

Curriculum Vita

Name: Amal Hassan El-Kamel

Title: Professor

Nationality: Egyptian

Date of birth: June 20, 1962

Social status: Married

Address: First Albert street ,first Albert building (d) , Smouha, Alexandria, Egypt.

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H-index: 23

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Present employment: Head of the Department of Pharmaceutics, Faculty of Pharmacy, Alexandria, Egypt.

Field of specialization: Major: Pharmaceutics

Minor: Drug targeting & Drug delivery systems, Personalized drug delivery, Molecular pharmaceutics.

Academic Degrees:

B.A. /B.Sc.:

University: Alexandria College: Pharmacy

University Location (City/State/Country): Alexandria- Egypt

Date of obtaining Degree: June 1985

M.A./ M.Sc.:

University: Alexandria College: Pharmacy

University Location (City/State/Country): Alexandria- Egypt

Date of obtaining Degree: 31/10/1989

Title of Master's Thesis: A Study of Drug Interactions with Some Sugars in Liquid Formulations.

Ph.D. or (Fellowship):

Amal ElKamel

University: Alexandria under the joint channel system with The Ohio State University, Columbus, Ohio, USA and College of Pharmacy

Date of obtaining Degree: 28/2/1995

Title of Ph.D. Thesis:

Physico-Chemical and Biopharmaceutical Studies of Some Drug Carrier Systems.

Employment and Academic History

Employment History:

- 1) Professor in the Department of Pharmaceutics, Faculty of Pharmacy, University of Alexandria, 2009 till now.
- 2) Associate Professor in the Department of Pharmaceutics, Faculty of Pharmacy, University of Alexandria, April 2003 -2009.
- 3) Associate Professor in the Department of Pharmaceutics, Faculty of Pharmacy, King Saud University, 2004 - 2009.
- 4) Assistant Professor in the Department of Pharmaceutics, Faculty of Pharmacy, University of Alexandria from March 1995 to April 2003.
- 5) Assistant Professor in the Department of Pharmaceutics, Faculty of Pharmacy, King Saud University from January 2000 till March 2004.
- 6) Lecturer in the Department of Pharmaceutics, Faculty of Pharmacy, University of Alexandria from November 22/11/1989 to 27/3/1995.
- 7) Demonstrator in the Department of Pharmaceutics, Faculty of Pharmacy, University of Alexandria from 25/11/1985 to 21/11/1989.

Administrative Assignments:

- 1) Member in the Executive Board for New programs, College of Pharmacy, Alexandria University, 2023.
- 2) Director of Pharmacy Internship and Training Unit College of Pharmacy, Alexandria University, 2022.
- 3) Acting Dean of the College of Pharmacy, Alexandria University, October-November 2014.
- 4) Vice dean for graduate students and research, Faculty of Pharmacy, Alexandria University from September 2013 -2014.
- 5) Chairman of Department of Pharmaceutics, Faculty of Pharmacy, Alexandria University from August 2013 up till now
- 6) Vice dean for community service and environment development, Faculty of Pharmacy, Alexandria University from August 2012 -September 2013.

- 7) Executive manager of Pharmacy Service Unit, Faculty of Pharmacy, Alexandria University from January 2010- August 2011.
- 8) Member in the higher committee for Clinical Pharmacy Program, Faculty of Pharmacy, Alexandria University from 2008-2014
- 9) Coordinator of the Committee on Academic Affairs and Quality for Clinical Pharmacy Program, Faculty of Pharmacy, Alexandria University from 2012-2014
- 10) Vice Chairman of Department of Pharmaceutics, College of Pharmacy, King Saud University from 2002- 2006.
- 11) Supervision of research central laboratory, Faculty of Pharmacy, Alexandria University, from March 1999 till January 2000.
- 12) Member in "Pharmaceutical Service Unit" Faculty of Pharmacy, Alexandria University, from 1995-2000.

Scholarships and Awards

- 1) Assigned as one of the top 50 scientists in Alexandria University according to Alber-Doger Scientific index for international scientists 2022 based on H-index and citation metrics of google scholar database.
- 2) Assigned as one of the 74 scientists in the top 2% of the internationally distinguished scientists according to Elsevier platform in 2021.
- 3) One of Stanford university name list of the top 2% of the world's most cited scientist in various discipline 2020. [Updated science-wide author databases of standardized citationindicators.](#)
<https://journals.plos.org/plosbiology/article?id=10.1371/journal.pbio.3000918>
- 4) Candidate of Erasmus+ HE staff mobility agreement for training, Faculty of Pharmacy, Pisa University, Italy, January 2019.
- 5) Candidate of Erasmus+ HE staff mobility agreement for training, Faculty of Pharmacy, Pisa University, Italy, July 2018.
- 6) Prize of Alexandria University for Scientific Excellence, October 2017.
- 7) Prize of Alexandria University for Excellence Administrative Performance, 25/11/2014.
- 8) Joint channel system between College of Pharmacy Alexandria University and College of Pharmacy, The Ohio State University, Columbus, Ohio, USA, from 8/8/1992 to 7/8/1994.

Projects:

- 1) Coinvestigator in the project sponsored by ALEX-REP, Alexandria University. The project entitled “Setting up a cell culture laboratory for Alexandria University Medical Center” 2014.
- 2) Principle investigator in a project sponsored by Research Center, King Saud University, Women Students Medical Studies & Science Sections. The project entitled “*In vitro and in vivo evaluation of gatifloxacin biodegradable implants for treatment of experimental osteomyelitis*” 2004-2006.
- 3) Principle investigator in a project sponsored by Deanship of Scientific Research, King Saud University, Ministry of Higher Education, Kingdom of Saudi Arabia. The project entitled “*Development of oral colon targeted drug delivery systems using prodrug technology*” 2006-2008.
- 4) Principle investigator in a project sponsored by Research Center, King Saud University, Women Students Medical Studies & Science Sections. The project entitled “*Improvement of physicochemical and biopharmaceutical properties of flurbiprofen using melt sonocrystallization technique*” 2008.

Participation in Conferences

- 1) First Anglo-Egyptian Conference of Pharmaceutical Sciences, November, Alexandria, Egypt, 1988.
- 2) AAPS annual Meeting and Exposition, October, Seattle, USA, 1996.
- 3) XXVI Conference of Pharmaceutical Sciences, Cairo, Egypt, (8-10 December) 1998.
- 4) Alexandria Second International Conference of Pharmaceutical Science and Technology, Alexandria, Egypt, October 2000.
- 5) The 6th Saudi Pharmaceutical International Conference “Pharmacy Profession towards Patient Care” Saudi Pharmaceutical Society, Riyadh-Al Faisaliah Hotel, 6-9 October 2003.
- 6) The 9th International Pharmaceutical Sciences Conference and Exposition, King Saud University, Riyadh, Saudi Arabia, 17-21 December 2005.
- 7) The 7th International Saudi Pharmaceutical Society Conference, Al-Faisaliah Hotel, Riyadh, 19-21 March 2007.
- 8) 2nd Riyadh International Dental and Pharmacy Meeting, Intercontinental Hotel, Riyadh, Saudi Arabia, Nov. 2007.

- 9) The First International Conference on Drug Design & Discovery, world trade center, Dubai, UAE. Publication of two research posters, February 4-7, 2008.
- 10) Fourth International Conference for Development and Environment. " The balance between Development and Environment Conservation". 18-20 March 2008.
- 11) The international conference for nanotechnology industries, the leading technology of 21st century, Riyadh, Saudi Arabia, 5-7 April 2009.
- 12) 1st International Conference on Biotechnology (ICOB) Center of Excellence in Biotechnology Research, King Fahad Cultural Center, Riyadh, Saudi Arabia, 16-18 February 2009.
- 13) International Technology Incubation Forum. Four Seasons Hotel, Riyadh, Saudi Arabia, 16-17 March 2009.
- 14) First International conference on e-learning & Distance Learning, Riyadh-Al Faisaliah Hotel, Riyadh, Saudi Arabia, 17-18 March 2009.
- 15) The 32nd International Conference of Pharmaceutical Sciences. Conference centre, Cairo University, Cairo, Egypt و December 20-22, 2011.
- 16) 3rd International Conference of Faculty of Pharmacy, Cairo University "Good Pharmacy Practice" 25-26 April 2012.
- 17) 3rd FUE International Conference of Pharmaceutical Sciences, Intercontinental city stars, Cairo, February 9-11, 2015.
- 18) " المؤتمر السنوي لجامعة الاسكندرية "الصحة ابنة كل العلوم" Alexandria, Egypt 27-28 December 2012.
- 19) 4th Nano Today Conference , JW Marriott Marquis Hotel Dubai, UAE, December 6-10, 2015.poster
- 20) 1st PUA international conference on advances in pharmaceutical sciences Alexandria, Egypt, 27-29 October 2015
- 21) Biovision, New Life Sciences: The Road Ahead, Bibliotheca Alexandria, Alexandria, Egypt, 12-14 April 2016.
- 22) 8th international conference and exhibition on pharmaceutics and novel drug delivery systems, Madrid, Spain, March 7-9, 2016.
- 23) 4th FUE International Pharmaceutical Conference of Future University of Egypt (FUE IPC) Cairo , Egypt 31/1-2/2-2017.
- 24) BIT's 7th Annual World Symposium of Drug Delivery System-2017, Vienna House Diplomat, Prague, Czech Republic, 12-14 July- 2017.

25) 3rd International conference on traditional medicine, pharmacy and pharmaceutical sciences, Rome, Italy, 22-28 July-2019.

26) CRC Virtual Annual Meeting, June 29-July 2, 2020.

27) PHS 2020 Webinar, “Personalized medicine: A challenging health care model for human wellness”, 28-29 November 2020.

28) PHS Conference, Hilton, Alexandria, November, 2022.

Participation in Symposia and Workshops:

- 1) Sixth Symposium, Science Section & Medical Studies, Research Center, King Saud University, 2001.
- 2) Seventh Symposium, Modern Technology & its Impact on Man & the Environment. Science Section & Medical Studies, Research Center, King Saud University, 2002. Giving a lecture entitled "The use of biotechnology in treatment of diabetes.
- 3) Computer Aided Learning Programs for Teaching & Research. King Saud University, Riyadh, Saudi Arabia, April 2003.
- 4) “Applications of Computer-Based Technology in Teaching and Research” Faculty of Pharmacy, King Saud University, Riyadh, Saudi Arabia, April 2003
- 5) “Creating and Designing an Effective Scientific Poster Presentation” Faculty of Pharmacy, King Saud University, Riyadh, Saudi Arabia, May 2003.
- 6) Evidence Based Medicine, steps forwards. Ministry of Health & National Scientific Committee for EBM, Marriott Hotel, Riyadh, Saudi Arabia, Oct 2003.
- 7) Research Centre workshop on Scientific Research and Lab Equipment, King Saud University, Riyadh, Saudi Arabia. April, 2004.
- 8) Steps Towards Pharmaceutical Shiny Future, Saudi Pharmaceutical Association, Intercontinental Hotel, October 2004.
- 9) Workshop on “Creating an Effective Scientific Oral Presentation” Faculty of Pharmacy, King Saud University, Riyadh, Saudi Arabia, April 2005.
- 10) Alternative Medicine and Treatment by Herbs, King Fahd Culture Council, Riyadh, Saudi Arabia October 2005.
- 11) Workshop on Security and Safety, General Administration of Safety and Security, King Saud University, November 2006.
- 12) Workshop of Academic Assessment and Planning Centers, Prince Sultan University Accreditation Review Experience, Prince Sultan University, May 2007.

- 13) Workshop on “Nano Research at Universities. The Road Towards Fulfilling the Vision of the Custodian of the Two Holy Mosques”. King Saud University, Riyadh, Saudi Arabia, 28-29 October 2007.
- 14) International Establishment Workshop for the Excellence Center of Science & Mathematics Education (ECSME). Developing Science & Mathematics Education: Vision & International Partnership. King Saud University, Riyadh, Saudi Arabia, 13 January 2008.
- 15) Workshop on Pharmaceutical Manufacturing Science, Theory and Practice in Tablet Technology, Department of Pharmaceutics, King Saud University, Sheraton Hotel, Riyadh, Saudi Arabia, 26-27 February 2008.
- 16) Workshop on How to Use Science Direct and Scopus, King Saud University, Riyadh, Saudi Arabia, March 2008.
- 17) Acquainting Symposium on Technology Incubators, King Saud University, Riyadh, Saudi Arabia, March 2008.
- 18) Workshop on Chinese Experience in Nano Industry, sponsored by King Abdullah Institute for Nanotechnology, Riyadh, Saudi Arabia, May 2008.
- 19) Workshop on Universities Between International Ranking and Accreditation, King Saud University, Riyadh, Saudi Arabia, June 2008.
- 20) Workshop on Manufacturing and Studying Properties of silicon nanoparticles, presented by Prof. Monier Nayfa, university of Illinois, USA, sponsored by King Abdullah Institute for Nanotechnology, Riyadh, Saudi Arabia, June 2008.
- 21) Workshop on Updates in Sterile Compounding & Parenteral Nutrition, King Fahad Medical City, Academic Training Affairs, 21-22 June 2008.
- 22) Workshop on Pharmaceutical Manufacturing Science, Theory and Practice in Tablet Technology, Department of Pharmaceutics, King Saud University, Intercontinental Hotel, Riyadh, Saudi Arabia, 23-24 November 2008.
- 23) Open day on the distinguish research studies- King Abdullah Institute for Nanotechnology, Riyadh, Saudi Arabia, 23 December 2008.
- 24) Workshop on Quality management system ISO 9001-2000, Faculty of Pharmacy, King Saud University, Riyadh, Saudi Arabia, 21 January 2009.
- 25) Workshop on “New Trends in Sterile Dosage Forms” Department of Pharmaceutics, King Saud University, Riyadh, Saudi Arabia, 26-28 January 2009.
- 26) Workshop on” development academic programs for accreditation” King Saud University, Riyadh, Saudi Arabia, 31 January- 1 February 2009.

- 27) Riyadh Technology Incubation Center Workshop, King Saud University Riyadh, Saudi Arabia, 15 March 2009.
- 28) Workshop on “Course Portofolio and Evaluation” King Saud University Riyadh, Saudi Arabia, 14-15 March 2009., September 2009.
- 29) Workshop on “biomedical application of biodegradable polymers” Alexandria University and Royal Institute of Technology
- 30) Workshop on “Strategic plane of University” Alexandria University, November 2012.
- 31) Workshop on ‘Developing Institutional Internationalisation’ organized by The National Office of European Union Programs -Alexandria University, May 2018.
- 32) Workshop on “Assessment: the real driver for competency-based education in pharmacy”, Faculty of Pharmacy- Alexandria University, July 2018.
- 33) Workshop on “Moodle as learning management system” organized by ADIP, Alexandria University, 5-21 May, 2020.
- 34) Workshop on “Online teaching and assesment” organized by Medical Education Department, Faculty of Medicine, Alexandria University, 30-31 may 2020
- 35) Trainer in the workshop organized by Alexandria University entitled “Moodle as learning management system” 6-30 June, 2020.
- 36) ADIP online workshop “online learning” July- September 2020.
- 37) Workshop on “Questions bank for medical sector” organized by Measurement and Evaluation Center at the Higher Education Development Projects Management Unit, Alexandria University, April 2021.
- 38) Statistical analyses-question banks-electronic exams-the basics of measurement and Evaluation- building items. Organized by measurement and assessment center, Alexandria University, Egypt.. 27-30 September 2021
- 39) Pharmacy Mentoring & Preceptor Development Programme “Designing a Comprehensive Preceptor Development Programme” workshop held on the 31st of May 2022.
- 40) Pharmacy Mentoring & Preceptor Development Programme “Training Preceptors for Excellence workshop held on the 22nd of June 2022.
- 41) JOVE Workshop held on 11th of September 2022.
- 42) Pharmacy Mentoring & Preceptor Development, Designing a Comprehensive Preceptor Development Program, Egyptian Knowledge Bank, May-October 2022.

Membership of Scientific Associations

- 1) Controlled Release Society (CRS)
- 2) Pharmaceutical Society of Egypt.
- 3) Advisory board of Saudi Pharmaceutical Journal, April 2008.

Courses Attendance

- 1) "Molecular Technology in Nucleic Acid and Proteins", 45 hours in the institution of Graduate Studies and Research, University of Alexandria, March 7-11, 1999.
- 2) "New Trends in Teaching", 20 hours, Faculty and Leadership Development Center, University of Alexandria, 2005.
- 3) "Decision Making and Problem Solving", 20 hours, Faculty and Leadership Development Center, University of Alexandria, 2005.
- 4) "Teaching with Technology" 20 hours, Faculty and Leadership Development Center, University of Alexandria, 2007.
- 5) "Economics of Marketing and Funding Scientific Research" 20 hours, Faculty and Leadership Development Center, University of Alexandria, 2007.
- 6) "Research management" 20 hours, Faculty and Leadership Development Center, University of Alexandria, 2007.
- 7) "Teaching Evaluation" 20 hours, Faculty and Leadership Development Center, University of Alexandria, 2007.
- 8) "Active Learning in Large Classes", 6 hours, Deanship of Skills Development, King Saud University, Riyadh, Saudi Arabia, 26 April, 2008.
- 9) "Program of Self Development", 20 hours, Deanship of Skills Development, King Saud University, Riyadh, Saudi Arabia, 3-6 May, 2008.
- 10) "Writing High Quality MCQ Items" King Saud University, Riyadh, Saudi Arabia, 7 May, 2008.
- 11) "Planning for Effective Teaching", 20 hours, Deanship of Skills Development, King Saud University, Riyadh, Saudi Arabia, 17-20 May, 2008.
- 12) "Performance Management" 15 hours, Deanship of Skills Development, King Saud University, Riyadh, Saudi Arabia, 24-26 May, 2008.
- 13) "Use of Information & Communication Technology in Academic Teaching" 20 hours, Deanship of Skills Development, King Saud University, Riyadh, Saudi Arabia, 5/May-2/June, 2008.
- 14) "Test Construction" 10 hours, Deanship of Skills Development, King Saud University, Riyadh, Saudi Arabia, 8-10 November, 2008.

- 15) "Courseware Development" National Center for E-Learning and Distance Learning, Riyadh, Saudi Arabia, 17-19 November, 2008.
- 16) "Planning and Managing Active Learning" 24 hours, Deanship of Skills Development, King Saud University, Riyadh, Saudi Arabia, 29 November-1 December, 2008.
- 17) "Teaching Portfolio", 10 hours, Deanship of Skills Development, King Saud University, Riyadh, Saudi Arabia, 25-26 March, 2009.

University and Community Services:

- 1) Chief editor of "Journal of Advanced Pharmaceutical Sciences" that will be issued by Faculty of Pharmacy, Alexandria University.
- 2) Reviewer for the 5th Egyptian Pharmacopoeia -Egyptian drug authority 2022.
- 3) Vice dean for community service and environment development, Faculty of Pharmacy, Alexandria University from August 2012 -September 2013.
- 4) Vice dean for graduate students and research, Faculty of Pharmacy, Alexandria University from September 2013 -2014.
- 5) Member of graduate studies and research committee, Faculty of Pharmacy, Alexandria University from 2013 –up till now.
- 6) Participation in the organization of the Alexandria University Conference, 26-28/12/2012.
- 7) Executive manager of Pharmacy Service Unit, Faculty of Pharmacy, Alexandria University from January 2010- August 2011.
- 8) Vice chairman of the Department of Pharmaceutics, Faculty of Pharmacy, King Saud University (2002-2006).
- 9) Member of examination committee, Faculty of Pharmacy, King Saud University (2002-2007).
- 10) Head of annual report committee, Department of Pharmaceutics, Faculty of Pharmacy, King Saud University (2001-2002).
- 11) Member of annual report committee, Department of Pharmaceutics, Faculty of Pharmacy, King Saud University (2000-2001).
- 12) Member of academic committee, Department of Pharmaceutics, Faculty of Pharmacy, King Saud University (2001-2002).
- 13) Member of chemicals and instruments committee, Department of Pharmaceutics, Faculty of Pharmacy, King Saud University (2000-2001).

- 14) Member of teacher assistants and distinguished students committee, Department of Pharmaceutics, Faculty of Pharmacy, King Saud University (2000-2004).
- 15) Supervision of students of master and Ph.D. degrees, Department of Pharmaceutics, Faculty of Pharmacy, Alexandria University
- 16) Supervision of students of master's degree, Department of Pharmaceutics, Faculty of Pharmacy, King Saud University.
- 17) Participation in the activities of "Environment Day", women students-Medicinal studies & sciences sections, King Saud University, by giving a lecture entitled "Uranium and its effect on the surrounding environment", 2004.
- 18) Participation in organization of the 9th International Pharmaceutical Sciences Conference and Exposition, King Saud University, Riyadh, Saudi Arabia, 17-21 December 2005.
- 19) Head of scientific research committee, Department of Pharmaceutics, Faculty of Pharmacy, King Saud University (2006-2007).
- 20) Head of laboratory scientific equipment committee, Department of Pharmaceutics, Faculty of Pharmacy, King Saud University (2007-2008).
- 21) Member of designing of development strategies committee, Faculty of Pharmacy, King Saud University (2007-2008).
- 22) Member of scientific equipments and chemicals purchases committee, Faculty of Pharmacy, King Saud University (2007-2008).
- 23) Member of scientific research committee, Women Students-Medical Studies and Sciences Sections, Al-Malaz, King Saud University (2008-2009).

Teaching Experience

Several under and post graduate courses:

- 1) Calculations and pharmaceutical solutions.
- 2) Sterile dosage forms and products.
- 3) Research methods and Seminar.
- 4) Preformulation.
- 5) Physicochemical basis for design of pharmaceutical dosage forms.
- 6) Advanced Physical Pharmacy
- 7) Dispensing of medications II.
- 8) Design and formulation of dosage forms.

- 9) Dispersion systems and drug stability.
- 10) Advanced drug delivery systems.
- 11) Evaluation of pharmaceutical dosage forms.
- 12) Pharmaceutical quality control and good manufacturing practice.
- 13) Advanced biopharmaceutics & pharmacokinetics.
- 14) Solid Dosage Forms.
- 15) Clinical pharmacy.
- 16) Biomedical research technique in pharmaceutical research.
- 17) Microfluidics for drug delivery.
- 18) Skin care products.

Reviewer for Scientific Journals

- 1) AAPS Pharmaceutical Technology.
- 2) Journal of Pharmaceutical Sciences and Technology.
- 3) International Journal of Pharmaceutics.
- 4) Saudi Pharmaceutical Journal.
- 5) Pharmacological Research.
- 6) European Journal of Pharmaceutics and Biopharmaceutics.
- 7) African Journal of Pharmacy and Pharmacology.
- 8) Drug development and industrial pharmacy
- 9) IET Nanobiotechnology
- 10) Current Nanomedicine
- 11) International Journal of Nanomedicine
- 12) Journal of Microencapsulation

Postgraduate Student Thesis Supervision

- 1) Formulation and characterization of nanoparticles for management of neurological injury, Hagar Ibrahim Mansour Mohamed, Ph.D. in Pharmaceutics, Alexandria University (2023).
- 2) Design and evaluation of nano-drug delivery systems for improvement of antimicrobial therapy, Ahmed Mohamed Ibrahim Abdelhamid Youssef, Ph.D. in Pharmaceutics, Alexandria University (2022)
- 3) Development and evaluation of A lipid based drug delivery nanosystem for treatment of skin cancer” Bassant Samir El-Sayed, Master of Pharmaceutical Sciences, Alexandria University (2022).

- 4) “Design and evaluation of a selected biocompatible nanosystem for treatment of breast cancer” Sara Aly Abd Elsamea, Master of Pharmaceutical Sciences, Alexandria University (2021).
- 5) “Design of natural bioactive nanoparticles for herbal drug delivery in the treatment of a metabolic diseases” Mai Osama, Master of Pharmaceutical Sciences, Alexandria University (2021).
- 6) Development of bioinspired delivery systems for treatment of a selected genetic disease” Lubna Mohsen El Desoky, Ph.D. in Pharmaceutics, Alexandria University (August 2021).
- 7) “Formulation and evaluation of nano-based drug delivery systems for treatment of cervical cancer”, Alaa Mohamed Nazief, Ph.D. in Pharmaceutics, Alexandria University (June 2021).
- 8) “Development and evaluation of targeted nanocarriers loaded with a nutraceutical for treatment of some CNS disorders” Donia Hassan, Master of Pharmaceutical Sciences, Alexandria University (2020).
- 9) “Development of targeted nano-vesicular drug delivery system for treatment of some liver diseases” Maged Mohamed Hassan Kharouba, Master of Pharmaceutical Sciences, Alexandria University (2020).
- 10) “Design and assessment of nanoparticulate system(s) to alleviate symptoms of arthritis” Hager Ibrahim Mansour Mohamed, Master of Pharmaceutical Sciences, Alexandria University (2020).
- 11) “Development of nanosystems for treatment of antibiotic resistant microbial infection” Mohamed Hussien Zohdy, Master of Pharmaceutical Sciences, Alexandria University (2019).
- 12) “Improvement of Permeability of Some Selected Drugs through the Formulation of Lipid Nanosystems” : Mohamed Galal El-Shahat Mohamed El-Melegy, Master of Pharmaceutical Sciences, Alexandria University (2018).
- 13) “Targeted drug delivery for management of inflammatory bowel diseases”, Shymaa Sameh Said Abdelrahman, Master of Pharmaceutical Sciences, Alexandria University (2017).
- 14) “Development of nano-drug delivery systems for treatment of posterior ocular diseases” Salma EL-Sayed Ph.D. in Pharmaceutics, Alexandria University (December 2017).

- 15) "Design evaluation and characterization of new orally administered probiotic formulation as a biotherapeutic agent" Rania Essawy Hamid, Ph.D. in Pharmaceutics, Alexandria University (December 2017).
- 16) "Formulation and Evaluation of some bone targeted drug delivery systems" Salma Essam El-Habashy, Ph.D. in Pharmaceutics Alexandria University (2017).
- 17) "Development and evaluation of selected nanocarrier drug delivery systems for treatment of some liver diseases", Asmaa Ahmed Ashour, Ph.D. in Pharmaceutics Alexandria University (2015).
- 18) "Formulation and characterization of nanocarrier system(s) for brain delivery" Ola Yosry El Noweam Master of Pharmaceutical Sciences, Alexandria University (2014).
- 19) "Pharmaceutical evaluation of some over-the-counter (OTC) weight loss products available in the Egyptian market" Nada Ahmed Abdel Magid, Master of Pharmaceutical Sciences, Alexandria University (2014).
- 20) "Design, formulation and evaluation of some drug-eluting stents", Ahmed Mohamed Adel Khaleq, Master of Pharmaceutical Sciences, Alexandria University (2014).
- 21) "Improving physicochemical characteristics of poorly permeable drugs using mucopenetrating polymers" Salma El-Sayed Muhamed Radwan, Master of Pharmaceutical Sciences, Alexandria University (2013).
- 22) "A study on novel ocular drug delivery systems " Noha Soliman Hassan Ali El-Salamouni, Master of Pharmaceutical Sciences, Alexandria University (2013).
- 23) "Intranasal micro/nano emulsion as drug delivery system for brain targeting", Noha Ismail Khamis Ismail, Master of Pharmaceutical Sciences, Alexandria University (2013).
- 24) " A study of some buccal drug delivery systems", Rana Mohamed Ihab Sami Reda, Master of Pharmaceutical Sciences, Alexandria University (2013).
- 25) "Development and Evaluation of Pharmaceutical Nanoparticulate Systems for Lung Targeting" Hala Mostafa Nada, Doctor of Philosophy in Pharmaceutical Sciences, Alexandria University (2012).
- 26) "Study of Some Nano-sized Colloidal Drug delivery systems" Salma Essam Abd El-Halim, Master of Pharmaceutical Sciences, Master of Pharmaceutical Sciences, Alexandria University (2012).

- 27) "Improvement of the Physicochemical Properties of Some Drugs using Lipid Based Delivery Systems" Alaa Mohamed Nazief, Master of Pharmaceutical Sciences, Alexandria University (2012).
- 28) "Development and Characterization of Some Orotransmucosal Drug Delivery Systems" Amira Emad Mahmoud El-Nahas, Master of Pharmaceutical Sciences, Alexandria University (2012).
- 29) "Formulation and Evaluation of Noble Metal Particulate Systems for Selected Medical Applications" Asmaa Ashour, Master of Pharmaceutical Sciences, Alexandria University (2010).
- 30) "Formulation and Evaluation of Controlled Release Drug Delivery System for Eradication of Helicobacter Pylori" Sally Ahmed-Fouad El-Zahaby, Master of Pharmaceutical Sciences, Alexandria University (2010).
- 31) "Formulation and Evaluation of Some Pulsatile Drug Delivery Systems" Amira Sayed Mahmoud Hanafy, Alexandria University (2010).
- 32) "Histological Evaluation of the Effect of Oil-Based Calcium Hydroxide Paste on Mandibular Distraction Osteogenesis" Mohamed Ahmed Farag, Master of oral and Maxillofacial Surgery, Alexandria University (2009).
- 33) "Isolation and Characterization of Phenazine and Study its Possible Biotechnological Applications" Shreen Mahmoud Sameh Said, Alexandria University (2009).
- 34) "Formulation and Bioavailability Study of Sustained Release Captopril Microparticles". Doaa Hassan Al-Shora, Master of Pharmaceutical Sciences, King Saud University (2008).
- 35) "Transdermal Delivery System of Testosterone Using Solid Lipid Particles", Iman Mohammed Al-Fagih, Master of Pharmaceutical Sciences, King Saud University (2008).
- 36) "Metronidazole Buccoadhesive Film for the Treatment of Periodontal Diseases", Lubna Yousef Ashri, Master of Pharmaceutical Sciences, King Saud University (2007).
- 37) "A Pharmaceutical Study on Transdermal Delivery of Some Drugs" Ming Ming Wen, Doctor of Philosophy in Pharmaceutical Sciences, Alexandria University (2007).

38) "Formulation and Evaluation of Carteolol Hydrochloride Ophthalmic Gels", Heba Mobarak Al-Dosari, Master of Pharmaceutical Sciences, King Saud University (2006).

39) "Study of Some Modified Release Drug Delivery Systems", Magda Samir Sokar, Master of Pharmaceutical Sciences, Alexandria University (2005).

Postgraduate Student Thesis Examiner

1. "Effects of some locally used herbal medications on the metabolic activities of cytochrome P450 2D6 and cytochrome P450 3A4 Enzyme" Areej Al-Zoker, Master of Pharmaceutical Sciences, Department of Pharmaceutics, King Saud University. (2005).
2. "Formulation and Evaluation of Carteolol Hydrochloride Ophthalmic Gels", Heba Mobarak Al-Dosari, Master of Pharmaceutical Sciences, King Saud University (2006).
3. "Metronidazole Buccoadhesive Film for the Treatment of Periodontal Diseases", Lubna Yousef Ashri, Master of Pharmaceutical Sciences, King Saud University (2007).
4. "Formulation and Bioavailability Study of Sustained Release Captopril Microparticles". Doaa Hassan Al-Shora, Master of Pharmaceutical Sciences, King Saud University (2008).
5. "Transdermal Delivery System of Testosterone Using Solid Lipid Particles", Iman Mohammed Al-Fagih, Master of Pharmaceutical Sciences, King Saud University (2008).
6. "Preparation of oral colon delivery systems" Magda Samir Sokar, Ph.D. of Pharmaceutical Sciences, Department of Pharmaceutics, Faculty of Pharmacy, Alexandria University (2009).
7. "Formulation and Evaluation of Controlled Release Drug Delivery System for Eradication of Helicobacter Pylori" Sally Ahmed-Fouad El-Zahaby, Master of Pharmaceutical Sciences, Alexandria University (2013).
8. "Formulation and Evaluation of Some Pulsatile Drug Delivery Systems" Amira Sayed Mahmoud Hanafy, Alexandria University (2013).
9. "Formulation and Evaluation of Noble Metal Particulate Systems for Selected Medical Applications" Asmaa Ashour, Master of Pharmaceutical Sciences, Alexandria University (2013).

10. "A study on novel ocular drug delivery systems " Noha Soliman Hassan Ali El-Salamouni, Ph.D. of Pharmaceutical Sciences, Alexandria University (2015).
11. "Study of Some Nano-sized Colloidal Drug delivery systems" Salma Essam Abd El-Halim, Master of Pharmaceutical Sciences, Master of Pharmaceutical Sciences, Alexandria University (2015).
12. " A study of some buccal drug delivery systems", Rana Mohamed Ihab Sami Reda, Master of Pharmaceutical Sciences, Alexandria University (2016).
13. "Improving physicochemical characteristics of poorly permeable drugs using mucopenetrating polymers" Salma El-Sayed Muhamed Radwan, Master of Pharmaceutical Sciences, Alexandria University (2016).
14. "Intranasal micro/nano emulsion as drug delivery system for brain targeting", Noha Ismail Khamis Ismail, Master of Pharmaceutical Sciences, Alexandria University (2016).
15. "Pharmaceutical evaluation of some over-the-counter (OTC) weight loss products available in the Egyptian market" Nada Ahmed Abdel Magid, Master of Pharmaceutical Sciences, Alexandria University (2016).
16. "Development and Characterization of Some oral and transmucosal Drug Delivery Systems" Amira Emad Mahmoud El-Nahas, Master of Pharmaceutical Sciences, Alexandria University (2016).
17. "Improvement of the Physicochemical Properties of Some Drugs using Lipid Based Delivery Systems" Alaa Mohamed Nazief, Master of Pharmaceutical Sciences, Alexandria University (2017).
18. "Assessment of the pharmaceutical and clinical performance of multisource brand products" Bassant Abd El-Aziz Abo Taleb, Ph.D. of Pharmaceutical Sciences, Alexandria University (2017).
19. "Development and evaluation of selected nanocarrier drug delivery systems for treatment of some liver diseases", Asmaa Ahmed Ashour, Ph.D. in Pharmaceutics Alexandria University (2019).
20. "Formulation and evaluation of some bone targeted drug delivery systems", Salma Essam Mohamed El-Habashy, Ph.D. in Pharmaceutics Alexandria University (2021).
21. "Formulation and Evaluation of some bone targeted drug delivery systems" Salma Essam El-Habashy, Ph.D. in Pharmaceutics Alexandria University (2021).

22. "Improvement of Permeability of Some Selected Drugs through the Formulation of Lipid Nanosystems", Mohamed Galal El-Shahat Mohamed El-Melegy, Master of Pharmaceutical Sciences, Alexandria University (2021).
23. "Design and assessment of nanoparticulate system(s) to alleviate symptoms of arthritis" Hager Ibrahim Mansour Mohamed, Master of Pharmaceutical Sciences, Alexandria University (2022).
24. "Development of nano-drug delivery systems for treatment of posterior ocular diseases" Salma EL-Sayed Ph.D. in Pharmaceutics, Alexandria University (2022).
25. "Development of targeted nano-vesicular drug delivery system for treatment of some liver diseases" Maged Mohamed Hassan Kharouba, Master of Pharmaceutical Sciences, Alexandria University (2022).
26. "Design evaluation and characterization of new orally administered probiotic formulation as a biotherapeutic agent" Rania Essawy Hamid, Ph.D. in Pharmaceutics, Alexandria University (2022)

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- 1) Aboushanab AR, El-Moslemany RM, **El-Kamel AH**, Mehanna RA, Bakr BA, Ashour AA. Targeted Fisetin-Encapsulated β -Cyclodextrin Nanosponges for Breast Cancer. *Pharmaceutics*. May 12;15(5):1480, 2023.
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