



Curriculum Vitae



I- Personal information:

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| 1) Full Name: | ▪ Nabaweya Abd El Aziz Abd El Gawad Moussa |
| 2) Title: | ▪ Vice-dean for education and students' affairs, Faculty of Pharmacy, 6th October University |
| 3) Nationality: | ▪ Egyptian |
| 4) Date of birth: | ▪ 17/02/1950 |
| 5) Place of birth: | ▪ Egypt, Cairo Governorate |
| 6) Marital status: | ▪ Widow |
| 7) Address: | ▪ Faculty of Pharmacy, October 6 University |
| 8) E-Mail: | ▪ pharmaceutics@o6u.edu.eg |
| 9) H-Index (according to Scopus): | ▪ 9 |
| 10) Website: | ▪ https://scholar.google.com/citations?user=pdH6FDMAAAAJ&hl=en |
| 11) ORCID: | ▪ 0000-0002-9641-1685 |
| 12) Scopus author ID: | ▪ 56728727900 |

II- Education:

- Professor of Pharmaceutics - Cairo University 1999
- Associate Professor - Cairo University 1993
- PHD - Cairo University 1985
- M.Sc. - Cairo University 1979
- Bachelor with honor - Cairo University 1974

III- Professional occupations:

- Vice dean for education affairs, Faculty of Pharmacy, 6th October University (2013 to date).
- Head of Department of Pharmaceutics & Industrial Pharmacy, Faculty of Pharmacy, 6th October University (2002 – 2012).
- Professor of Pharmaceutics, Faculty of Pharmacy, Misr for Sci. and Tech. University (MUST - 2001).
- Assistant Professor of Pharmaceutics, Faculty of Pharmacy, Cairo University, Beny-Suef Branch (1998).



- Professor of Pharmaceutics, Faculty of Pharmacy, Cairo University (1999-2002).
- Assistant Professor of Pharmaceutics, Faculty of Pharmacy, Cairo University (1993-1999).
- Lecturer in Pharmaceutics, Faculty of Pharmacy, Cairo University (1985-1993). Student Demonstrator in Pharmaceutics, Faculty of Pharmacy, Cairo University (1974-1985).

IV- Experience:

a) Teaching experience:

- Teaching courses for both undergraduate and post-graduate students (1985 – Date).
- Undergraduate courses: Teaching both theoretical and practical courses in Physical Pharmacy, Pharmaceutics I (liquid dosage form), Cosmetics, preformulation & stability.
- Postgraduate courses: Teaching both theoretical and practical courses in Cosmetics and Industrial Pharmacy.
- Participating in the writing and development of theoretical and practical notes that present the material taught to the first, second- and fifth-year students.

b) Research experience and list of publications:

Research experience in:

- Solubilization.
- Microemulsions, nano emulsion, nanocarriers.
- Matrix tablets.
- Cosmetics.
- Formulation of different liquid dosage forms.
- Bioadhesive preparations.
- Transdermal Drug Delivery System.
- Training course “the self-study practice and documents requirement”
- Controlled release drug delivery systems.
- Sunscreen products.
- Transferosomes and polymeric micelles.
- Niosomes and proniosomes and liposomes.
- Brain targeting.
- Solid lipid nanoparticles.

List of publications:



1. "Influence of certain solubilizers on bioavailability of acetazolamide" *Pharm. Ind.* 54,378, (1992).
2. "Hydrotropic and complexing solubilization of acetazolamide," *Pharm. Ind.* 54, 402, (1992).
3. "Solubilization of Meclizine Hydrochloride", accepted article and presented in Vienne, Austria, September 1981 in Federation International Proceeding (F.I.P.) Congress.
4. "Influence of Macromolecular Polymers on Solubilization and Diffusion of Meclizine Hydrochloride", accepted article and presented in Egyptian Pharmaceutical Society Congress XVII, February, 1982, Cairo, Egypt.
5. "Influence of Macromolecular Polymers on Solubilization of Theobromine", accepted article and Presented in Egyptian Pharmaceutical Society Congress XVII, February, 1982, Cairo, Egypt.
6. "Effect of Certain Non-ionic Surfactants and Co-solubilizers on Solubilization of Acetazolamide", accepted and presented in the XXI Congress of the Egyptian Pharmaceutical Society, Cairo, February, 1990.
7. "Diazepam Injectable Solutions Formulations and Stability Studies"
Bull. Fac. Pharm. Cairo Univ., 27, 48, (1989).
8. "Evaluation of Biodegradable Sustained Release Vitamin B12 Injections", *Mans. J. Pharm. Sci.*, 6, 97, (1990).
9. "High Energy States of Tolnaftate" *Egypt. J. Pharm. Sci.*, 33, 267 (1992).
10. "Enhancement of Dissolution of Griseofulvin by Recrystallization"
 - a. *Bull. Fac. Pharm. Cairo Univ.* 30, 45, (1992).
11. "Influence of Certain Stabilizers on Physical Stability and Rheology of Allopurinol Suspension." *Egypt, J. Pharm. Sci.*, 33, 1045, (1992) .
12. "Decreased Bioavailability of Tetracycline HCL due to Interaction with Sucralfate".
13. "Effect of Sucralfate on the Bioavailability of Rifampin,"
14. "Solubilization of Salicylhydroxamic acid (SHAM) "
15. "Controlled Drug Release Through Dry Adsorbed Emulsion".
Articles 12, 13, 14, 15, accepted and presented in Egyptian Pharmaceutical Society Congress XXII, December, 1991, Cairo, Egypt.
16. "Effect of Oxyethylene Chain Length of the Surfactant on the Formation of the Microemulsion" *Bull. Fac. Pharm. Cairo Univ.*, 34, 15, (1996) .
17. "Factorial Design and Computer Optimization of a Reconstituable Suspension of Erythromycin Ethylsuccinate ". *Pharm. Ind.*, 59, 439, (1997) .



18. "An Experimental Method for Determining the Hildebrand Solubility Parameter ". Bull., Fac., Pharm., Cairo Univ., 35, 137 (1997).
19. "Optimization of the Microemulsion Formation Using Central Composite Design. "Bull., Fac., Pharm., Cairo Univ., 35, 131 (1997) .
20. "Comparative Dissolution Study of Drugs Using Protein Hydrolysates".
 - a. J. Drug Res. Egypt, 22, 1(1998).
21. "Stability Studies of Salicylhydroxamic Acid "Egypt, J. Pharm., Sci., 39, (1998).
22. "A Study of Electroconductive Characteristics and NMR Behavior of a Formulated Microemulsion"
23. "Phase Studies on Non – Ionic Surfactants Microemulsion and its Characterization via Interfacial Measurements."
24. "Bioavailability of Cyclosporine from Different Microemulsion Systems."
Articles 22, 23, 24, accepted and presented in Egyptian Pharmaceutical Society Congress XXVI, December, 1998, Cairo, Egypt.
25. " Salbutamol Salphate Controlled Release Hydrophilic Matrix Tablets
RGUHS Journal of Pharmaceutical Sciences, 1(3), 2011.
26. " Comparative study on the different techniques for the preparation of sustained – release hydrophobic matrices of a highly water-soluble drug" Drug Discoveries & Therapeutics, 4(6): 484-492, 2010.
27. " Preparation and Characterization of Benzophenone-3- Loaded Polymeric nanoparticles of Lactide-Co-ε-Caprolactone as Drug Carriers" Journal of Pharmaceutical Research and Opinion, 2: 2, 28-41, 2012.
28. " Topical Benzophenone-3 Microemulsion-based Gels: Preparation and in vitro Evaluation, accepted at AAPS Annual Meeting and Exposition, October 23-27, 2011.
29. " Topical Benzophenone-3 Microemulsion-based Gels: Preparation, Evaluation and determination o Of Microbiological UV Blocking Activity" International Journal of Pharmacy and Pharmaceutical Sciences 6(8), 562-570, 2014.
30. "Optimization of Long Circulating Mixed Polymeric Micelles Containing Vinpocetine Using Simple Lattice Design, in vitro and in vivo Characterization" International Journal of Pharmaceutics 477, 39-46, 2014.
31. " Design and In-vitro Evaluation of Solid Self Nano-emulsifying Drug Delivery Systems (S-SNEDDS) for BCS Class II Drug Valsartan.



Inventi Journals , NDDS Vol,2015, Issue3

32. "Novel non-ionic Surfactant Proniosomes for Transdermal Delivery of Lacidipine : optimization using 2³ Factorial Design and in vivo Evaluation in Rabbits.
Drug Delivery 23(5) ,1608-1622 , 2016.
33. " Could Nanovesicles Containing a Penetration Enhancer Clinically Improve the Therapeutic outcome in Skin Fungal Diseases?
Nanomedicine, 10(13) , 2017-2031, 2015.
34. " Review Article" Recent Advances in Topical Formulation Carriers of Antifungal Agents "
Indian Journal of Dermatology, Venerology and Leprology, 81(5) , 457-463, 2015.
35. "Optimization of Long Circulating Mixed Polymeric Micelles Containing Vinpocetine using Simple Lattice Mixture Design , In Vitro and In Vivo Characterization
International Journal of Pharmaceutics ,477, 39-46, 2014
36. " Novel Nail Penetration Enhancer Containing Vesicles " nPEVs" for Treatment of Onychomycosis
Drug Delivery, 23 (8) : 2813- 2819 - 2016.
37. Tripling the bioavailability of Rosuvastatin Calcium through development & optimization of an In-Situ forming Nano vesicular system. Pharmaceutics 2019,11,275.
38. Drug loaded nano-systems as potential oral delivery system: statistical optimization& in-vivo evaluation.
39. Core in cup Ethyl morphine Hydrochloride tablet for dual fast & Sustained pain relief formulation, characterization and pharmaco-economic study articles 38 & 39 in AAPS pharm SciTech 2020.
40. Response surface optimization of biocompatible elastic nanovesicles loaded with rosuvastatin calcium.
Enhanced bioavailability & anti-cancer efficacy.
Drug delivery & translational research 2020,10:1459-1475
41. Statistical optimization of nanostructured gels for enhancement of vinpocetine trans nasal & transdermal permeation "Journal of drug delivery science & technology" 2021,66.
42. Nose to brain delivery of melatonin lipidic nano capsules as a promising & post-ischemic neuroprotective therapeutic modality – Drug delivery 2022,29 No1,2469-2480.



43. Intranasally administered melatonin core-shell polymeric nano capsules: A promising treatment modality for cerebral ischemia. Life Sciences 306 -2022 - 120797
44. Fabrication of Topical baclofen loaded emulgel characterization. Optimization using 2³ full factorial design and in vivo anti-inflammatory activity.
Bulletin of pharmaceutical sciences – Assiut 2022- 45(1),41-52.

c) Training and Attendance of conferences :

1. Conference of Pharmaceutical Sciences and Technology, Cairo, 1982,1990,1994,1996,1998, 2000.
2. Al-Azhar First International Conference on Recent Advances in Pharmaceutical Technology and Biological Sciences, Cairo, Egypt, 19-21 December 1995.
3. The National Organization of Drug Control and Research Conference, Cairo, 1998.
4. Participation in symposium on “New concepts in antioxidant therapy” .
5. Participation in syposium on “Stability” by a lecture “Good Storage Practice”, Research and advanced studies center, Faculty of Pharmacy, Cairo University, 1994.
6. Participation in syposium on “Quality Control” by a lecture “Quality Control and Specification of Raw Materials”, Research and advanced studies center, Faculty of Pharmacy, Cairo University, 1995.
7. Participation in project “Stability of Sham” Research and advanced studies center, Faculty of Pharmacy, Cairo University, 1995.
8. Al-Azhar 5th International Conference for Pharmaceutical and Biological Sciences, October 13-14, 2008, Air Defense House, Cairo.
9. " ندوة مرض السكرى كيف تعرفه وتعامل معه " الإثنتين ١٣ /٤ /٢٠٠٩ بكلية الصيدلة جامعة ٦ أكتوبر
10. " ندوة عن " " Management of hepatic encephalopathy in diabetic patients" الأحد ١٨ / ٤ / ٢٠١٠ بكلية الصيدلة جامعة ٦ أكتوبر
11. Scientific Conference of Faculty of Pharmacy (Quality Assurance in Pharmacy Education), Cairo University, Cairo, Egypt, Monday 26/4/2010
 - a. Preparation and Evaluation of Controlled-Released Salbutamol Sulphate Hydrophilic Matrix Tablets
12. Participation in a symposium by a lecture “Preformulation of Liquid Dosage Forms” Edwea
 - a. Company, Cairo, Egypt. (2007).
13. Poster Reviewer in 32nd Conference of Pharmaceutical Sciences, "Egyptian Pharmaceutical Society" December 20-22, 2011



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	<ol style="list-style-type: none">14. Participation in session titled "Quality by Design, A new concept of FDA " held on Sunday 9,2012, Faculty of Pharmacy, Cairo University.15. Participation in FUE –International Conference on Pharmaceutical Sciences, April 13-15,2013.16. Scientific Conference of Faculty of Pharmacy" Pharmacy at the cutting –edge: Facing Future Challenges", Cairo University, Cairo, Egypt, April, 23-24, 2014. " Penetration Enhancer Containing Vesicles for Topical Treatment of Sertaconazole in Deep-Seated Fungal Infections "17. Attended and completed the computer course organized by "the unit for preparing the university teacher", Cairo University 1985.18. Attending workshops organized by National Authority for Quality Assurance and Accreditation in 6th October University" on: "Research Methodology and Evidence based science (2015). "Teaching study and effective learning (2015). "Curriculum Map" (2015). "Quality standards in teaching" (2015). "Program and course specification and evaluation of ILOs for Higher Education Institutes" (2016).19. International conference of faculty of pharmacy 3rd ICPASU- Ein Shams university "Sustainability & innovation in pharmaceutical research & industry" held on 19th & 20th of November 2023.
V- Awards:	<ul style="list-style-type: none">▪ Award for International publications from Cairo University (2010)
VI- Memberships in the committee:	<ul style="list-style-type: none">▪ Member of the Pharmacists Syndicate since 1974.▪ Member of the Egyptian Social Society of Pharmacists since 1975.
VII- Other activities:	<ul style="list-style-type: none">▪ External evaluator for postgraduate program at Future University.▪ Reviewer in bulletin of pharmaceutical sciences – Assiut.