Egypt, November 19th-20th, **2023.**
2. A novel formulation for Transdermal Delivery of Ketoprofen-Piperine Ionic Liquid: Preparation and In-vivo Characterization, Sara A. Hassan, Sheryhan F. Gad, Sara A. Abouelmagd, Elsayed A. Ibrahim, *The third international Conference of the Faculty of Pharmacy, Ain Shams University,* Cairo, Egypt, November 19th-20th, **2023.**
3. Developing Polymer-Based Gels of Concentrated Trichloroacetic Acid for Different Therapeutic Purposes, Sara A. Abouelmagd, Abdelrahman M. Helmy, Nada A. Hussein, Sheryhan F. Gad, *Assiut University 13th International Pharmaceutical Sciences Conference*, Luxor, Egypt, November 18th-19th, **2022**.
4. Ionic Liquid Forms of Anti-tubercular Drugs for Enhanced Oral Delivery, Hanan E. Rasmy, Sara A. Abouelmagd, Hajjaj H.M. Abdu-Allah, and Elsayed A. Ibrahim, *Assiut University 13th International Pharmaceutical Sciences Conference*, Luxor, Egypt, November 18th-19th, **2022**.
5. Novel Ionic Liquid Form of Ketoprofen Enhances Its Transdermal Delivery: An In-Vitro and In-Vivo Study, Sara A. Hassan, Sheryhan F. Gad, Sara A. Abouelmagd, Elasyed A. Ibrahim, *3rd PUA International Conference in Pharmaceutical Sciences*, Alexandria, Egypt, May 14th, **2022**.
6. Study of pharmaceutical ionic liquid’s permeability; discrepancy between synthetic membrane and animal skin, Sara A. Hassan, Sheryhan F. Gad, Sara A. Abouelmagd\*, Elsayed A. Ibrahim, *Virtual 13th International Conference and Workshop on Biological Barriers*, Helmholtz-Institute for Pharmaceutical Research Saarland and Saarland University, September 7th -8th, **2021**.
7. Ionic liquid of ketoprofen-piperine modulates drugs’ solubility, lipophilicity and anti-inflammatory effect, Sara A. Hassan, Sara A. AbouElmagd, Sheryhan F. Gad, Wesam S. Qayed and Elsayed A. Ibrahim, *The 48th Controlled Release Society Virtual Annual meeting,* July 25th- 29th, **2021**.
8. Modulation of metformin hydrochloride water solubility via hydrophobic ion pairing approach to sustain its release from calcium alginate beads, Abd-El Hafeez, S. I., EL Eraky, N., Abouelmagd, S. A., Hafez, E., *Virtual Vancouver Nanomedicine Day*, University of British Columbia, British Columbia, Vancouver, Canada, September 17th, **2020**.
9. Tuning Nanoparticles Size via Microchannel Geometry, Abdelkarim, M., Abd Ellah, N. H., Elsabahy, M., Abdelgawad, M. Abouelmagd, S. A., *Virtual Vancouver Nanomedicine Day*, University of British Columbia, British Columbia, Vancouver, Canada, September 17th, **2020**.
10. Tannic acid as a pH-responsive carrier for cationic antibiotics, Abouelmagd, S. A., Ellah, N. H., Amen, O., Abdelmoez, A., Mohamed, N. G., *The International Conference on Pharmaceutical and Healthcare Sciences*, Alexandria, Egypt, November 6th -7th, **2019**.
11. Sulfobutylether-β-cyclodextrin/chitosan nanoparticles for enhancement of oral bioavailability of griseofulvin, Abd El-Hamid, B. N., Abouelmagd, S. A., Soliman, G. M., *The International Conference on Pharmaceutical and Healthcare Sciences*, Alexandria, Egypt, November 6th -7th, **2019**.
12. Optimization of preparation of polymeric nanoparticles using microfluidics, Abdelkarim, M., Abd Ellah, N. H., Elsabahy, M.,Abouelmagd, S. A., Abdelgawad, M., *MicroTAS2018,* Kaohsiung, Taiwan, November 11th -15th, **2018**.
13. Effect of drug loading method on the in-vivo stability of polymeric nanocarriers: chemical conjugation vs. physical loading,Abouelmagd, S.A.\*, Xu, J., Yeo, Y.***,*** *Assiut University 11th International Pharmaceutical Sciences Conference*, Assiut University, Assiut, Egypt, April 11th-12th, **2018**.
14. Self-administered lidocaine-dual responsive in situ gel for IUD insertion pain: Development, evaluation and randomized placebo-controlled trial*,* Abd Ellah, N. H., Abouelmagd, S. A.\*, Abbas, A. M., Shaaban, O. M., Hassanein, K. M. A., *Assiut University 11th International Pharmaceutical Sciences Conference*, Assiut University, Assiut, Egypt, April 11th-12th, **2018**.
15. pH-sensitive stealth coating of polymeric nanoparticles by polydopamine polymerization Abouelmagd, S.A.\*, Ku, Y.J., Yeo, Y., *Purdue Cancer Research Day*, Purdue Center for Cancer Research, Purdue University, West Lafayette, October 14th, **2015**.
16. Polydopmaine-mediated pH sensitive stealth coating of polymeric nanoparticles. Abouelmagd, S.A.\*, Ku, Y.J., Yeo, Y. *12th Annual Garnet E. Peck Symposium*, College of Pharmacy, Purdue University, West Lafayette, February 25th-27th, **2015**.
17. Low molecular weight Chitosan as a pH sensitive stealth coating for drug loaded polymeric Nanoparticles. Abouelmagd, S.A.\*, Ku, Y.J., Yeo, Y., *13th Annual scientific retreat, Center for cancer research*, Purdue University, West Lafayette, November 12th, **2014**.
18. Polymeric nanoparticles for tumor drug delivery: comparison of two approaches for grafting a pH-sensitive stealth layer. Abouelmagd, S.A.\*, Park, J., Yeo, Y., *12th Annual scientific retreat, Center for cancer research*, Purdue University, West Lafayette, November 6th, **2013**.

**Invited talks**

Ionic Liquids: Exploiting the Power of Liquid for Drug Delivery Applications,*Assiut University 13th International Pharmaceutical Sciences Conference*, Luxor, Egypt, November 18th, 2022.

Design and Optimization of Drug-Polymer Interactions for Drug Delivery Purposes, *Virtual Injectable and Implantable polymeric drug delivery systems Winter School*, Amirkabir University, Tehran, Iran, March 6th, 2022.

Surface Modification of Polymeric Nanoparticles via Multifunctional Coatings, *Assiut University 11th International Pharmaceutical Sciences Conference*, Assiut University, Assiut, Egypt, April 11th-12th, 2018.

**Other talks**

How to detect research misconduct?, *Research Ethics; Practice and Misconduct Workshop,* Faculty of Nursing, Assiut University, Assiut, Egypt, May 7th, 2023.

Common Mistakes Encountered when Conducting Research, *Central Ethics Committee Workshop*, Faculty of Specific Education, Assiut University, Assiut, Egypt, November 28th, 2022.

How to detect research misconduct?, *Research Integrity: Standards and Challenges Workshop,* Assiut University, Assiut, Egypt, March 28th, 2022.

Understanding Academic Literature, *1st Annual Research 101: Basic Research Skills workshop*, Drug Research Center (DRC), Assiut University, Assiut, Egypt, November 17th, 2018.

Applications of Nanotechnology in Cancer Therapy and Diagnosis, *20th Anniversary Celebration of Molecular Biology Research Unit (MBRU),* Assiut University, Assiut, October 31st, 2016.

**Research funding and projects**:

2024 Norethindrone-eluting 3D-printed implants for management of endometriosis- Internal Funding Program (Research Project Management Office- Assiut University) 248,275 LE (**Principal Investigator**)

2024 Solid to Liquid: Integrated Computational and Experimental Studies to Investigate API Molten Salts and Underlying Interactions – Basic Sciences Grant (call 2, Science and Technology Development Fund) 1,783,404 LE (**Principal Investigator**).

2023 Studies on pharmaceutical characteristics of ionic liquids of certain anti-tuberculous drugs - Post Graduate Support Grant (Science and Technology Development Fund) 212,784 LE (**Academic supervisor**).

2020 Development of novel active pharmaceutical ingredients-ionic liquids for

 enhanced delivery of rational drug combinations – Research Support Grant (Science and Technology Development Fund) 200,000 LE (**Principal investigator**).

2020 Reproductive Science Research Center (Competitive Excellence Project of Higher

Education institutes) (**Team member**).

**International reviewing activities:**

Reviewing for journals: (2016- present)

Expert Opinion in Drug Delivery, *Taylor and Francis.*

Scientific Reports, *Nature.*

Journal of Controlled Release, *Elsevier*

Biomaterials Science, *Elsevier.*

Biotechnology Advances, *Elsevier.*

International Journal of Pharmaceutics, *Elsevier*

Molecular Pharmaceutics, *ACS Publishing.*

Journal of Current Medical Research and Practice, Faculty of Medicine, *Assiut University*.

Journal of Drug Delivery, *Hindawi*.

 Bulletin of Pharmaceutical Sciences, *Assiut University.*

Reviewing for funding agencies:

 Egypt’s Academy of Scientific Research and Technology.

Postgraduate program reviewing activities:

Served as independent evaluator of several postgraduate programs in Graduate Business School of Griffith College, Dublin, Ireland (July 2022)

Others:

Graphical abstract competition judging panel, BioRener.com (2021).

**Academic supervision**

2023- present Riham Adel, Pharmaceutics Department, Faculty of Pharmacy,

Assiut University.

PhD advisor, thesis title: Mizolastine nanoformulations for topical management of allergic skin conditions: development and in vitro/in vivo appraisal.

2022-2023 Aml Saber Imam, Pharmaceutics Department, Faculty of Pharmacy,

Assiut University (Future Generation Scientists fellowship, 2022 call, ASRT, Egypt)

M.Sc. adviser.

2022- present Kholoud Fadl Ahmed Alhakami, Dermatology, Venerology

and Andrology Department, Faculty of Medicine, Assiut University.

M. Sc. adviser, thesis title: Efficacy and safety of topical methotrexate gel 1% coupled with microneedling in treatment of warts: a prospective controlled randomized trial.

2021- 2024 Ayat Mahmoud Abdel Salam Abdel Raheem, Dermatology, Venerology

and Andrology Department, Faculty of Medicine, Assiut University.

PhD advisor, thesis title: The Efficacy and safety of topical methotrexate

microemulsion in combination with excimer light and narrow band-ultraviolet B in the treatment of plaque psoriasis.

2021 – present Hanan Ezzat Rasmy, Pharmaceutics Department, Faculty of Pharmacy,

Assiut University.

M.Sc. adviser, thesis title: Studies on pharmaceutical characteristics of ionic liquids of certain anti-tuberculous drugs.

2019- present Heba Yousry Raslan, Pharmaceutics Department, Faculty of Pharmacy,

Assiut University.

PhD advisor, thesis title: Design, fabrication and characterization of novel microneedle arrays for transdermal delivery of pediatric drugs.

2019- present Salma Mohamed Abd El-Samea, Biotechnology Department, [Molecular Biology Research & Studies Institute, Assiut University.](https://life.aun.edu.eg/molecular_biology_institute/home%22%20%5Ct%20%22_blank)

PhD advisor, thesis title: Metabolic and Genetic Changes in Mice After Intermittent Fasting and Its therapeutic applications.

2018- 2022 Sara Ahmed Hassan, Pharmaceutics Department, Faculty of Pharmacy,

Assiut University.

PhD advisor, thesis title: Application of ionic liquid approach for enhancing the delivery of certain drug combinations.

2018- present Randa Mohamed Eldesoky, Pharmaceutics Department, Faculty of Pharmacy, Assiut University.

M.Sc. adviser, thesis title: Fluconazole-Gentamicin microemulsion-based emulgel for combating resistant fungal infections.

2016-2020 Mahmoud Salah Abdelkarim, Mechanical Engineering Department, Faculty of Engineering, Assiut University.

M.Sc. advisor, thesis title: Optimization of Nanoparticles Synthesis Using Microfluidics.

2017-2020 Sara Ibrahim Abdelhafeez, Pharmaceutics Department, Faculty of Pharmacy, Assiut University.

 M.Sc. advisor, thesis title: Development and evaluation of sustained release metformin hydrochloride formulations.

**Selected Attended Training and workshops**:

2021 DKA Module "*Proposal Writing for Post Docs*"

 Organized by DAAD, Assiut University, Assiut, Egypt, *December 2nd*.

2021 Joint ASRT-BA Research Grants Hybrid Workshop

 *Applied Research: From Theory to Market, November 8th -9th*

2021 SCOPE (Science Communication Online Programme) Center for Interdisciplinary

 Exploration and Research in Astrophysics, Northwestern University, USA, winter course (10 weeks).

2021 Assiut University Assessment and Measurement Center workshops

 *Assessment and Measurement Techniques and Question Banks, May 24th -25th*

2021 Assiut University’s FLDC: Digital conversion workshops

 *Fundamental of IT – Mobile Applications – Word, March 14th – 16th*

2021 *How to write research proposals?* Workshop, Faculty of Engineering, Assiut University, Assiut, *February 21st- 22nd.*

2020 Qualifying Faculty Workshops, Quality control center, Assiut University, Assiut,

Egypt. Topics covered: e-courses, scientific thinking, problem solving, quality attributes in education, international publishing, research methodologies, strategic planning.

2017 *Scientific Thinking and Argumentation Skills for Problem Solving* Workshop, organized by DAAD, Assiut University, Assiut, Egypt.

2012, 2013 Nikon A1R Confocal imaging; IVIS Lumina II whole body imaging system: Bindley Bioscience Center, Imaging Facility, Purdue University.

Beckman FC500 Flow Cytometry: Bindley Bioscience Center, Flow-Cytometry Core, Purdue University.

MALDI-TOF: Proteomics Facility, Purdue University.

Transmission Electron Microscopy: Purdue Life Science Microscopy facility.

2009, 2010 Qualifying Faculty Workshops, Quality control center, Assiut University, Assiut,

Egypt.

Topics covered: Technology educational application, Communication skills, Elearning and Scientific event organization

2007 Quality control in pharmaceutical industry, Quality control Unit, T3A Pharmaceutical, Assiut, Egypt.

2007 Summer community pharmacy training

100 hours at *Hamdy Misq* Pharmacy, Assiut, and *Faten* Pharmacy, Cairo, Egypt.

**National academic and community activities**:

Judge for National “*Egypt Can with Its Students*” conference, Assiut University, March 5th & 6th, 2023.

Development of *Radiopharmacy* E-course for undergraduate pharmacy students, Egyptian Universities Libraries Consortium (EULC), 2021-2022.

Organization of “*Recent Advanced Techniques for General Analysis and Green Technology”* Workshop in collaboration with Peak Scientific Instruments and Nawah Scientific, Drug Research Center/Faculty of Pharmacy, Assiut University, Assiut, Egypt, October 16th, 2019.

Organization of the 1st annual *Summer Undergraduate Research Program of Drug Research Center* (DRC), Assiut University, Assiut, Egypt. An extensive training program for undergraduate students in collaboration with staff members from Assiut and Deraya Universities, July and August, 2019.

Organization of 1st annual *Research 101: Basic Research Skills* workshop, Drug Research Center (DRC), Assiut University, Assiut, Egypt, November 17th&18th, 2018. A free workshop organized for junior researchers pursuing M.Sc. degree in Assiut University.

Member of registration committee for Assiut University *11th International Pharmaceutical*

*Sciences Conference*; Assiut, Egypt, April 11th&12th, 2018.

Coordinator for *Child University program* for middle-school children in the Faculty of Pharmacy of Assiut University, in collaboration with Faculty of Kindergarten and Egyptian Academy for Scientific Research, 2016 to 2019.

# Language

Mother language: Arabic

Other languages: English (TOEFL IBT score: 113, *2010*)

 **Licensure**

Registered Pharmacist (licensed by the General Pharmacists Syndicate, Cairo, Egypt).