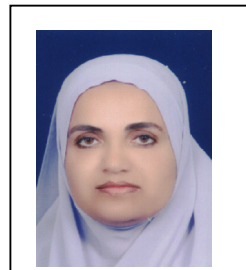


## Curriculum Vitae



Name	First	Middle	Family
	Seham	Abdelkhalik	Elkheshen
Title	Title		Department
	Professor		Pharmaceutics & Industrial Pharmacy
E-mail	s_elkheshen@yahoo.com		
Phone	Switch		extension
	02-23632245 / 02-23639307 / 02-2567457 / 02-23624917		

### Education

Most Recent Degree	Ph.D.
Title of Thesis	" A Study on Microcapsules as Biomedical Carriers "
Specialization	pharmaceutical sciences (Pharmaceutics)
University Attended	Faculty of pharmacy Cairo University, Egypt/ College of Pharmacy, State University of Rhode Island, USA.
Year	1987 – 1992

### Experience

#### A. Teaching Experience

	Course Title	Course Code	University	Academic years
Undergraduate Courses	-Pharmaceutics (3)	107	Cairo	Third year
	-Physical Pharmacy	102	Cairo	First year
	-Pharmaceutical Dosage Forms (2)	PT505	Cairo	Third year - Clinical
	- Pharmaceutical calculations and solutions	PHT- 251	King Saud	
	- Heterogeneous dosage forms and drug stability	PHT- 252	King Saud	
	- Sterile dosage forms	PHT- 351	King Saud	
	- Dispensing medications-II	PHT- 452	King Saud	
	- Quality control for pharmaceutical dosage forms	PHT- 463	King Saud	



	<ul style="list-style-type: none"> <li>- Selective topics in pharmaceuticals, Microcapsules as carrier of drugs</li> <li>- Pharmaceutical history</li> <li>- Physical Pharmacy</li> <li>- Pharmaceutics-1</li> <li>- Kinetics and Good Storage Conditions</li> <li>- Pharmaceutics-II, Liquid Dosage Forms</li> <li>- Pharmaceutical Technology-I (Sterile Dosage Forms and Drug Stability)</li> </ul>	<p>PHT- 493</p> <p>PHT- 271</p> <p>PHT 111</p> <p>PHT 213</p> <p>PHT 421</p> <p>PHTC 411</p> <p>PHTC 732</p>	<p>King Saud</p> <p>King Saud</p> <p>MIU</p> <p>MIU</p> <p>MIU</p> <p>GUC</p> <p>GUC</p>	
<p><b>Postgraduate Courses</b></p>	<p>1- Physical pharmacy and pharmaceutical dosage form (disperse system) practical labs. and related theories, for Diploma of Industrial Pharmacy</p> <p>2- Quality control testing of pharmaceutical dosage forms, practical labs. and related theories, for Diploma of Quality Control and Quality Assurance</p> <p>3- Statistics in quality control and designing the industrial experiments, for Diploma of Quality Control and Quality Assurance (20 hours per year)</p> <p>4- Packaging the Pharmaceutical Dosage Forms for Diploma of Cosmetics (12 hours per years)</p> <p>5- Solid dosage forms, for Diploma of Industrial Pharmacy (20 hours per</p>		<p>Cairo</p> <p>Cairo</p> <p>Cairo</p> <p>Cairo</p>	



	years) 6- Kinetics and drug stability for M. Sc. Students (24 hours per year)		Cairo	
	1- Kinetics and drug stability for M. Sc. Students		King Saud	
	2- Quality assurance of pharmaceutical dosage forms, for M. Sc. Students		King Saud	
	3- Seminar course for M. Sc students		King Saud	
	1- Kinetics and drug stability for M. Sc. Students (24 hours per year).		Ain Shams	
	2- Advanced studies in stability of solution, disperse-systems and solid dosage forms for Ph.D. students. (24 hours per year)		Ain Shams	

## B. Professional Experience

	Title	Location	Years
1-	Pharmacist	National Research Center, Cairo, Egypt	1981 – 1983
2-	Teaching assistant, Faculty of Pharmacy.	Cairo University	1983 – 1987
3-	Assistant Lecturer, Faculty of Pharmacy .	Cairo University	1987 – 1992
4-	1990 - 1991 Teaching assistant and researcher assistant, College of Pharmacy.	University of Rhode Island, , Rhode Island, USA	1990 – 1991
5-	Assistant professor of Pharmaceutics, Faculty of	Cairo	1992 – 1995



Pharmacy.	University	
6-Assistant professor of Pharmaceutics, College of Pharmacy.	King Saud University, Riyadh, Saudi Arabia	1995 – 1998
7-Associate professor of Pharmaceutics, College of Pharmacy.	King Saud University, Riyadh, Saudi Arabia	1998 – 2001
8- Associate professor of Pharmaceutics and Industrial Pharmacy, Faculty of Pharmacy.	Cairo University	2001 – 2003
9-Associate professor of Pharmaceutics and Industrial Pharmacy (Part time), Faculty of Pharmacy.	Misr International University (MIU), Cairo, Egypt.	2001 – 2003
10-Professor of Pharmaceutics and Industrial Pharmacy, Faculty of Pharmacy.	Cairo University	2003- Present
11-Professor of Pharmaceutics and Industrial Pharmacy (Part time), Faculty of Pharmacy.	(MIU), Cairo, Egypt	2003- 2005
12-Consultant and principle investigator of the bioavailability and bioequivalence center .	the National Organization for Drug Control and Research "NODCAR"	2004- 2005
13-Professor of Pharmaceutics and Industrial Pharmacy (Part time), Faculty of Pharmacy,.	German University In Cairo (GUC), Cairo, Egypt	2006- 2008
14- Vice Dean for Education and Students' affairs in Faculty of Pharmacy	Cairo University	August, 2009- Present

## Publications and Presentations

Title	Name of Journal/Conference	Year	Volume /Page
<b>A. Publications:</b>			
1- In Vitro and In-Vivo Availability of Paracetamol from Different Commercial Tablets in Egypt.	<i>Bull. Fac. Pharm. Cairo Univ.,</i>	1991	29(3), 27
2. Correlation of In-Vitro and in-Vivo Availability of Indomethacin from Different Dosage Forms.	<i>Proceedings of XXII Conference of Pharmaceutical Sciences .</i>	1991	P. 30 – 54
3. In-Vitro In-Vivo Correlation of Paracetamol Availability from Suppositories as a Function of the Technique Used.	<i>Proceedings of XXII Conference of Pharmaceutical Sciences.</i>	1991	P. 54 – 84
4. Coating Charcoal with Polyacrylate-polymethacrylate Copolymer for Hemoperfusion. I: Fabrication and Evaluation.	<i>J. Microencapsulation.</i>	1992	9 (1), 41 – 51
5. Coating Charcoal with Polyacrylate-polymethacrylate Copolymer for Hemoperfusion. II: Drug Removal and Polymer Compatibility Studies.	<i>J. Microencapsulation.</i>	1994	11 (1), 3 – 10
6-Coating Charcoal with Polyacrylate-polymethacrylate Copolymer for Hemoperfusion. III: Effect of Coat Thickness on Adsorption Capacity and Adsorptivity for Drugs of Different Molecular Sizes.	<i>J. Microencapsulation.</i>	1995	12 (5), 505-514
7. Optimization of a Reconstitutable Suspension of Rifampicin Using 2 <sup>4</sup> factorial design.	<i>Drug Dev. and Ind. Pharm.</i>	1996	22(7), 623-630
8. Simplex Lattice Design for the	<i>J.</i>	1996	13(4),447-462



Optimization of the Microencapsulation of Water Soluble Drug Using Poly (lactic acid) and Poly (lactide-co-glycolide) copolymer.	<i>Microencapsulation.</i>		
9. Effect of Oxyethylene Chain Length of the Surfactant on the Formation of the Microemulsion.	<i>Bull. Fac. Pharm. Cairo Univ.</i>	1996	34(1), 159-9-164
10. The Application of Experimental Designs in Studying the Availability of Griseofulvin from Tablet Dosage Forms.	<i>Bull. Fac. Pharm. Cairo Univ.</i>	1996	34 (2), 161-167
11. Agreement Between Pooled Sample Technique and Trapezoidal Rule in Determining the Bioequivalence of Certain Metronidazole Tablets.	<i>Bull. Fac. Pharm. Cairo Univ,</i>	1996	34(3), 203-208
12. Factorial Design and Computer Optimization of a Reconstitutable Suspension of Erythromycin Ethylsuccinate.	<i>Pharm. Ind.,</i>	1997	59, 439- 443
13. Bioadhesive Matrix as Controlled Release Dosage Form for Verapamil Hydrochloride: The Effect of the Types and Percentages of Polymers on the Release Profile of the Drug.	<i>Pharm. Ind.</i>	1998	60, 555- 559
14. Bioadhesive Matrix as Controlled Release Dosage Form for Verapamil Hydrochloride: The Effect of Mixing Polymers on the Water Uptake of the Matrix and the Drug Release Rate Using Simplex Lattice Design.	<i>Pharm. Ind.</i>	1999	61, 666- 672,
15. Sustained release microspheres of metoclopramide using poly (D, L-lactide-co-glycolide) copolymers.	<i>J. Microencapsulation.</i>	2000	17, 425-435
16- Interaction of verapamil hydrochloride with Carbopol 934P and its effect on the release rate of	<i>Drug Dev. and Ind. Pharm.</i>	2001	27 (9) 327-336



the drug and the water uptake of the polymer matrix.			
17. Preparation and physicochemical characterization of solid dispersions of piroxicam with phospholipids.	<i>Bull. Fac. Pharm. Cairo Univ.</i>	2001	39,299-307
18. Enhancement of dissolution and bioavailability of piroxicam via solid dispersion with phospholipids.	<i>Bull. Fac. Pharm. Cairo Univ.</i>	2001	39, 309-319
19. Inclusion Complexes of Piroxicam with $\beta$ -Cyclodextrin-Derivatives in Comparison with the Natural $\beta$ -Cyclodextrin: Preparation and Physicochemical Characterization.	<i>Pharm. Ind.</i>	2002	64, 612-620
20. Inclusion Complexes of Piroxicam with $\beta$ -Cyclodextrin Derivatives in Comparison with the Natural $\beta$ -cyclodextrin: <i>In-vitro</i> and <i>in vivo</i> drug availability.	<i>Pharm. Ind.</i>	2002	64,708-715
21. Bioadhesive Vaginal Insert of Prostaglandin E2 for Induction of Labor in Comparison with a Commercial Vaginal Tablet.	<i>Bull. Fac. Pharm. Cairo Univ.</i>	2002	40, 31-42
22. Buccoadhesive Tablets for Insulin Delivery: <i>In-vitro</i> and <i>In-vivo</i> Studies.	<i>Bollettino Chimico Farmaceutico,</i>	2002	141, 210-217
23. Preparation and In-Vitro Evaluation of a New Gastro-Retentive Extended-Release Verapamil HCl Tablet using some Bioadhesive Polymers.	<i>Bull. Fac. Pharm. Cairo Univ.</i>	2003	41, 133-141
24. Per-Oral Extended Release Bioadhesive Tablet Formulation of Verapamil HCl.	<i>Boll. Chim. Farmac.</i>	2003	142, 226-231
25. Intra-Gastric Performance and Bioavailability study of a new per-oral Bioadhesive Verapamil HCl Matrix Tablet in dogs.	<i>Boll. Chim. Farmac.</i>	2003	142, 285-289



26. In- vitro and In- vivo Evaluation of Floating Controlled Release Dosage Forms of Verapamil Hydrochloride.	<i>Pharm. Ind.</i>	2004	66, 1364-1374
27. A Novel Approach to the preparation and Scale up production of Pentoxifylline controlled Release Tablets I:Preparation and Evaluation.	<i>World Congress of Pharmacy and Pharmaceutical Sciences, 65th congress of FIP, Cairo</i>	2005	<i>Abstract Book ISP-P-28.</i>
28. A Novel Approach to the preparation and Scale up production of Pentoxifylline controlled Release Tablets II:Bioequivalence Studies.	<i>World Congress of Pharmacy and Pharmaceutical Sciences, 65th congress of FIP, Cairo</i>	2005	<i>Abstract Book BB-P-20.</i>
29. Formulation, Pharmacokinetics and Clinical Evaluation of Nicardipin Hydrochloride Sustained Release Floating Tablets.	<i>World Congress of Pharmacy and Pharmaceutical Sciences, 65th congress of FIP, Cairo</i>	2005	<i>Abstract Book ISP-P-30.</i>
30. <i>In vitro</i> and <i>In vivo</i> Evaluation of Controlled Release Buccoadhesive Desks of Timolol Maleate.	<i>Egypt. J. Biomed. Sci.</i>	2007	23, 196-217
31. Inclusion complexes of tadalafil with natural and chemically modified beta cyclodextrins - I: Preparation and <i>in-vitro</i> evaluation.	<i>European Journal of Pharmaceutics and Biopharmaceutics</i>	2008	70, 819-827
32. Enhancement of solubility and dissolution of simvastatin via complexation with cyclodextrins and co-precipitation with phospholipids.	<i>Conference of Pharmaceutical Sciences, Cairo, Egypt</i>	2008	<i>Abstract Book: PT-15.</i>
33. Formulation and <i>in-vitro/in-vivo</i>	<i>Conference of Pharmaceutical</i>	2008	<i>Abstract Book:</i>





evaluation of directly compressed tablets containing simvastatin inclusion complexes with cyclodextrins and co-precipitates with phospholipids.	<i>Sciences, Cairo, Egypt</i>		PT-16.
34. Inclusion complexes of tadalafil with natural and chemically modified beta cyclodextrins - II: Tablet Formulation and <i>In-vivo</i> Evaluation.	XXXI <i>Conference of Pharmaceutical Sciences, Cairo, Egypt</i>	2008	
35- Enhancement of dissolution and bioavailability of tadalafil via formulation of surfactant-enriched Tablets.	XXXI <i>Conference of Pharmaceutical Sciences, Cairo, Egypt</i>	2008	
<b><u>B. Research articles presented in conferences:</u></b>			
1. Coating Charcoal with Polyacrylate-polymethacrylate Copolymer for Hemoperfusion,	51 International Congress of Pharmaceutical Sciences, <i>F.I.P. 1991 Washington, DC.</i>	1991	<i>Abstract Book CS-123, 3P-SPT-007.</i>
2. Correlation of <i>invitro</i> and <i>in-vivo</i> Availability of Indomethacin from Different Dosage Forms.	XXII <i>Conference of Pharmaceutical Sciences.</i>	1991	<i>Abstract Book, P 31, B-1</i>
3. In-Vitro in-Vivo Correlation of Paracetamol Availability from Suppositories as a Function of the Technique Used.	XXII <i>Conference of Pharmaceutical Sciences .</i>	1991	<i>Abstract Book, P 43, B-13</i>
4. Coating Charcoal with Polyacrylate-polymethacrylate Copolymer for Hemoperfusion. II: drug removal and polymer compatibility studies.	Conference of The American Association of Pharmaceutical Scientists (AAPS 1992)	1992	<i>Abstract Book Vol. 9(10) S-89, CS 3011</i>



	<p>5. Optimization of a Reconstitutable Suspension of Rifampicin Using 2<sup>4</sup> factorial design.</p>	<p><i>XXIV Conference of Pharmaceutical Sciences, Cairo Egypt.</i></p>	<p>1994</p>	<p><i>Abstract Book P-15, PT-13</i></p>
	<p>6. The Application of Simplex Lattice Design for the Optimization of the Encapsulation of Water Soluble Drug Using Poly -Lactic and Poly-Lactide Co-Glycolide.</p>	<p><i>XXIV Conference of Pharmaceutical Sciences, Cairo, Egypt.</i></p>	<p>1994</p>	<p><i>Abstract Book P-18, PT-16</i></p>
	<p>7. Sustained Release Microspheres of Metoclopramide Using poly (D, L-lactide-co-glycolide) Copolymers.</p>	<p><i>The 5th International Saudi Pharmacy Conference, Riyadh, Saudi Arabia.</i></p>	<p>1999</p>	<p><i>Abstract Book PS-17</i></p>
	<p>8. Bioadhesive Vaginal Insert of Prostaglandin E2 for Induction of Labor in Comparison with a Commercial Vaginal Tablet.</p>	<p><i>The 6th Scientific Conference on Quality Control of Drug, Vaccines and Natural Products, Cairo.</i></p>	<p>March 2002</p>	<p><i>Abstract Book P-9</i></p>
	<p>9. Buccoadhesive Tablets for Insulin Delivery: The Effect of Different Adhesive Polymers and Absorption Promoters on the Rate of Water Uptake, Force and Duration of Mucoadhesion and Plasma Glucose Level of Diabetic Beagle Dog.</p>	<p><i>6<sup>th</sup> Scientific Conference on Quality Control of Drugs, Vaccines and Natural Products, Cairo.</i></p>	<p>March 2002</p>	<p><i>Abstract Book P-10</i></p>
	<p>10. In-vitro and In-vivo Evaluation of Oral Sustained Release Floating Dosage Forms of Nicardipin Hydrochloride.</p>	<p><i>The 7<sup>th</sup> Scientific Conference on Quality Control</i></p>	<p>March 2004</p>	<p><i>Abstract Book P-12</i></p>



		<i>of Drugs, Vaccines and Natural Products, Cairo.</i>		
11. A Novel Approach to the preparation and Scale up production of Pentoxifylline controlled Release Tablets I:Preparation and Evaluation.		<i>The World Congress of Pharmacy and Pharmaceutical Sciences, 65<sup>th</sup> congress of FIP, Cairo.</i>	2005	<i>Abstract Book ISP-P-28</i>
12. A Novel Approach to the preparation and Scale up production of Pentoxifylline controlled Release Tablets II:Bioequivalence Studies.		<i>World Congress of Pharmacy and Pharmaceutical Sciences, 65<sup>th</sup> congress of FIP, Cairo.</i>	2005	<i>Abstract Book BB-P-20</i>
13. Formulation, Pharmacokinetics and Clinical Evaluation of Nicardipin Hydrochloride Sustained Release Floating Tablets.		<i>World Congress of Pharmacy and Pharmaceutical Sciences, 65<sup>th</sup> congress of FIP, Cairo.</i>	2005	<i>Abstract Book ISP-P-30</i>
14. Enhancement of solubility and dissolution of simvastatin via complexation with cyclodextrins and co-precipitation with phospholipids.		<i>XXXI Conference of Pharmaceutical Sciences, Cairo, Egypt.</i>	2008	<i>Abstract Book: PT-15</i>
15. Formulation and <i>in-vitro/in-vivo</i> evaluation of directly compressed tablets containing simvastatin inclusion complexes with cyclodextrins and co-precipitates with phospholipids.		<i>XXXI Conference of Pharmaceutical Sciences, Cairo, Egypt.</i>	2008	<i>Abstract Book: PT-16</i>
16. Enhancement of dissolution and bioavailability of tadalafil via formulation of surfactant-enriched Tablets.		<i>XXXI Conference of Pharmaceutical Sciences, Cairo,</i>	2008	<i>Abstract Book: PT-17</i>



	<p>17. Inclusion complexes of tadalafil with natural and chemically modified beta cyclodextrins - II: Tablet Formulation and <i>In-vitro/ In-vivo</i> Evaluation.</p> <p><b><u>C. Presenting a lecture or a seminar in the following symposiums:</u></b></p> <p>1. "<i>Factorial Design and Optimization</i>" Through a training program for pharmacists and allied health professionals under a title of Statistical Applications in the Pharmaceutical Industry</p> <p>2. "<i>Statistics in Quality Control</i>" Through a training program for pharmacists and allied health professionals under a title of Quality Assurance</p> <p>3. "<i>Artificial Cells and Hemoperfusion</i>"</p> <p>4. "<i>Bioadhesive Polymers, a solution for bioavailability problems</i>"</p>	<p><i>Egypt.</i></p> <p>XXXI <i>Conference of Pharmaceutical Sciences, Cairo, Egypt.</i></p> <p>Organized by the Center for Applied Research and Advanced Studies, Faculty of Pharmacy Cairo University.</p> <p>Center for Applied Research and Advanced Studies, Faculty of Pharmacy Cairo University.</p> <p>Scientific seminars conducted at the department of Pharmaceutics, College of Pharmacy, King Saud University.</p> <p>Scientific seminars conducted at the department of Pharmaceutics, College of</p>	<p>2008</p> <p>November 1993</p> <p>April 1994</p> <p>December 1995</p> <p>October 1996</p>	<p><i>Abstract Book: PT-18</i></p>
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	<p>5. <i>"Designing the Industrial Experiments"</i></p>	<p>Pharmacy, King Saud University.</p> <p>Seminars conducted at the department of Pharmaceutics, College of Pharmacy, King Saud University.</p>	<p>March 1998</p>	
	<p>6. <i>"Natural Stimulants"</i></p>	<p>Sixth 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 "</p>	<p>May 2001</p>	
	<p>7. <i>"Design and analysis of industrial experiments"</i></p>	<p>A symposium on basic statistical principles pertinent to the pharmaceutica l industry, organized by CBiC, Medical Pharmaceutica l development and</p>	<p>September 2004</p>	



	<p>8. <i>"Stability studies: Basic kinetics calculations, Data analysis, and FDA Regulations"</i></p>	<p>consultation.</p> <p>"A Symposium organized by Merel for the continuous education of pharmacist program, held at ADWIA Co.</p>	<p>Jan. 2007</p>	
	<p>9. <i>"Parenteral Packages: Importance, Materials-Science and Forms"</i></p>	<p>SCHOTT Pharma Symposium under the title of "Gals Manufacture and application in Pharmaceutica l Packages" held at the JW Marriott, Cairo.</p>	<p>March 18th , 2008</p>	
	<p>10. Drug Nano-Particles: The future of the drug delivery systems"</p>	<p>National Symposium around the Future of the Industries and the Application of Nano-technology in the Arabic countries, Held by the Arabic Organization for the Development of Industries and Mining, at the Academy of Scientific Researches and Technology,</p>	<p>11-12 November 2008</p>	



	11. Drug Nano-Particles: The future of the drug delivery systems"	Cairo, Egypt.  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, Cairo, Egypt.	23-25 December 2008	
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### Awards

	Name	Year
	Best Thesis supervision from king Saud University	2001

### Memberships

	Name	Year
	<ol style="list-style-type: none"> <li>1. Egyptian Syndicate of Pharmacist.</li> <li>2. The Pharmaceutical Society of Egypt.</li> <li>3. American Association of Pharmaceutical Scientists (AAPS).</li> <li>4. Syndicate of Pharmacists of Cairo Governorate.</li> <li>5. Staff Members Club of Cairo University.</li> <li>6. Egyptian Pharmacists Club.</li> </ol>	<p>since 1981 since 1983 1992-1994 and 1997, 1999 since 1981 since 1983 since 1991</p>
	<b><u>Committee service:</u></b>	
	<b><u>A. At Faculty of Pharmacy Cairo University:</u></b>	
	1. Assistance in the internal committee of the department for inspection of the chemicals and equipment for students and research.	1983-1990
	2. Assistance in the faculty committee of purchasing, chemicals and Glass: by planning the chemical and glass wear requirements of the department of pharmaceuticals for a new school year and deciding on the supplying companies.	1992-1995
	3. Creating an internal committee in the department of pharmaceuticals for repairing equipment in the department by self efforts.	1992-1995
	4. Member of the faculty committee of laboratory requirements for planning the department requirements of chemicals, glassware and equipment, making decision on the supplying company and supervising the inspection committee.	2004-2009



5. Member of the Council of Faculty of pharmacy, Cairo University.	2004/2005 & 2007/2008
<b><u>B. At College of Pharmacy King Saud University:</u></b>	
1. Planning the department requirements of chemicals, glass ware and equipment through the membership of the committee of the laboratories requirements.	1996
2. Making the interviews for the applicants for joining the postgraduate program through the membership of the committee of postgraduate,	1997
3. Supervising the preparation of seminars for the society service through the membership of the committee of society service,	1998
4. Distributing the teaching loads for stuff and technician through membership of the academic committee.	1999
5. Supervising the research requirements and achievements at the department though the membership of the scientific research committee.	2000

### Attended Workshops

Name	Year
<b><u>Attending symposiums, seminars and conferences:</u></b>	
1. The scientific symposiums and seminars conducted at dept. of Pharmaceutics, Faculty of Pharmacy, Cairo University.	1983-1990
2. The condensed workshop on Biopharmaceutics and Pharmacokinetics organized by the Pharmaceutical Society of Egypt.	April 1984
3. Conference of Pharmaceutical Sciences at Cairo.	1981-1990
4. Monthly Scientific Seminars on the latest subjects in Pharmaceutical Sciences at Collage of Pharmacy, Dept. of Pharmaceutics, Rhode Island University, USA.	1990-1991
5. The Annual meeting of the North America Pharmaceutical Association (NRPA), Connecticut.	1990
6. International Congress of Pharmaceutical Sciences (F.I.P.), Washington, DC.	1991
7. The training programs for Pharmacists and Allied Heath Professionals, organized by the Center of Applied Research and Advanced Studies, Faculty of Pharmacy Cairo University:	November 1993 April 1994
a. under the title of Statistical Applications in the Pharmaceutical Industry.	
b. under the title of Quality Assurance	





<p><b>8.</b> 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:</p> <p>a. Towards Better Childhood b. Diet in Health and Illness c. Youth Between Present and Future d. Natural Materials, Advantages &amp; Disadvantages</p>	<p>4-7/7/1416 H 17-20/6/1417 H 23-26/12/1418H 1-3/1/1422 H</p>
<p><b>9.</b> Monthly Scientific Seminars at College of Pharmacy, Dept. of Pharmaceutics, King Saud University, KSA.</p>	<p>1995-2001</p>
<p><b>10.</b> The symposiums organized by King Khalid University Hospital at King Saud University under the title of:</p> <p>a. The hereditary diseases in the Arabic world b. Workshop on the human molecular hereditary</p>	<p>23-25/7/1418H 27/7/1418H</p>
<p><b>11.</b> The 5<sup>th</sup> International Saudi Pharmacy Conference, Riyadh, Saudi Arabia.</p>	<p>1999</p>
<p><b>12.</b> The 6th Scientific Conference for Quality Control of Drug, Vaccines and Natural Products, Cairo.</p>	<p>March 2002</p>
<p><b>13.</b> The 7th Scientific Conference on Quality Control of Drug, Vaccines and Natural Products, Cairo.</p>	<p>March 2004</p>
<p><b>14.</b> A symposium on basic statistical principles pertinent to the pharmaceutical industry, organized by CBiC, Medical Pharmaceutical development and consultation.</p>	<p>September 2004</p>
<p><b>15.</b> International Congress of Pharmaceutical Sciences (F.I.P.), Cairo, Egypt.</p>	<p>March 2005</p>
<p><b>16.</b> SCHOTT Pharma Symposium under the title of "Gals Manufacture and application in Pharmaceutical Packages" held at the JW Marriott, Cairo, Egypt.</p>	<p>March 18<sup>th</sup>, 2008</p>
<p><b>17.</b> 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, Cairo, Egypt.</p>	<p>11-12 November 2008</p>
<p><b>18.</b> 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, Cairo, Egypt.</p>	<p>16-18 December 2008</p>



	<b>19.</b> The 31 <sup>st</sup> Conference of Pharmaceutical Sciences, organized by the Pharmaceutical Society of Egypt and held at Dar El Defaa Al Gawy, Cairo, Egypt.	23-25 December 2008																						
<b>Funded Projects</b>																								
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<p><b>study</b>, comparing Rifampicin plasma level of Rifampin capsules, 300 mg, "Jedco International Pharmaceuticals Co." to Rimactane Capsules, 300 mg, "Biochemie"</p> <p><b>5. A Controlled two-way crossover bioequivalence study</b>, comparing progesterone plasma level of Utrocare capsules, 100 mg, "October Pharma"., Egypt to" Utrogestan Capsules, 100 mg, "Laboratoires Besins International".</p>	August 2005	October Pharma"., Egypt	36 thousands LE
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**Signature**

**Seham A. Elkheshen**  
**Prof. of Pharmaceutics and Industrial Pharmacy**