



## -Personal information

Full Name:

▪ Nabaweya Abd El Aziz Abd El Gawad Mousa

Nationality:

▪ Egyptian

Date of birth:

▪ 17 / 2 / 1950

Place of birth:

▪ Egypt, Cairo Governorate

Marital status:

▪ Married, Female

Address:

▪ 103 El Haram Street, Cairo, Egypt.

E-Mail:

▪ [nabaweya.moussa@hotmail.com](mailto:nabaweya.moussa@hotmail.com)

## -Education:

▪ Ph.D. in Pharmaceutical Sciences (Pharmaceutics, Cairo University, 1985)

Ph.D. Thesis: : Formulation of Certain Solutions Acting on The Urinary Tract, supervised by Prof. Dr. M.S.A. El Semalygy and Prof. Dr. Y.S. Hamza.

▪ Master Degree in Pharmaceutical Sciences (Pharmaceutics, Cairo University, 1980)

M.Sc. Thesis: : Solubilization and Stabilization of Certain Medicaments, supervised by Prof Dr.A.Hussein and Prof.Dr. Y.S. Hamza.

B. Pharm. Sci. (Cairo University, 1974) with grade Very Good , with honor.

## -Professional occupations:

Vice dean for education and students affairs , Faculty of Pharmacy , October 6 University (2012 to date)

- Head of Department of Pharmaceutics & Industrial Pharmacy, Faculty of Pharmacy, October 6 University (2002 to 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)

## **-Experience**

### **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

Post-Graduate 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.

M.Sc. and Ph. D. thesis approved under my supervision.

M.Sc. thesis submitted by Nermin Ahmed Sabri " A Pharmaceutical Study on the Effect of Certain Solubilizers on Solubility and Bioavailability of Certain Calcium Blocking Agent "

M. Sc. Thesis submitted by Engy Mohamed Elamin " Formulation of Anti-inflammatory Drug in Different Topical Dosage Forms "

M. Sc. Thesis submitted by Abeer Mostafa Abdel Khader " Formulation and Biopharmaceutical Evaluation of Topical Nail Antifungal Preparations "

M. Sc. Thesis submitted by Rania Raafat Louis " Effect of ACE Inhibitors on Diabetic Patients"

Ph. D. thesis submitted by Hanan El- Laithy " A Pharmaceutical Study on Improvement of Solubility and Bioavailability of Certain Slightly Soluble Drug via Microemulsion"

M. Sc. Thesis submitted by Shady Mohamed Abdel Halim " A Pharmaceutical Study on Controlled Released Salbutamol Sulfate Tablets"

M. Sc. Thesis submitted by Yasmin Ahmed Salem" Formulation and Evaluation of Anti- migraine Bioadhesive Buccal Preparations"

M.Sc. Thesis " Formulation and Evaluation of A Certain Sunscreen in Topical Preparations "  
The student Nermin Mohamed Sheta .

M. Sc. Thesis " Pharmaceutical Study on Baclofen"  
The student Karim Omer Abdel Salam

Ph. D. Thesis " Fast Dissolving Systems For an Angiotensin Receptor Blocker "  
The student Shady Mohamed Abdel Halim.

### **Research experience and list of publications:**

**Ph. D. Thesis " Formulation of Nanocarrier Systems for Transdermal Drug Delivery ."**

**The student Sara Mahmoud Hassan.**

**Ph. D. Thesis " Formulation and Evaluation of some Sunscreen Cosmeceutical Preparations"**

**The student Nermin Mohammed Sheta.**

**Ph.D. Thesis " A Pharmaceutical Study on Buccal Drug Delivery Systems"**

**The student Yasmin Ahmed Salem Elfeky**

**M. Sc. Thesis " Preparation & characterization of an antifungal drug for topical application using different drug delivery systems "**

**The student Khaled Mohamed Abdel Halim.**

**M. Sc. Thesis " Nanocarriers for the topical delivery of an antifungal drug "**

**The student Eman Bseiso.**

**M.Sc. Thesis " Bioavailability Enhancement for a Central Nervous System Acting Drug"**

**The student Rania Moataz El –Dahmy.**

**Thesis under my supervision :**

**Ph.D. Thesis : " Bioavailability Enhancement for an Antihyperlipidemic Drug"**

### ***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 CongressXVII, February, 1982, Cairo, Egypt.**

**5- “ Influence of Macromolecular Polymers on Solubilization of Theobromine”, accepted article and Presented in Egyptian Pharmaceutical Society CongressXVII, 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  
Phamaceutical 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- " Inhancement of Dissolution of Griseofulvin by Recrystallization"  
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- " Comparitive Dissolution Study of Drugs Using Protein Hydrolysates" .**  
**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 Vinpocetin 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 2<sup>3</sup> 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.

#### **Awards:**

**Award for International Publications from Cairo University ( 2010).**

#### **Memberships:**

**----Member of the Pharmacists Syndicate since 1974.**

**-----Member of the Egyptian Social Society of Pharmacists since 1975.**

#### **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 5<sup>th</sup> International Conference for Pharmaceutical and Biological Sciences, October 13-14, 2008, Air Defense House, Cairo.**

**9-**

**"**

- 11- Scientific Conference of Faculty of Pharmacy (Quality Assurance in Pharmacy Education),Cairo University, Cairo, Egypt, Monday 26/4/2010  
*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 Company , Cairo , Egypt.( 2007).
- 13- Poster Reviewer in 32<sup>nd</sup> Conference of Pharmaceutical Sciences, "Egyptian Pharmaceutical Society" December 20-22, 2011
- 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 October 6 University" on :

التقويم الذاتى المؤسسى لمؤسسات التعليم العالى  
٢٠١١

الوثائق الداعمه لمؤسسات التعليم العالى  
٢٠١١

" Strategies of teaching & Active learning ( 2014)

" Research Methodology and Evidence Based Science ( 2015).

" Curriculum Map" ( 2012) .

"Quality Standards in Teaching" (2015)

"Program and Course Specification and Evaluation of ILOs for Higher Education Institutes"(2016).



