



Hassan Mahmoud Hassan Ghonaim:

POSITION: Associate Professor

Personal Data

Nationality | Egyptian

Date of Birth | 25/4/1973

Department | Pharmaceutics

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Language Proficiency

Language	Read	Write	Speak
Arabic	Excellent	Excellent	Excellent
English	Excellent	Excellent	Excellent
Others			

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
2008	Ph.D.	Bath University	Bath, UK.
2002	Master	Suez Canal University	Ismailia, Egypt
1995	BSc	Cairo University	Cairo, Egypt

PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)

PhD	Design and development of pharmaceutical dosage forms for gene and siRNA delivery
Master	characterization of paracetamol tablets using different excipients
Fellowship	Interaction of Oils with Skin & Model Membrane



Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work		Date
Associate Professor		Department of Pharmaceutics, Faculty of Pharmacy, Suez Canal University, Ismailia, Egypt	6/2014
Assistant Professor		Department of Pharmaceutics, Faculty of Pharmacy, Suez Canal University, Ismailia, Egypt	12/2008
Lecturer		Department of Pharmaceutics, Faculty of Pharmacy, Suez Canal University, Ismailia, Egypt	4/2003
Demonstrator		Department of Pharmaceutics, Faculty of Pharmacy, Helwan University, Cairo, Egypt	3/1997

Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date
Acting Vice Dean of Academic Affairs	Collage of Clinical Pharmacy, IAU	7/2017
Acting Head of Department	Department of Pharmaceutics, Collage of Clinical Pharmacy, IAU	9/2015
Acting Head of Department	Department of Pharmaceutics, Faculty of Pharmacy, Suez Canal University	6/2014

Scientific Achievements

Published Refereed Scientific Researches

(In Chronological Order Beginning with the Most Recent)

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
1	Hassan M. Ghonaim, Fatimah H. Alkhunaizi, Nouf M. Alhuwaiti	Formulation development and in-vitro comparative study of extended-release paracetamol tablets	IJIRSS. Vol. 8 No. 12 (2025) https://doi.org/10.53894/ijirss.v8i12.11092
2	Hassan M. Ghonaim ^{1*} , Munirah A. Alsaleh, and Saira Zahoor	Comparative Study of Metronidazole Tablets Marketed in Saudi Arabia	Dissolution Technologies May 2025 volume 32 issue 2 dx.doi.org/10.14227/DT320125PGC23
3	Saira Zahoor , Hajer Alghamdi , Mohammed S. Khalid , Hawra Al-Mubarak and Hassan M. Ghonaim	Comparative Study Of Brand And Generics Of Omeprazole Capsules Available In The Saudi Market	Int J Pharm Sci & Res 2023; 14(8): 1000-08. doi: 10.13040/IJPSR.0975-8232.14(8).1000-08.



4	Hassan M. Alsulais, Ali K. Alqaisum, Ahmed A. Aldoulah, Ashfaq A. Mohsin, and Hassan M. Ghonaim	Comparative Study Of Brand And Generics Ciprofloxacin Tablets Available In The Saudi Market	dx.doi.org/10.14227/DT300223PGC12 Dissolution Technologies <u>May 2023 volume 30 issue 2</u>
5	Y. Alshehry, H. M. Ghonaim , A. A. Mohsin	In-Vitro Evaluation of Brand and Generic of Meloxicam Tablets Available in Saudi Arabia	International Journal of Pharmacy and Pharmaceutical Research. 20 (3): 360-37 (2021).
6	Y. A. Alshehry*, H. M. Ghonaim, M. S. Khalid	Comparative Evaluation of the Analgesic Effect of Brand and Generics of Meloxicam tablets Available in markets	International Journal of Pharmaceutical & Phytopharmacological Research; 9(3):1- (2019)
7	M. Jafar, S. Ali and H. M. Ghonaim	Improved Solubility and Dissolution Rate of Ketoprofen by Beta Cyclodextrin Ternary Complexes Incorporating Hydrophilic Polymers	International Journal of Drug Delivery Technology, 7(1) (2017)
8	S. A. Swidan, H. M. Ghonaim , A. M. Samy and M. M. Ghorab	Efficacy and In Vitro Cytotoxicity of Nanostructured Lipid Carriers for Paclitaxel Delivery	Journal of Applied Pharmaceutical Science 6 (09), 018-026 (2016)
9	S. A. Swidan, H. M. Ghonaim , A. M. Samy and M. M. Ghorab	Comparative study of solid lipid nanoparticles and nanostructured lipid carriers for in vitro Paclitaxel delivery	journal of chemical and pharmaceutical research 8 (5), 482-493 (2016)
10	A. M. Nasr, A. R. Gardouh, H. M. Ghonaim and M. M. Ghorab,	Design, Formulation and In-Vitro Characterization of Irbesartan Solid Self-Nanoemulsifying Drug Delivery System (S-SNEDDS) Prepared Using Spray Drying Technique,	journal of chemical and pharmaceutical research 8 (2), 159-183 (2016).
11	A. Nasr, A. R. Gardouh, H. M. Ghonaim , E. Abdelghany and M. M. Ghorab	Effect of Oils, Surfactants and Cosurfactants on Phase Behavior and Physicochemical Properties of Self-Nanoemulsifying Drug Delivery System (Snedds) for Irbesartan and Olmesartan.	International Journal of Applied Pharmaceutics. 8(1) 12-24 (2016).
12	H. M. Ghonaim and I. S. Blagbrough.	Synthesis and Formulations of Lipid Aminoglycoside Conjugates: Nanoparticles for Efficient Gene and siRNA Delivery.	International Journal of Pharmacy and Pharmaceutical Sciences. 6(2) 153-157 (2014).
13	H. M. Ghonaim , N. Periasamy, M. G. Noro and J. Anwar	Towards a Simplified Model Membrane of Skin Lipids: Preparation and Characterisation of a Ternary Lipid Mixture.	International Journal of Pharmacy and Pharmaceutical Sciences. 6(2) 148-152 (2014).
14	H. M. Ghonaim , M. G. Noro and J. Anwar.	Effect of Natural Sunflower Oil and its Components on the Skin Permeability.	International Journal of Pharmacy and Pharmaceutical Sciences. 6 (2): 630-636 (2014).
15	P. A. Hanna, S. Gad, H. M. Ghonaim and M. M. Ghorab.	Optimization of Gabapentin Release and Targeting Absorption, Through Incorporation into Alginate Beads	. <i>Brit. J. Pharm. Res.</i> 3(4) :597-616(2013).



16	A. R. Gardouh, S. Gad, H. M. Ghonaim and M. M. Ghorab.	Design and Characterization of Glyceryl Monostearate Solid Lipid Nanoparticles Prepared by High Shear Homogenization.	<i>Brit. J. Pharm. Res.</i> 3(3) :326-346 (2013).
17	S. A. Swidan, H. M. Ghonaim , M. M. M. Ghorab and Ahmed M. Samy.	Design, Formulation and Evaluation of Piroxicam Capsules Prepared by Solid Dispersion Technique	<i>. Brit. J. Pharm. Res.</i> 3(1) :108-134 (2013).
18	I. S. Blagbrough, A. A. Metwally, and H. M Ghonaim.	Asymmetrical N ⁴ ,N ⁹ -Diacyl Spermines: SAR Studies of Non-Viral Lipopolyamine Vectors for Efficient siRNA Delivery with Silencing of EGFP Reporter Gene.	<i>Mol. Pharm.</i> 9(7) : 1853-1161 (2012).
19	H. M. Ghonaim , N. Periasamy, M. G. Noro and J. Anwar.	Preparation and characterisation of a simple 3-component model skin membrane.	<i>Inter. J. cosm. sci.</i> 34(4): 369-369 AUG (2012)
20	H. M. Ghonaim , N. Periasamy, M. G. Noro and J. Anwar.	Effect of oils and their components on the water permeability of the skin.	<i>Inter. J. cosm. sci.</i> 34(4): 369-369 AUG (2012)
21	H. M. Ghonaim , S. Li, and I. S. Blagbrough.	N ¹ ,N ¹² -Diacyl Spermines: SAR Studies on Non-Viral Lipopolyamine Vectors for Plasmid DNA and siRNA Formulation.	<i>Pharm. Res.</i> 26(1) :19-31 (2010).
22	H. M. Ghonaim , Yuxi Chen, and I. S. Blagbrough.	Self-assembled complex formulations of lipid-aminoglycoside conjugates: nanoparticles for efficient gene and siRNA delivery	<i>. J. Pharm. Pharmacol.</i> 62 :1295-1296 (2010).
23	H. M. Ghonaim , M. K. Soltan, and I. S. Blagbrough.	Heterocyclic N ⁴ ,N ⁹ -diacyl spermines: nanoparticles lipopolyamine vectors for efficient pDNA and siRNA delivery	<i>. J. Pharm. Pharmacol.</i> 62 :1276-1277 (2010).
24	M. K. Soltan, H. M. Ghonaim , M. El Sadek, M. Abou Kull, L. Abd El-aziz, and I. S. Blagbrough.	Design and synthesis of N ⁴ ,N ⁹ -disubstituted spermines for non-viral siRNA delivery - structure-activity relationship studies of siRNA efficiency versus toxicity.	<i>Pharm. Res.</i> 26 : 286-295 (2009).
25	H. M. Ghonaim , S. Li, and I. S. Blagbrough.	Very long chain N ⁴ ,N ⁹ -diacyl spermines: Non-viral lipopolyamine vectors for efficient plasmid DNA and siRNA delivery.	<i>Pharm. Res.</i> 26 : 19-31 (2009).
26	H. M. Ghonaim , S. Li, C. Pourzand, and I. S. Blagbrough.	Formulation and delivery of fluorescent siRNA by lipospermine nanoparticle complex formation.	<i>J. Pharm. Pharmacol.</i> 59 :A36-A37 (2007).
27	H. M. Ghonaim , S. Li, M. K. Soltan, C. Pourzand, and I. S. Blagbrough.	Chain length modulation in symmetrical lipopolyamines and the effect on nanoparticle formulations for gene delivery.	<i>J. Pharm. Pharmacol.</i> 59 :A36 (2007).
28	H. M. Ghonaim , S. Li, C. Pourzand, and I. S. Blagbrough.	Efficient novel unsymmetrical lipopolyamine formulations for gene delivery.	<i>J. Pharm. Pharmacol.</i> 59 :A37 (2007).



28	H. M. Ghonaim , S. Li, C. Pourzand, and I. S. Blagbrough.	Design of lipospermine non-viral gene delivery vectors for self-assembly DNA nanoparticle formulations.	<i>J. Pharm. Pharmacol.</i> 58 :A7 (2006).
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Refereed Scientific Research Papers Accepted for Publication

#	Name of Investigator(s)	Research Title	Journal	Acceptance Date

Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

#	Name of Investigator(s)	Research Title	Conference and Publication Date
1	Ghonaim H. M. , Al-Ramadan F, Al-Sadiq, Al-Nahhab R, Al-Ghamdi H& Zahoor S.	Comparative Study of Brand and Generic Products of Paracetamol Tablets Available in Saudi Market(POSTER)	SFDA Annual Conference (SFDAC 2017), Riyadh, KSA, September 25th-27th (2018).
2	Ghonaim H. M. , Al-Atiyah E., Al-Mubarak H.& Alismail S., Al-Ghamdi H & Zahoor S.	Comparative Study of Brand and Generics of Proton Pump Inhibitors (PPPI) Tablets Available in Saudi Market(POSTER)	SFDA Annual Conference (SFDAC 2017), Riyadh, KSA, September 25th-27th (2018).
3	Ghonaim H. M. , Zarea T., and AlGhamdi H.	Pharmaceutical Comparative Study of Brand and Generics Diclofenac Tablets in Saudi Arabia (POSTER)	SFDA Annual Conference (SFDAC 2017), Riyadh, KSA, November 7th-10th (2017).
4	Ghonaim H. M	Characterization of NLC prepared by Solvent Evaporation Technique for Transdermal Delivery (POSTER)	1 st International Conference of the Faculty of Pharmacy, Ain Shams University, Cairo, Egypt, October 14 th – 16 th (2014).
5	Ghonaim H. M	Preparation and Characterization of Nanostructured Lipid Carriers to Improve Anticancer Effect of Paclitaxel,	1 st International Conference of the Faculty of Pharmacy, Ain Shams University, Cairo, Egypt, October 14 th – 16 th (2014).
6	Ghonaim H. M	Factors Affecting Particle Size of NLC prepared by Solvent Evaporation Technique for Transdermal Delivery (POSTER),	UK-PharmSci 2014- The Science of Medicines, University of Hertfordshire, Hatfield, U.K., September 8 th -10 th (2014).
7	Ghonaim H. M	Preparation, Characterization and Evaluation of Anticancer Effect of Paclitaxel Nanostructured Lipid Carriers (POSTER),	UK-PharmSci 2014- The Science of Medicines, University of Hertfordshire, Hatfield, U.K., September 8 th -10 th (2014).
8	Ghonaim H. M	Preparation and characterisation of a simple 3-component model skin membrane (ORAL),	Stratum Corneum VII, Cardiff, U.K., September 10 th -12 th (2012).



9	Ghonaim H. M	Effect of oils and their components on the water permeability of the skin (POSTER),	Stratum Corneum VII, Cardiff, U.K., September 10 th -12 th (2012).
10	Ghonaim H. M	Heterocyclic <i>N</i> ⁴ , <i>N</i> ⁹ -Diacyl spermines: Nanoparticles Lipopolyamine Vectors for Efficient pDNA and siRNA Delivery (POSTER),	1. UK-PharmSci 2010- The Science of Medicines, Nottingham, U.K., September 1 st - 3 rd (2010).
11	Ghonaim H. M	Self-Assembled Complex Formulations of Lipid-Aminoglycoside Conjugates: Nanoparticles for Efficient Gene and siRNA Delivery (POSTER),	UK-PharmSci 2010- The Science of Medicines, Nottingham, U.K., September 1 st - 3 rd (2010).
12	Ghonaim H. M	Self-Assembly Non-Liposomal Lipospermine Nanoparticle Formulations For Efficient Non-Toxic siRNA Delivery (ORAL),	6 th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, Barcelona, Spain, April 7 th -10 th (PBP 2008).
13	Ghonaim H. M	Self-Assembled Complex Formulations of Lipid-Aminoglycoside Conjugates: Nanoparticles for Efficient Gene and siRNA Delivery (POSTER),	6 th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, Barcelona, Spain, April 7 th -10 th (PBP 2008).
14	Ghonaim H. M	Chain Length Modulation in Symmetrical Lipopolyamines and the effect on Nanoparticle Formulations for Gene Delivery (POSTER),	British Pharmaceutical Conference, Royal Pharmaceutical Society of Great Britain, Manchester, U.K., September 10 th -12 th (BPC 2007).
15	Ghonaim H. M	Efficient Novel Unsymmetrical Lipopolyamine Formulations for Gene Delivery (POSTER),	British Pharmaceutical Conference, Royal Pharmaceutical Society of Great Britain, Manchester, U.K., September 10 th -12 th (BPC 2007).
16	Ghonaim H. M	Formulation and Delivery of Fluorescent siRNA by Lipospermine Nanoparticle Complex Formation (POSTER),	British Pharmaceutical Conference, Royal Pharmaceutical Society of Great Britain, Manchester, U.K., September 10 th -12 th (BPC 2007).
17	Ghonaim H. M	Effect of Chain Length Modulation in Symmetrical Lipopolyamines on Nanoparticle Formulations for Gene Delivery (ORAL),	Pharmaceutical Sciences World Congress, Amsterdam, The Netherlands, April 22 nd -25 th (PSWC 2007).



18	<i>Ghonaim H. M</i>	Efficient Novel Unsymmetrical Lipopolyamine Formulations for Gene Delivery (POSTER),	Pharmaceutical Sciences World Congress, Amsterdam, The Netherlands, April 22 nd -25 th (PSWC 2007).
19	<i>Ghonaim H. M</i>	Formulation and Delivery of Fluorescent siRNA by Lipospermine Nanoparticle Complex Formation (POSTER),	Pharmaceutical Sciences World Congress, Amsterdam, The Netherlands, April 22 nd -25 th (PSWC 2007).
20	<i>Ghonaim H. M</i>	Efficient Novel Gene and siRNA Delivery by Designed Lipopolyamine Formulations (ORAL),	Roche Symposium for Leading Scientists of the Next Decade, Basel, Switzerland, March 14 th -16 th (2007).
21	<i>Ghonaim H. M</i>	Design of Lipospermine Non-Viral Gene Delivery Vectors for Self-Assembly DNA Nanoparticle Formulations (POSTER),	5 th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, Geneva, Switzerland, March 27 th -30 th , (PBP 2006).
22	<i>Ghonaim H. M</i>	Design of Lipospermine Non-Viral Gene Delivery Vectors for Self-Assembly DNA Nanoparticle Formulations (POSTER),	British Pharmaceutical Conference, Royal Pharmaceutical Society of Great Britain, Manchester, U.K., September 4 th -6 th (BPC 2006).

Completed Research Projects

#	Name of Investigator(s) (Supported by)	Research Title	Report Date

Current Researches

#	Research Title	Name of Investigator(s)

Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution



Membership of Scientific and Professional Societies and Organizations

- Pharmacists syndicate
- Scientific Council, IAU

Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Clinical Pharmacokinetics	CLPH 504	30 hrs
2	Drug Delivery Systems	PHCT 402	15 hrs
3	Industrial Pharmacy	PHCT 413	30 hrs
4	Biopharmaceutics and Pharmacokinetics	PHCT 412	15 hrs
5	Pharmaceutical Dosage Forms	PHCT 309	10 hrs
6	Physical Pharmacy	PHCT 207 / 206	30 hrs
7	Fundamental of Pharmaceutics	PHCT 202	15 hrs
8	Pharmaceutical Calculations	PHCT 210	30 hrs
9	Pharmaceutics 2	PHCT 403	5 hrs
10	Graduation Project	CLPH 507	6 hrs

Brief Description of Undergraduate Courses Taught: (Course Title – Code: Description)

Postgraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1			
2			

Brief Description of Postgraduate Courses Taught: (Course Title – Code: Description)

1	
2	

Course Coordination



#	Course Title and Code	Coordination	Co-coordination	Undergrad.	Postgrad.	From	To
1	Clinical Pharmacokinetics CLPH 504	Coordinator					
2	Industrial Pharmacy PHCT 413	Coordinator					
3	Physical Pharmacy PHCT 207	Coordinator					
4	Pharmaceutical Calculations PHCT 210	Coordinator					
5	Biopharmaceutics PHCT 412	Coordinator					

Guest/Invited Lectures for Undergraduate Students

#	Activity/Course Title and Code	Subject	College and University or Program	Date

Student Academic Supervision and Mentoring

#	Level	Number of Students	From	To
1	9 th & 10 th	6	9/2016	5/2017
2	9 th & 10 th	9	9/2017	5/2018
3	9 th & 10 th	1	9/2018	5/2019

Supervision of Undergraduate, Master and/or PhD Thesis

#	Degree Type	Title	Institution	Date
1	Graduation projects	3	COCP	24/25
2	Graduation projects	3	COCP	23/24
3	Graduation projects	3	COCP	21/22
4	Graduation projects	7	COCP	20/21
5	Graduation projects	6	COCP	19/20
6	Graduation projects	9	COCP	18/19
7	Graduation projects	6	COCP	17/18
8	Graduation projects	1	COCP	16/17

Ongoing Research Supervision



#	Degree Type	Title	Institution	Date

Administrative Responsibilities, Committee and Community Service (Beginning with the most recent)

Administrative Responsibilities

#	From	To	Position	Organization
	8/2017	4/2019	Acting Vice Dean for Academic Affairs	Collage of Clinical Pharmacy, IAU
	11/2016	11/2020	Member of the Scientific Council	Imam Abdulrahman Bin Faisal University
	9/2015	4/2019	Acting Head of Department of Pharmaceutics	Collage of Clinical Pharmacy, IAU
	7/2014	8/2015	Head of Department of Pharmaceutics	Collage of Pharmacy, SCU, Egypt

Committee Membership

#	From	To	Position	Organization
1	1/2020	Now	Head of community services committee	COCP
2	1/2020	Now	Head & member of student's activities unit	COCP
3	9/2019	Now	Member of curriculum committee	COCP

Scientific Consultations

#	From	To	Institute	Full-time or Part-time

Volunteer Work

#	From	To	Type of Volunteer	Organization
	2016	2024	320 hours	Social Bank, IAU



Recent grants and awards

1	
2	
3	

Personal Key Competencies and Skills: (Computer, Information technology, technical, etc.)

2	Statistical Package for Social Science, SPSS
3	NVivo 10 Qualitative data software
4	Microsoft office (e.g., Word, Excel, PowerPoint)
5	QuestionPro
6	Blackboard
7	Question Mark
8	Zoom and microsoft team
9	Drug information databases (e.g., Lexicomp)

Last Update

...20/10/2024