

# Curriculum vitae

## **Personal Data :**

**Name:** Jelan Abdel-razik Abdel-Aleem Abdel-razik Elnashar.

**Gender:** female .

**Address:** Industrial pharmacy department, Faculty of Pharmacy ,  
Assiut University, Assiut, Egypt .

**Date of birth:** April 14, 1978 .

**Nationality:** Egyptian

**Marital state:** Married

**Languages:** Arabic (Native language), English (First foreign language), and  
Germany (Second foreign language) .

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## **Education :**

05/2000 – B.Sc. in Pharmaceutical Sciences (very Good with degree of honor),  
Faculty of Pharmacy, Assiut University, Egypt.

04/2002 – General courses of postgraduate study.

10/2002 – Special courses of postgraduate study in Industrial Pharmacy.

07/2004 – Master Degree in Pharmaceutical sciences (Industrial Pharmacy).

01/2010 – Degree of Doctor of Philosophy (Ph.D.) in Pharmaceutical Sciences  
(Industrial Pharmacy).

12/2019 – Assistant professor of industrial pharmacy

## **Training programs:**

- Attendance of the workshops of the Faculty and Leadership Development Project at Assiut University (FLDP):
  - 09/2005: Skills for effective data show.
  - 06/2006: Skills for effective communication.
  - 10/2006: Job ethics.
  - 04/2007: New trends for teaching.
  - 04/2007: Using of technology in teaching.
  - 05/2007: Methods of scientific research.
  - 05/2013: Conference Organization.
  - 06/2013: Quality Standards in teaching
  - 04/2014: Credit Hours
  - 05/2014: Time and Conference Management.
  - 02/2017: Strategic Planning.
  - 09/2017: Research Team Management.
  - 01/2018: Quality Standards in Teaching.

- 09/2020: Effective Communication.
- 03/2021: Analytical and Creative Thinking in Teaching.
- 04/2024: - Publication of Research in International Journals.  
- Self Study Preparation for the Educational Institution.
- 06/2024: -Preparing a Proposal for a Competitive Research Project.  
- Fundamentals of Digital Transformation Certificate (Web Search)
- Attendance of :
  - From Gene to Protein work shop from 25-27/12/2011.
  - Google scholar, Research gate work shop on 26/11/2017
  - Prize program work shop on 22/11/2018.
  - Thin layer and high performance thin layer chromatography: Theory and Applications work shop from 9- 10/03/2019.
  - Principles and Applications of PCR (level I) work shop from 20-21/3/2019.
  - High- Performance liquid Chromatography work shop from 20-21/4/2019.
  - Programme and Course Specification according to NARS 2019 on 11/07/ 2020.
  - Microsoft training in the context of the activities of the Egyptian Information Network at the Center for Electronic and Knowledge Services, under the General Secretariat of the Supreme Council of Universities on 18,25/02/2021 and 04/03/2021.
  - Preparing Test Items for the Medical Sector as Part of the Plan to Implement the National Electronic Testing System from 26-27/04/2021.
  - Internal Quality System at the Center for Quality Assurance and Accreditation Preparation on 25/10/2022.
  - University Education Quality in Light of the Goals of the New Republic on 06/12/2022.
  - Quality Control is a Requirement for Ensuring Quality on 24/04/2024.

### **Previous and Current Positions:**

10/2000-07/2004: Demonstrator of Industrial Pharmacy, Faculty of Pharmacy, Assiut University, Egypt.

07/2007- 01/2010: Assistant lecturer of Industrial Pharmacy, Faculty of Pharmacy, Assiut University, Egypt.

01/2010-12/2019: Lecturer of Industrial Pharmacy, Faculty of Pharmacy, Assiut University, Egypt.

12/2019- until now: Associate professor of industrial pharmacy

### **Awards:**

2000 – Assiut State Medal for Top Ten University Graduates.

2000 – T3A Pharmaceutical Co. Prize for Top Ten Pharmacy Graduates.

2020 – Acdim award for the best scientific research in the field of applied pharmaceutical sciences.

## **Publications:**

1. **Master Thesis:** "Formulation and Evaluation of Ketoconazole Vaginal Pessaries."
2. **Ph.D. Thesis:** "Formulation and Evaluation of Sustained Release Solid Dosage Forms Containing Isoxsuprine Hydrochloride."
3. Evening Primrose Oil for Induction of Labour in Postdate Pregnancies – A Randomized Placebo Controlled Clinical Trial. JESGO, 2009, Vol. 35, No. 1.
4. Effect of trochar site lidocaine on postoperative pain scoring and patient satisfaction after gynecologic laparoscopies – A randomized clinical trial. Middle East Fertility Society Journal .2011, 16, 131–136.
5. Controlled release tablet formulations of isoxsuprine hydrochloride using direct compression technique. Bulletin of Pharmaceutical Sciences, Assiut University. 2012, Volume 35, part 1.
6. Optical properties of cellulose derivatives blend film carrying a chalcogenide material. Materials Science in Semiconductor Processing.2013,16, 1052-1056.
7. Formulation of sustained release Itopride hydrochloride matrix tablets using direct compression technique. Unique Journal of pharmaceutical and Biological Sciences. 2013, 01(03), 72-81.
8. Development and optimization of Itopride hydrochloride fast disintegrating tablets using factorial design and response surface methodology. International Journal of pharmaceutical sciences and research.2015, vol 6(4), 1661-1672.
9. Development of Domperidone Solid Lipid Nanoparticles: In Vitro and In Vivo Characterization. AAPS Pharm Sci Tech, 2018, Vol. 19, No. 4, May.
10. Intranasal niosomes of nefopam with improved bioavailability: preparation, Optimization, and in-vivo evaluation. Drug Design, Development and Therapy, 2018, 12, 3501–3516.
11. Naphthylthiazoles: Targeting Multidrug-Resistant and Intracellular Staphylococcus aureus with Biofilm Disruption Activity. ACS Infect. Dis. 2018, 4, 1679–1691.
12. Nanoparticles delivery to cancer: Approaches and limitation. IJRDO - Journal of Applied Science, 2019, Volume-5 Issue-4, 17-44.
13. Development of Liposomal Gemcitabine with High Drug Loading Capacity. Molecular pharmaceuticals, 2019, 16(7), 2858-2871.
14. Efficacy of ketoconazole gel-flakes in treatment of vaginal candidiasis: Formulation, in vitro and clinical evaluation. International Journal of Pharmaceuticals, 2019, 567, 118472.
15. Role of oral simethicone on postoperative pain and operative field during gynecological laparoscopies: a randomized double-blind study. Research and Opinion in Anesthesia & Intensive Care, 2019, 6:335–343.
16. From Phenylthiazoles to Phenylpyrazoles: Broadening the Antibacterial Spectrum toward Carbapenem-Resistant Bacteria. J. Med. Chem., 2019, 62, 7998–8010.

17. Transfersomal gel nanocarriers for enhancement the permeation of Lornoxicam, *Journal of Drug Delivery Science and Technology*, 2020, 56, 101540.
18. Novel Green Biosynthesis of 5-Fluorouracil Chromium Nanoparticles Using *Harpullia pendula* Extract for Treatment of Colorectal Cancer, *Pharmaceutics*, 2021, 13, 226.
19. Clinical translation of nanomedicines: Challenges, opportunities, and keys, *Advanced Drug Delivery Reviews*, 2021, 181, 114083.
20. Tailoring of Novel Azithromycin-Loaded Zinc Oxide Nanoparticles for Wound Healing, *Pharmaceutics*, 2021, 14, 0111.
21. A Novel C@Fe@Cu Nanocomposite Loaded with Doxorubicin Tailored for the Treatment of Hepatocellular Carcinoma, *Pharmaceutics*, 2022, 14, 1845.
22. Exploration of the safety and solubilization, dissolution, analgesic effects of common basic excipients on the NSAID drug ketoprofen, *Pharmaceutics*, 2023, 15, 713.
23. Impact of the functional coating of silver nanoparticles on their in vivo performance and biosafety, *Drug Development and Industrial Pharmacy*, 2023, 49(5), 349-356
24. Silver nanoparticles coated with polymers: synthesis, characterization and loading with rousvastatin calcium, *Sphinx journal of pharmaceutical and medical sciences*, 2023, Vol. 5, Issue 1, 33-46
25. Captopril Polyvinyl Alcohol/Sodium Alginate/Gelatin-Based Oral Dispersible Films (ODFs) with Modified Release and Advanced Oral Bioavailability for the Treatment of Pediatric Hypertension, *Pharmaceutics*, 2023, 6, 1323.

### **Posters and Conferences:**

1. Effect of certain macromolecules on the solubility and dissolution of ketoconazole. Al-Azhar 3rd International Conference for Pharmaceutical & Biological Sciences, Cairo, Egypt, 2003.
2. Cyclodextrins inclusion complexes of ketoconazole in solution and in solid state. Al-Azhar 3rd International Conference for Pharmaceutical & Biological Sciences, Cairo, Egypt, 2003.
3. Formulation and evaluation of ketoconazole into novel vaginal suppositories (Pessaries). 29<sup>th</sup> International Conference of Pharmaceutical Sciences, Cairo, Egypt, 2004.
4. Formulation and evaluation of isoxsuprine hydrochloride sustained release tablets prepared by wet granulation technique. 31<sup>st</sup> International Conference of Pharmaceutical Sciences, Cairo, Egypt, 2008.
5. Enhancing the dissolution of Atorvastatin: formulation and evaluation of directly compressed tablets. 10<sup>th</sup> International Pharmaceutical Sciences Conference, Assiut, Egypt, 2016.
6. Enhancement of Mizolastine Solubility using Different Hydrophilic Polymers and Surfactants. 7<sup>th</sup> Scientific Conference for young Researchers, Sohag, University, 2022.

7. Improvement of Dissolution and Antifungal Activity of Clotrimazole. 7<sup>th</sup>  
Scientific Conference for young Researchers, Sohag University, 2022.

**Current research interests:**

- Drug targeting, new approaches for drug delivery systems.
- Solid dosage forms and bioavailability studies.
- Enhancement the dissolution of poorly water-soluble drugs.
- Stability studies.
- Polymer technology.
- Bio pharmaceuticals.

**Teaching experience:**

**1- Teaching** of different courses of pharmaceutical technology for pharmacy students of Faculty of Pharmacy, Assiut University.

**2- Participate** in writing undergraduate students Industrial Pharmacy (1) and (2) Notes supervised by the department council.

**3- Teaching** of different courses for Diploma of Pharmaceutical Technology including; Industrial Engineering, Advanced industrial pharmacy, and Industrial safety.

**4- Preparing and coordinating** of in the final (written and oral) examination of Industrial Pharmacy Course for undergraduate students of Faculty of pharmacy, Assiut University.

**5- Teaching** of different courses for postgraduate students of Master of Pharmaceutical Sciences (Industrial pharmacy) including; Stability of solutions, Advanced industrial pharmacy, Tablet technology, and Recent approaches in drug delivery.

**6- Teaching** of different courses for Clinical Pharmacy Program of Faculty of Pharmacy including; Quality Assurance and Good manufacturing practice, and Pharmaceutical technology.