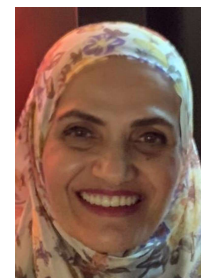




# Curriculum Vitae

## Seham A. Elkheshen, Ph. D.

Professor of Pharmaceutics and Industrial Pharmacy, Faculty of Pharmacy, Cairo University.



### Personal Data:

Nationality: Egyptian  
Sex: Female  
Marital Status: Married  
Present Occupation: Professor of Pharmaceutics and Industrial Pharmacy

### Education:

1987 – 1992 Doctor of Philosophy in pharmaceutical sciences (Pharmaceutics) Faculty of pharmacy Cairo University, Egypt/ College of Pharmacy, State University of Rhode Island, USA.  
1984 – 1987 Master of Pharmaceutical Sciences (Pharmaceutics) Faculty of Pharmacy, Cairo University, Egypt.  
1977 - 1981 Bachelor of Pharmaceutical sciences Faculty of Pharmacy, Cairo University, Egypt.

### Theses Submitted:

" A Study on Microcapsules as Biomedical Carriers ", Ph.D. Thesis in Pharmaceutics, May 1992, Faculty of Pharmacy, Cairo University, Cairo, Egypt.  
" Availability of Some Analgesics, Antipyretics, & Anti-inflammatory Drugs from Different Solid Dosage Forms ", M. Sc. Thesis in Pharmaceutics, July 1987, Faculty of Pharmacy, Cairo University, Cairo, Egypt.

### Professional Jobs Occupied:

2020-Present Tenure Professor of Pharmaceutics and Industrial Pharmacy, Faculty of Pharmacy, Cairo University, Cairo, Egypt.  
2012- 2020 Professor of Pharmaceutics and Industrial Pharmacy, and Dean Faculty of Pharmaceutical Sciences and Pharmaceutical Industries, Future University in Egypt.  
2003- 2012 Professor of Pharmaceutics and Industrial Pharmacy, Faculty of Pharmacy, Cairo University, Cairo, Egypt. (Currently on a leave of absence).  
2009- 2011 Vice Dean for Education and Students' Affairs, Faculty of Pharmacy, Cairo University.  
2004- 2005 Consultant for, the National Organization for Drug Control and Research "NODCAR" and principle investigator of the bioavailability and bioequivalence center.  
2006- 2008 Professor of Pharmaceutics and Industrial Pharmacy (Part time), Faculty of Pharmacy, German University In Cairo (GUC), Cairo, Egypt.  
2003- 2005 Professor of Pharmaceutics and Industrial Pharmacy (Part time), Faculty of Pharmacy, Misr International University (MIU), Cairo, Egypt.  
2001 - 2003 Associate professor of Pharmaceutics and Industrial Pharmacy, Faculty of Pharmacy, Cairo University, Cairo, Egypt.  
Associate professor of Pharmaceutics and Industrial Pharmacy (Part time), Faculty of Pharmacy, Miser International University (MIU), Cairo, Egypt.  
1998 - 2001 Associate professor of Pharmaceutics, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia.

1995 - 1998	Assistant professor of Pharmaceutics, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia.
1992 - 1995	Assistant professor of Pharmaceutics, Faculty of Pharmacy, Cairo University, Cairo, Egypt,
1990 - 1991	Teaching assistant and researcher assistant, College of Pharmacy, University of Rhode Island, , Rhode Island, USA.
1987 - 1992	Assistant Lecturer, Faculty of Pharmacy, Cairo University, Cairo, Egypt,
1983 - 1987	Teaching assistant, Faculty of Pharmacy, Cairo University, Cairo, Egypt.
1981 - 1983	Pharmacist, National Research Center, Cairo, Egypt,

**Membership in Professional and Scientific Societies:**

1. AIM global deans' forum, FIP centennial congress since 2012-2020
2. American Association of Pharmaceutical Scientists (AAPS) 1992-1994 and 1997, 1999.
3. Egyptian Pharmacists Club since 1991.
4. The Pharmaceutical Society of Egypt, since 1983.
5. Staff Members Club of Cairo University since 1983
6. Syndicate of Pharmacists of Cairo Governorate since 1981
7. Egyptian Syndicate of Pharmacist, since 1981.

**Management and Committees Services:**

A. At Future University in Egypt:

2012-2020	Member of the Council of Future University in Egypt (FUE)
2012-2020	Chairman of the Council of faculty of Pharmaceutical Sciences and Pharmaceutical Industries (FPSPI) at FUE
2014-2015	Chairman of the faculty committee for Accreditation during the preparation of the faculty for NAQAA Accreditation.
2013-2020	Chairmen of the Committee of Strategic Planning of FPSPI at FUE
2013-2020	Chairman of the Academic Standards and Education Programs of FPSPI at FUE
2013-2020	Chairman of the Faculty Staff and Assistant Staff Affairs Committee of FPSPI at FUE

B. At Cairo University:

2009-2011	Member of the University Council for Education and Students Affairs
2004-2007 & 2009-2011	Member of the Council of Faculty of Pharmacy, Cairo University.
2009-2011	Coordinator of the faculty committee for Education and Students Affairs
2009-2011	Coordinator of the faculty committee for Academic Standards and Education Programs.
2009-2011	Head of the faculty committee for Students Social Solidarity.
2009-2011	Member of the faculty committee for the Strategic Planning.
2010-2011	Member of the faculty committee for Accreditation during the preparation of the faculty for NAQAA Accreditation.
2004-2008	Member of the faculty committee of laboratory requirements and making decision on the supplying company and supervising the inspection committees.

- 1992-1995. Creating an internal committee in the department of pharmaceuticals and Industrial Pharmacy for repairing equipment in the department by self-efforts, Faculty of Pharmacy, Cairo University.
- 1992-1995. Assistance in the faculty committee of purchasing, chemicals and Glass of the department of Pharmaceuticals and Industrial Pharmacy.
- 1983-1990 Assistance in the internal committee of the department of Pharmaceuticals and Industrial Pharmacy for inspection of the chemicals and equipment for students and research.

**C. At College of Pharmacy King Saud University:**

- 2000. Supervising the research requirements and achievements at the department through the leadership of the scientific research committee.
- 1999. Distributing the teaching loads for staff and technician through leadership of the academic committee.
- 1998. Supervising the preparation of seminars for the society service through the leadership of the committee of society service,
- 1997 Making the interviews for the applicants for joining the postgraduate program through the membership of the committee of postgraduate,
- 1996 Planning the department requirements of chemicals, glass ware and equipment through the membership of the committee of the laboratories' requirements.

**Teaching Experiences:**

**A. Undergraduate:**

**a. At Future University in Egypt (FUE) (2012 – 2020)**

1. PHT 111 (Physical Pharmacy) (2+1)
2. PHT 421 (Reaction Kinetics and Drug Stability) (2+1)

**b. At Cairo University, (1983-1995, 2001-2012):**

1. Teaching Sterile Dosage Forms, Kinetics of drug degradation and dosage form stability (PT 505) for the undergraduate students of the 5<sup>th</sup> semester, Clinical Pharmacy Program (2+1) (2008-2012)
2. Teaching Kinetics of drug degradation and dosage form stability for the undergraduate students of the 7<sup>th</sup> semester (2+1) (2006-2011)
3. Teaching physical pharmacy for the undergraduate students, of the 2<sup>nd</sup> semester (2+1) (2001- 2011).
4. Teaching liquid dosage forms, for first year undergraduate students, and supervising the practical labs (2001-2003).
5. Teaching and general supervision of pharmaceuticals practical labs. for first year undergraduate-students (1992-1995).
6. Pharmaceuticals Practical Labs. for undergraduate students, (1983-1992).

**c. At the German University in Cairo (GUC) (2006 – 2008)**

1. PHTC 411 (Pharmaceutics-II, Liquid Dosage Forms) (2+1)
2. PHTC 732 (Pharmaceutical Technology-I (Sterile Dosage Forms and Drug Stability) (2+1)

**d. At Misr International University (MIU), (2001- 2005)**

1. PHT 111 (Physical Pharmacy) (2+1)
2. PHT 213 (Pharmaceutics-1) (3+1)
3. PHT 421 (Kinetics and Good Storage Conditions) (2+1)

e. At King Saud University, (1995-2001)

1. PHT- 251 (Pharmaceutical calculations and solutions) (2+1)
2. PHT- 252 (Heterogeneous dosage forms and drug stability) (3+1)
3. PHT- 351 (Sterile dosage forms) (2 + 1).
4. PHT- 452 (Dispensing medications-II) (2 +1)
5. PHT- 463 (Quality control for pharmaceutical dosage forms) (2 + 1)
6. PHT- 493 (Selective topics in pharmaceutics, Microcapsules as carrier of drugs), (1 + 0)
7. PHT- 271 (Pharmaceutical history) (2 + 0).

**B. Graduate:**

a. At Cairo University (1992-1995 & 2001-2012, 2020-2021):

1. Physical pharmacy and pharmaceutical dosage form (disperse system) practical labs. and related theories, for Diploma of Industrial Pharmacy.
2. Quality control testing of pharmaceutical dosage forms, practical labs. and related theories, for Diploma of Quality Control and Quality Assurance.
3. Statistics in quality control and designing the industrial experiments, for Diploma of Quality Control and Quality Assurance (20 hours per year).
4. Packaging the Pharmaceutical Dosage Forms for Diploma of Cosmetics (12 hours per years).
5. Solid dosage forms, for Diploma of Industrial Pharmacy (20 hours per years).
6. Kinetics and drug stability for M. Sc. Students (24 hours per year).
7. Pharmaceutical statistics (10 per year)

b. At Ain Shams University (2005 – 2009):

1. Kinetics and drug stability for M. Sc. Students (24 hours per year).
2. Advanced studies in stability of solution, disperse-systems and solid dosage forms for Ph.D. students. (24 hours per year)

c. At King Saud University (1995 – 2001):

1. Kinetics and drug stability for M. Sc. Students, (3 + 0)
2. Quality assurance of pharmaceutical dosage forms, for M. Sc. Students (2 +1)
3. Seminar course for M. Sc students (1+0).

***Participation in Funded Projects:***

1. A Controlled two- way crossover bioequivalence study, comparing Rifampicin plasma level of Rifampin capsules, 300 mg, "Jedco International Pharmaceuticals Co." to Rimactane Capsules, 300 mg, "Biochemie" (The Job done was preparing and signing the contract with "Jedco International Pharmaceuticals Co., supervising twelve members of the team of the bioavailability center at the National Organization For Drug Control And Research "N O D C A R" throughout the project, statistical analysis of data and preparing the final report), Marsh 2005.
2. A Controlled two- way crossover bioequivalence study, comparing progesterone plasma level of Utrocare capsules, 100 mg, " October Pharma"., Egypt to" Utrogestan Capsules, 100 mg, "Laboratoires Besins International" (The Job done was preparing and signing the contract with " October Pharma",

supervising twelve members of the team of the bioavailability center at the National Organization For Drug Control And Research "N O D C A R" through the project, statistical analysis of data and preparing the final report), August 2005.

3. A Controlled two- way crossover bioequivalence study, comparing griseofulvin plasma level of griseofulvin tablets, Memphis, Egypt; to Fulcin tablets, ICI, England (The Job done was HPLC plasma samples analyses, statistical data treatment and assistance in the preparation of the final report) July 1994, done for Memphis Drug Co., through the Center for Applied Research and Advanced Studies, Faculty of Pharmacy Cairo University.
4. A Controlled two- way crossover bioequivalence study, comparing atenolol plasma level of Atenolol Tablets, 100 mg "Jedco International Pharmaceuticals Co., Egypt to" Tenormin Tablets, 100 mg "Zeneca Limited, UK". (The Job done was preparing and signing the contract with "Jedco International Pharmaceuticals Co., supervising twelve members of the team of the bioavailability center at the National Organization For Drug Control And Research "N O D C A R" throughout the project, statistical analysis of data and preparing the final report), October 2004.
5. A Controlled two- way crossover bioequivalence study, comparing metronidazole plasma level of Metrozole tablets, Memphis, Egypt to Flagyl tablets, Rhone Poulence, France ( The Job done was HPLC plasma samples analyses, statistical data treatment and assistance in the preparation of the final report). September 1994, done for Memphis Drug Co., through the Center for Applied Research and Advanced Studies, Faculty of Pharmacy Cairo University.

### **Sample of theses supervision:**

1. "New particulate system for ocular glaucoma therapy" M. Sc. thesis of Engi Ahmed Ahmed Abdelazim, Dept. of Pharmaceutics and Pharmaceutical Technology, FUE (3/2017 – 1/2021)
2. "A pharmaceutical study on colon-targeted delivery systems of an anti-inflammatory drug" PhD thesis of Enas El-Maghawry Ibrahim, TA at Dept. of Pharmaceutics and Pharmaceutical Technology, FUE (12/2015 – 11/2020).
3. "Biodegradable in-situ forming implant loaded with certain drug for improving bone healing" PhD thesis of Fatma Samir Abd El-Salam El-Sebaei, Pharmaceutical Patent Examiner, Egyptian Patent Office at the "Academy of Scientific Research and Technology (2016 - 2020).
4. "Preparation and characterization of antioxidant cosmeceutical formulations" M. Sc. thesis of Shymaa Hatem, Demonstrator at Dept. of Pharmaceutics and Pharmaceutical Technology, FUE (12/2013 – 6/2018).
5. "Formulation and evaluation of vesicular systems of a nutraceutical drug for targeting and treatment of skin cancer" PhD thesis of Maha Elkayal, Teaching Assistant at Future University in Egypt, (2013-2018)
6. A pharmaceutical study on gastroretentive pulsatile delivery systems for certain chronological drugs, The PhD thesis of Rasha Elbatanony, (4/2014 - 7/2016)
7. "Formulation of a Corticosteroid Drug in Nanostructured Lipid Carrier System", M. Sc. thesis of Fatma Ahmed Sameer, Pharmaceutical Technical Examiner in the "Egyptian Patent Office" at the "Academy of Scientific Research and Technology (2010 - 2015).
8. "Formulation and Evaluation of Antibiotic Nano-Systems for Treatment of Ocular Infections", M. Sc. thesis of Carol Yousry Ghattas, Demonstrator, Dept. of Pharmaceutics, Faculty of Pharmacy Cairo University (11/2011 – 10/2014).
9. "Controlled Release Encapsulated Antibiotic for the Treatment of Chronic Infectious Diseases", M. Sc. thesis of Doaa Ahmed Mubarak, Demonstrator, Dept. of Pharmaceutics, Faculty of Pharmacy, Cairo University (3/2008 – 2012).
10. "Formulation and Stability Study of Controlled Release Vitamin C Solid Dosage Forms", M. Sc. thesis of Enas El-Maghawry Ibrahim, Demonstrator, Dept. of Pharmaceutics, Misr international University. (Examined: on September 2011).

11. "Biopharmaceutical Study on Antibiotic Veterinary Preparations", M. Sc. thesis of Sahar Mostafa Fayz, Demonstrator, Dept. of Pharmaceutics, Faculty of Pharmacy, 6 October University (Examined: on November 2009).
12. "Biopharmaceutical Studies on an antihypercholesterolaemic Drug In Solid Dosage Forms", Ph.D. Thesis of Manal Mohyi El-Dein Al-Ashmony, an assistant lecturer, Faculty of Pharmacy, Cairo University (Examined: on April 2008).
13. "Pharmaceutical Study on Certain Phosphodiesterase Inhibitor", Ph.D. Thesis of Shaymaa Mohamed Badr El-Dein, an assistant lecturer, Faculty of Pharmacy, Cairo University (Examined: on Jan. 2008).
14. "Bioadhesive and Floating Formulations as Sustained Release Dosage Forms for Verapamil Hydrochloride" M. Sc. thesis of Fayza Ahmed Al-Khaled, M. Sc. Student, College of Pharmacy, King Saud University. (Examined: on May 2004).
15. "A Study on Optimization of A Microencapsulation Process Using Experimental Design" Ph.D. Thesis of Abeer Abdel Wahab Seleem, Assistant Lecturer, Dept. of Pharmaceutics, Faculty of Pharmacy Cairo University. (Examined: on Marsh 1998).
16. " Pharmaceutical Studies on Piroxicam Solid Dispersion and Inclusion Complexes" M. Sc. thesis of Bushra Tawfeeq Al-Quadeib, Demonstrator, Dept. of Pharmaceutics, College of Pharmacy, King Saud University. (Examined: on Marsh 2001).

### **Membership of Scientific Examination Committees:**

#### **A. Committees for promoting Academic Staff:**

1. Member of the examination committee of scientific work submitted by the assistant professor; Nermeen Adel Elkhasabgy for the qualification for the degree of Associate Professor of Pharmaceutics and Industrial Pharmacy at Cairo University (2/2018).
2. Member of the examination committee of scientific work submitted by the assistant professor; Hanan Kamal El-Refaei for the qualification for the degree of Associate Professor of Pharmaceutics and Industrial Pharmacy at Masr University for Sciences and Technology (8/2017).
3. Member of the examination committee of scientific work submitted by the assistant professor; Marwa Salah El-Dahan for the qualification for the degree of Associate Professor of Pharmaceutics and Industrial Pharmacy at Mansoura University (4/2017).
4. Member of the examination committee of scientific work submitted by the assistant professor; Rasha Mohamed Kharshoom for the qualification for the degree of Associate Professor of Pharmaceutics and Industrial Pharmacy at Baniswife University (10/2016).
5. Member of the examination committee of scientific work submitted by the assistant professor; Amro Helmy Elgarhy for the qualification for the degree of Associate Professor of Pharmaceutics and Industrial Pharmacy at El-Minia University (9/2015).
6. Member of the examination committee of scientific work submitted by the assistant professor; Mahmoud Mokhtar Ahmed for the qualification for the degree of Associate Professor of Pharmaceutics and Industrial Pharmacy at Zagazig University (12/2014).
7. Member of the examination committee of scientific work submitted by the assistant professor; Ikramy Abdel Reheem Khalil for the qualification for the degree of Associate Professor of Pharmaceutics and Industrial Pharmacy at Asuiot University (4/2014).
8. Member of the examination committee of scientific work submitted by the associate professor; Gehan Abdel Sameiaa Awad for the qualification for the degree of Professor of Pharmaceutics at Ain-Shams University (9/2011).
9. Member of the examination committee of scientific work submitted by the associate professor Researcher; Demiana Ibrahim Neseem for the qualification for the degree of Professor of Pharmaceutics at NODCAR (7/2011).

10. Member of the examination committee of scientific work submitted by the assistant professor; Mohamed Al-Housainy Al-Sebaiey Shams for the qualification for the degree of Associate Professor of Clinical Pharmacy at Al-Mansura University (9/2010).
11. Member of the examination committee of scientific work submitted by the associate professor; Thanaa Abdel-Kader Borg for the qualification for the degree of professor of Pharmaceutics at Al-Mansura University. (7/2009).

B. Committees for Examination of Ms and Ph.D. Theses

1. Head of the examination committee of the master thesis of Engi Ahmed Ahmed Abdelazim under the title of "New particulate system for ocular glaucoma therapy" (Approved on 30/1/2021).
2. Head of the examination committee of the PhD thesis of Enas El-Maghawry Ibrahim under the title of "A pharmaceutical study on colon-targeted delivery systems of an anti-inflammatory drug" (Approved on 6/11/2020).
3. Member of the examination committee of the PhD thesis of Fatma Samir Abd El-Salam El-Sebaei under the title of "Biodegradable in-situ forming implant loaded with certain drug for improving bone healing" (Approved on 1/4/2020)
4. Head of the examination committee of the PhD thesis of Maha Elkayal under the title of "Formulation and evaluation of vesicular systems of a nutraceutical drug for targeting and treatment of skin cancer" (Approved on 4/3/2019).
5. Head of the examination committee of the master thesis of Shymaa Hatem, under the title of "Preparation and characterization of antioxidant cosmeceutical formulations" at Ein shams University (Approved on 6/6/2018).
6. Head of the examination committee of the PhD thesis of Rasha Elbatanony under the title of "A pharmaceutical study on gastroretentive pulsatile delivery systems for certain chronological drugs" at Cairo University (Approved on 20/7/2016).
7. Head of the examination committee of the master thesis of Fatma Abdel-Salam under the title of "Formulation of a Corticosteroid Drug in Nanostructured Lipid Carrier System" at Cairo University (Approved on 6/10/2014).
8. Head of the examination committee of the master thesis of Carol Yousry Ghattas under the title of "Formulation and Evaluation of Antibiotic Nano-Systems for Treatment of Ocular Infections at Cairo University (Approved on 12/12/2015).
9. Head of the examination committee of the master thesis of Doaa Ahmed Mubarak under the title of "Controlled Release Encapsulated Antibiotic for the Treatment of Chronic Infectious Diseases" at Cairo University (Approved on 2012).
10. Member of the examination committee of the M. Sc. thesis of Momamed Hassan Hani, under the title of "Formulation and Evaluation of Certain Gastroretentive Systems" at Cairo University (Approved on 5/3/2010).
11. Member of the examination committee of the M. Sc. Thesis of Eman Mohamed Hegazy under the title of "A Study of the Transdermal Bioavailability of Tenoxicam, at Cairo University (Approved on 15/7/2009).
12. Member of the examination committee of the Ph.D. thesis of Manal Mohyi El-Dein Al-Ashmony, under the title of "Biopharmaceutical Studies on an antihypercholesterolaemic Drug In Solid Dosage Forms", at Cairo University (Approved on 29/4/2008).
13. Member of the examination committee of the Ph.D. thesis of Shaymaa Mohamed Badr El-Dein, under the title of "Pharmaceutical Study on Certain Phosphodiesterase Inhibitor", at Cairo University (Approved on 23/1/2008).
14. Member of the examination committee of the M. Sc. thesis of Mahmoud Eid Mahmoud Soliman, under the title of "Solubilization and Dissolution Studies of a Certain Drug" at Ain-Shams University (Approved on 7/10/2005).

15. Member of the examination committee of the Ph.D. thesis of Hwida Kamal Ibrahim, under the title of “A Pharmaceutical Study on Formulation of an Anticholinesterase Drug”, at Cairo University (Approved on 23/3/2005).
16. Member of the examination committee of the Ph.D. thesis of Heba Almotasem Radwan, under the title of “A Study on the Transdermal Bioavailability of Glipizide” at Cairo University (Approved on 11/7/2004).
17. Member of the examination committee of the M. Sc. thesis of Bassma Al-Dossarry under the title of “In vitro and in vivo evaluation of mebeverine hydrochloride from different suppository”, at King Saud University (Approved on 2/2000)
18. Head of the examination committee of the master thesis of Bushra Al- Quadeib under the title of “Pharmaceutical studies on piroxicam solid dispersion and inclusion complexes”, at King Saud University (Approved on 4/2001).

C. Examination of Scientific Funded Grants

1. Member of the examination committee of a grant proposal to be funded by the Science and Technology Development Fund (STDF) for young researchers Project ID: 33337 on (9/2018).
2. Member of the examination committee of a grant proposal to be funded by the Science and Technology Development Fund (STDF) in the field of Drug Carrier and Trapper for Tumor Treatment, Project ID: 3879 (Date: 24/4/2011).
3. Member of the examination committee of a grant proposal to be funded by the Science and Technology Development Fund (STDF) in the field of Nanocomposites for Biomedical Applications, Project ID: 2374 (Date: 20/2/2011).
4. Member of the examination committee of a grant proposal to be funded by the Science and Technology Development Fund (STDF) in the field of fixation of quaternized chitosan on textile substrates, Project ID: 3134 (Date: 4/1/2011).
5. Member of the examination committee of a grant proposal to be funded by the Science and Technology Development Fund (STDF) in the field of targeting Alzheimer’s drugs, Project ID: 1188 (Date: 1/8/2009).

***Attending symposiums, seminars and conferences:***

1. Chairing the 5<sup>rd</sup> FUE- International conference of Pharmaceutical Sciences, Cairo, Egypt, January 29-30, 2019.
2. The 9<sup>th</sup> International AIM global deans of Pharmacy forum proceeding and the International Congress of Pharmaceutical Sciences (F.I.P.), Glasgow, Scotland, September 1- 6, 2018.
3. Chairing the 4<sup>rd</sup> FUE- International conference of Pharmaceutical Sciences, Cairo, Egypt, January 31-February 2<sup>nd</sup>, 2017.
4. The 6<sup>th</sup> International AIM global deans of Pharmacy forum proceeding and International Congress of Pharmaceutical Sciences (F.I.P.), Dusseldorf, Germany, September 28- October 3, 2015.
5. Chairing the 3<sup>rd</sup> FUE- International conference of Pharmaceutical Sciences, Cairo, Egypt, February 9-11, 2015.
6. Poster presentations of 5 articles at the 3<sup>rd</sup> FUE International Conference on Pharmaceutical sciences, Cairo, Egypt, 2015.
7. Third International AIM global deans of Pharmacy forum proceeding and FIP centennial congress, 3-4 October 2012, Amsterdam, Holland.
8. The 3<sup>rd</sup> International Scientific Conference of Faculty of Pharmacy, Cairo University, 25-26 April 2012, Conference Center, Cairo University Hostel, Cairo, Egypt.
9. FUE International Conference on Pharmaceutical Technologies, February 6-9 ,2012, City Stars Intercontinental, Cairo, Egypt.



10. The 32<sup>nd</sup> conference of pharmaceutical sciences, Egyptian Pharmaceutical Society, December 20-22, 2011, Conference Center, Cairo University Hostel, Cairo, Egypt.
11. SCHOTT Pharma Symposium under the title of "Gals Manufacture and application in Pharmaceutical Packages" held at the JW Marriott, Cairo, Egypt, March 18<sup>th</sup>, 2008.
12. The National Symposium around the Future of the Industries and the application of nanotechnology in the Arabic countries, Organized by the Arabic Organization for the Development of Industries and Mining, at the Academy of Scientific Researches and Technology, 11-12 November 2008, Cairo, Egypt.
13. The 4<sup>th</sup> International conference of the scientific and applied researches, organized by Cairo University and held at the International Cairo Center for Conferences, 16-18 December 2008, Cairo, Egypt.
14. The 31<sup>st</sup> Conference of Pharmaceutical Sciences, organized by the Pharmaceutical Society of Egypt and held at Dar El Defaa Al Gawy, 23-25 December 2008, Cairo, Egypt.  
International Congress of Pharmaceutical Sciences (F.I.P.), Cairo, Egypt, March 2005.
15. The 7<sup>th</sup> Scientific Conference on Quality Control of Drug, Vaccines and Natural Products, Cairo, March 2004
16. A symposium on basic statistical principles pertinent to the pharmaceutical industry, organized by CBiC, Medical Pharmaceutical development and consultation, September 2004.
17. The 6<sup>th</sup> Scientific Conference for Quality Control of Drug, Vaccines and Natural Products, Cairo, March 2002
18. The 5<sup>th</sup> International Saudi Pharmacy Conference, Riyadh, Saudi Arabia, 1999.
19. The symposiums organized by King Khalid University Hospital at King Saud University under the title of:
  - a. The hereditary diseases in the Arabic world (23-25/7/1418H)
  - b. Workshop on the human molecular hereditary (27/7/1418H)
19. The annual symposium conducted at the research center of the Depts. of Science and Medicinal Studies for Women Students at King Saud University, under the titles:
  - a. Towards Better Childhood (4-7/7/1416 H)
  - b. Diet in Health and Illness (17-20/6/1417 H)
  - c. Youth Between Present and Future (23-26/12/1418H)
  - d. Natural Materials, Advantages and Disadvantages (1-3/1/1422 H)
20. Monthly Scientific Seminars at College of Pharmacy, Dept. of Pharmaceutics, King Saud University, KSA (1995-2001).
21. The training programs for Pharmacists and Allied Health Professionals, organized by the Center of Applied Research and Advanced Studies, Faculty of Pharmacy Cairo University:
  - a. November 1993 under the title of Statistical Applications in the Pharmaceutical Industry.
  - b. April 1994 under the title of Quality Assurance
22. International Congress of Pharmaceutical Sciences (F.I.P.), Washington, DC, 1991.
23. The Annual meeting of the North America Pharmaceutical Association (NRPA), Connecticut, 1990.
24. Monthly Scientific Seminars on the latest subjects in Pharmaceutical Sciences at College of Pharmacy, Dept. of Pharmaceutics, Rhode Island University, USA. (1990-1991).
25. Conference of Pharmaceutical Sciences at Cairo (1981-1990).
26. The condensed workshop on Biopharmaceutics and Pharmacokinetics organized by the Pharmaceutical Society of Egypt, April 1984.

27. The scientific symposiums and seminars conducted at dept. of Pharmaceutics, Faculty of Pharmacy, Cairo University, 1983-1990.

***Presenting a lecture or a seminar in the following symposiums:***

1. "Parenteral Packages: Importance, Materials-Science and Forms" Through SCHOTT Pharma Symposium under the title of "Gals Manufacture and application in Pharmaceutical Packages" held at the JW Marriott, Cairo, March 18<sup>th</sup>, 2008.
2. Drug Nano-Particles: The future of the drug delivery systems" through the National Symposium around the Future of the Industries and the Application of Nanotechnology in the Arabic countries, Held by the Arabic Organization for the Development of Industries and Mining, at the Academy of Scientific Researches and Technology, 11-12 November 2008, Cairo, Egypt.
3. Drug Nano-Particles: The future of the drug delivery systems" through the 31<sup>st</sup> conference of the pharmaceutical sciences, organized by the Pharmaceutical Society of Egypt and held at Dar El Defaa Al Gawy, 23-25 December 2008, Cairo, Egypt.
4. "Stability studies: Basic kinetics calculations, Data analysis, and FDA Regulations" Through a symposium organized by Merel for the continuous education of pharmacist program, held at ADWIA Co., Jan. 2007.
5. "Design and analysis of industrial experiments" Through a symposium on basic statistical principles pertinent to the pharmaceutical industry, organized by CBiC, Medical Pharmaceutical development and consultation, September 2004.
6. "Natural Stimulants" Through the Six<sup>th</sup> Symposium of the research center at the Depts. of Science and Medical Studies for Women Students under the title of "Natural Materials, Advantages and Disadvantages", May 2001.
7. "Designing the Industrial Experiments" Through the scientific seminars conducted at the department of Pharmaceutics, College of Pharmacy, King Saud University, 1995 through 2001.
8. "Bioadhesive Polymers, a solution for bioavailability problems" Through the scientific seminars conducted at the department of Pharmaceutics, College of Pharmacy, King Saud University, 1995 through 2001.
9. "Artificial Cells and Hemoperfusion" Through the scientific seminars conducted at the department of Pharmaceutics, College of Pharmacy, King Saud University, 1995 through 2001.
10. "Statistics in Quality Control" Through a training program for pharmacists and allied health professionals under a title of Quality Assurance, organized by the Center for Applied Research and Advanced Studies, Faculty of Pharmacy Cairo University, April 1994.
11. "Factorial Design and Optimization" Through a training program for pharmacists and allied health professionals under a title of Statistical Applications in the Pharmaceutical Industry, organized by the Center for Applied Research and Advanced Studies, Faculty of Pharmacy Cairo University, November 1993.

***Research articles presented in conferences (with person presenting underlined):***

1. Fatma S. Abdel-Salam, Hussein O. Ammar, Seham A. Elkheshen and Azza A. Mahmoud, Anti-inflammatory sunscreen nanostructured lipid carrier formulations, The 4<sup>th</sup> FUE-ICPS, Jan 31<sup>st</sup> – Feb 2<sup>nd</sup> 2017, Abstract book: PDD-P-14, P 131. PDD-O-07, P 78.
2. Shymaa Hatem, Maha Nasr, Seham Elkheshen, Ahmed S. Genedi, Cosmeceutical vesicles for topical delivery, The 4<sup>th</sup> FUE-ICPS, Jan 31<sup>st</sup> – Feb 2<sup>nd</sup> 2017, Abstract book: PDD-P-14, P 131.
3. Rasha S.E. Elbatany, Mina Ibrahim Tadros , Seham A. Elkheshen, Formulation and pharmacokinetic evaluation of propranolol HCl modified release tablet for chronological drug delivery, The 4<sup>th</sup> FUE-ICPS, Jan 31<sup>st</sup> – Feb 2<sup>nd</sup> 2017, Abstract book: PDD-P-18, P 133.

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