

Curriculum Vitae



Personal information:

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| 1) Full Name: | ▪ Rania Moataz Ibrahim EL-Dahmy |
| 2) Title: | ▪ Lecturer |
| 3) Nationality: | ▪ Egyptian |
| 4) Date of birth: | ▪ 18/1/1989 |
| 5) Place of birth: | ▪ Kuwait |
| 6) Marital status: | ▪ Married |
| 7) Address: | ▪ Faculty of Pharmacy, October 6 University |
| 8) E-Mail: | ▪ rania-moataz@ou.edu.eg |
| 9) H-Index (according to Scopus): | ▪ 6 |
| 10) Website: | ▪ https://scholar.google.com/citations?user=G6QJ9KcAAAAJ&hl=en&oi=ao |
| 11) ORCID: | ▪ 0000-0003-2189-3840 |
| 12) Scopus author ID: | ▪ 56401139200 |

Education:

- Bachelor of Pharmaceutical Sciences, Faculty of Pharmacy, October 6 University, 2011. Grade: Excellent Degree with honor.
- Master's degree in Pharmaceutical Sciences (Pharmaceutics and industrial pharmacy), Faculty of Pharmacy, Cairo University, 2016.
- Doctor of Philosophy in Pharmaceutical Sciences (Pharmaceutics and industrial pharmacy), Faculty of Pharmacy, Cairo University, 2019.



Professional occupations:

(2019 - Present)

- Lecturer of pharmaceutics and industrial pharmacy, Faculty of Pharmacy, October 6 University.

(2016-2019)

- Assistant lecturer of Pharmaceutics and Industrial pharmacy, Faculty of Pharmacy, October 6 University.

(2011-2016)

- Demonstrator of Pharmaceutics and Industrial pharmacy, Faculty of Pharmacy, October 6 University.

Experience:

1. Teaching experience:

- Teaching and assisting in the delivery of theoretical academic education courses for undergraduates, the courses include:
 - ✓ Pharmacy orientation
 - ✓ pharmaceutics I
 - ✓ pharmaceutics II
 - ✓ Pharmaceutics IV.
- Teaching and assisting in the delivery of practical academic education courses for undergraduates, the courses include:
 - ✓ Pharmaceutical Quality Control
 - ✓ Clinical pharmacokinetics
 - ✓ Pharmaceutics I
 - ✓ Pharmaceutics II
 - ✓ Pharmaceutics III
 - ✓ Pharmaceutics IV
 - ✓ Physical Pharmacy
 - ✓ Cosmetics, Industrial Pharmacy
 - ✓ Drug design and Pharmaceutical Formulation.

2. Research experience and list of publications:

1. **El-Dahmy RM**, Elsayed I, Elshafeey AH, Abd El Gawad NA, El-Gazayerly OA. Optimization of long circulating mixed polymeric micelles containing vinpocetine using simple lattice mixture design, in vitro and in vivo characterization, International Journal of Pharmaceutics, Volume 477, Issues 1–2, **2014**, Pages 39-46.
<https://doi.org/10.1016/j.ijpharm.2014.10.003>
(Q1 with impact factor 5.72)
2. Elsayed I, **El-Dahmy RM**, Elshafeey AH, Abd El Gawad NA, El-Gazayerly ON. Tripling the Bioavailability of Rosuvastatin



- Calcium Through Development and Optimization of an In-Situ Forming Nanovesicular System. *Pharmaceutics*. **2019**; 11(6):275.
<https://doi.org/10.3390/pharmaceutics11060275>
(Q1 with impact factor 6.525)
3. Elsayed I, **El-Dahmy RM**, El-Emam SZ, Elshafeey AH, Abd El Gawad NA, El Gazayerly ON. Response surface optimization of biocompatible elastic nanovesicles loaded with rosuvastatin calcium: enhanced bioavailability and anticancer efficacy. *Drug Delivery and Translational Research*. **2020**;10, 1459–1475.
<https://doi.org/10.1007/s13346-020-00761-0>
(Q1 with impact factor 5.671)
 4. **El-Dahmy RM**, Elshafeey AH, Abd El Gawad NA, El-Gazayerly ON, Elsayed I. Statistical optimization of nanostructured gels for enhancement of vinpocetine transnasal and permeation. *Journal of Drug Delivery Science and Technology*. **2021**; 66:102871.
<https://doi.org/10.1016/j.jddst.2021.102871>
(Q1 with impact factor 5.062)
 5. Albash R, Fahmy AM, Hamed MIA, Darwish KM, **El-Dahmy RM**. Spironolactone hyaluronic acid enriched cerosomes (HAECs) for topical management of hirsutism: in-silico studies, statistical optimization, ex-vivo, and in vivo studies. *Drug Delivery*. **2021**; 28:1, 2289-2300.
<https://doi.org/10.1080/10717544.2021.1989089>
(Q1 with impact factor 6.819)
 6. Elshafeey AH and **El-Dahmy R.M**. Formulation and Development of Oral Fast-Dissolving Films Loaded with Nanosuspension to Augment Paroxetine Bioavailability: In Vitro Characterization, Ex Vivo Permeation, and Pharmacokinetic Evaluation in Healthy Human Volunteers. *Pharmaceutics*. **2021**, 13, 1869.
<https://doi.org/10.3390/pharmaceutics13111869>
(Q1 with impact factor 6.525)
 7. Rofida Albash, Rania Moataz El-Dahmy, Mohammed I. A. Hamed, Khaled M. Darwish, Abdulrahman M. Alahdal, Amira B. Kassem & Abdulrahman M. Fahmy. Repurposing levocetirizine hydrochloride loaded into cationic ceramide/phospholipid composite (CCPCs) for management of alopecia: central composite design optimization, in-silico and in-vivo studies, *Drug Delivery*. **2022**, 29:1, 2784-2795.
<https://doi.org/10.1080/10717544.2022.2108939>
(Q1 with impact factor 6.819)



8- Elshafeey AH and **El-Dahmy RM**. A novel oral medicated jelly for enhancement of etilefrine hydrochloride bioavailability: In vitro characterization and pharmacokinetic evaluation in healthy human volunteers, Saudi Pharm. J. **2022**, 30 (10), 1435-1447. <https://doi.org/10.1016/j.jsps.2022.07.004>
(Q2 with impact factor 4.562)

9- **El-Dahmy RM**, Elsayed I, Hussein J, Althubiti M, Almainani RA, El-Readi MZ, Elbaset MA, Ibrahim BMM. Development of Transdermal Oleogel Containing Olmesartan Medoxomil: Statistical Optimization and Pharmacological Evaluation. Pharmaceutics. **2023**; 15(4):1083. <https://doi.org/10.3390/pharmaceutics15041083>
(Q1 with impact factor 6.525)

8. Training and Attendance of conferences :

❖ Conferences

- 4th International Scientific Conference of Faculty of Pharmacy, Cairo University, 24-25/4/2013.
- International Conference of the Egyptian Pharmaceutical Society, December 20-22, 2015.
- The 2nd International Conference of National Authority for Quality Assurance and accreditation of Education (NAQAAE), 2015.
- The 4th International Conference of National Authority for Quality Assurance and accreditation of Education (NAQAAE), 23-24/4/2017.
- International Conference of Pharmaceutical Sciences, Misr University for science and technology, held on October 27 - 28, 2018.
- The International Conference of Faculty of Pharmacy, MSA University, Pharmacists in Frontlines, Challenges and Innovative Solutions, 12-13 December 2020. (Online conference).
- 2nd International Conference of Pharmaceutical Sciences, “Future Perspectives on Drug Research and Sustainable Development” College of Pharmaceutical Sciences & Drug Manufacturing, Must University, on July 11th-12th, 2023, Egypt

❖ Workshops

- Self-evaluation for higher education institutions, December 2016, Quality Assurance, and accreditation center, O6U.
- Workshop on “National Academic Reference Standards for Pharmacy Education-2nd Edition, 20/4/2017- National Authority for Quality Assurance and accreditation of Education.
- Workshop on “APPLICATION OF PHARMACY NARS: FROM CONTENT TO COMPETENCY – BASED CURRICULA”, 18&19 18-19 December



2017, National Authority for Quality Assurance and Accreditation of Education in Collaboration with AUF.

- Workshop on “Self-evaluation for higher education institutions, the first standard: Strategic planning”, February 2018, Quality assurance, and accreditation center, O6U.
- Workshop on “Self-evaluation for higher education institutions, the seventh standard: Academic standards and education programs”, February 2018, Quality assurance, and accreditation center, O6U.
- Workshop on “Writing effective exams questions: learning domains and construction of valid and reliable exams. Optimize your questions and write an effective exam”, 16/4/2018, Faculty of Pharmacy, O6U.
- Workshop on “The research quality and performance” held by Clarivate Analytics on September 26th, 2019.
- Workshop on “Concomitant Application of Quality by design and artificial Intelligence in Drug Delivery”, 12 December 2020, The International Conference of Faculty of Pharmacy, MSA University, Pharmacists in Frontlines, Challenges and Innovative Solutions. (Online).
- Webinar on “Professional Writing of Grant Proposals: submission, review, contracting and getting funded” by CABI, EKB, online, 29/3/2021.
- Workshop on “National Academic Reference Standards NARS 2017”, the quality assurance unit, Faculty of Pharmacy, O6U, 2/6/2021.
- Workshop on “Design Expert Workshop” in Must University, on July 11th-12th, 12/7/2023.

❖ **Training courses**

- Teaching methods, March/2013 – Quality assurance and accreditation center, O6U.
- Introduction to credit hours and academic guidance, 28 February/2015, Quality assurance, and accreditation center, O6U.
- Teaching strategies and effective learning, 16-17/November/2015 - National Authority for Quality Assurance and Accreditation of Education.
- Exams’ systems and students’ assessment methods, 9-10/ May/2016 – National Authority for Quality Assurance and Accreditation of Education.
- Education programs and courses specifications and evaluation of learning outcomes for higher education institutions, 27-29



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| | <p>September/2016 - National Authority for Quality Assurance and Accreditation of Education.</p> <ul style="list-style-type: none">▪ Self-evaluation for higher education faculties and institutions, March/2017- National Authority for Quality Assurance and Accreditation of Education.▪ Effective Academic Writing held by nature research academies, Egyptian Knowledge Bank, May 2018.▪ How to publish in top impact factor journals held by the Egyptian Medical Syndicate, January 2019.▪ Academy on logical manuscript structure, by Dr. Jeffrey Robens, EKB, at O6U, 25th July 2019.▪ Development of faculty members, 25-29 July/2020 – accredited by October 6 University> |
| <ul style="list-style-type: none">▪ Awards: | <ul style="list-style-type: none">▪ The award of the best published research, 2013/2014- Faculty of Pharmacy, O6U. <p><u>El-Dahmy RM</u>, Elsayed I, Elshafeey AH, Abd El Gawad NA, El-Gazayerly OA. Optimization of long circulating mixed polymeric micelles containing vincristine using simple lattice mixture design, in vitro and in vivo characterization, International Journal of Pharmaceutics, Volume 477, Issues 1–2, 2014, Pages 39-46. https://doi.org/10.1016/j.ijpharm.2014.10.003 (Q1 with impact factor 6.51)</p> |
| <ul style="list-style-type: none">▪ Other activities: | <ul style="list-style-type: none">▪ Effective participation in accreditation of Faculty of Pharmacy, O6U on 4/2019 from National Authority for Quality Assurance and accreditation of Education (NAQAEE).▪ Participation of Cosmetics course projects like cosmetics magazines, O6U cosmetics shop, Perfumes, Cleansing products.▪ Effective participation in accreditation of Faculty of Pharmacy, O6U on 5/2/2014 from National Authority for Quality Assurance and accreditation of Education (NAQAEE).▪ Participation in the annual students' conference at Faculty of Pharmacy, O6U – 2013/2014. |