

Curriculum Vitae



Name: Mohamed Yehia Zakaria Saad

Position: Associate professor of Pharmaceutics and Industrial Pharmacy

Department: Pharmaceutics department, Faculty of Pharmacy, King Salman International University, Ras Sudr, South Sinai, Egypt.

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Personal	Date of birth 26/08/1987 Marital states Single Military service: Exempted Nationality Egyptian	
Academic Qualifications	12/2017 PHD in Pharmaceutics- Faculty of Pharmacy Cairo University 10/2013 Master degree in pharmaceutics - Faculty of pharmacy Cairo University 09/2010 Post graduate studies - Faculty of pharmacy Cairo University 07/2009 Bachelor of Pharmacy - Faculty of Pharmacy Cairo University Cumulative Grade Excellent with honor	
Language proficiency	Arabic: (mother language) English (spoken & written): Excellent (TOEFL)	
Computer skills:	Excellent (International Computer Driving License (ICDL)), 2015	
Work History	(9/2023-till now)	Associate professor in pharmaceutics and industrial pharmacy department-faculty of pharmacy King Salman International University and Port Said University
	(10/2022-9/2023)	Assistant professor in pharmaceutics and industrial pharmacy department-faculty of pharmacy King Salman International University
	(5/2018-9/2022)	Assistant professor in pharmaceutics and industrial pharmacy department-faculty of pharmacy Port Said University

	9/2018 – 2021	Lecturer in pharmaceutics & industrial pharmacy department (Part-time), Faculty of pharmacy Sinai University.
	2019 – 2020	Lecturer in pharmaceutics & industrial pharmacy department (Part-time), Faculty of pharmacy, Heliopolis University.
	09 /2017-5/2018	Lecturer Assistant in pharmaceutics & industrial pharmacy department Faculty of Pharmacy- Port Said University
	02/2014-8/2017	Lecturer Assistant (Act as lecturer) in pharmaceutics & industrial pharmacy department Faculty of pharmacy & Industrial technology Sinai University.
	02/2011– 02/2014	Demonstrator in pharmaceutics & industrial pharmacy department Faculty of pharmacy & Industrial technology Sinai University
	08/2009 – 02/2011	Community Pharmacist in El-Ezaby Pharmacies group, Mokkatam cairo.
Teaching Courses	<ul style="list-style-type: none"> • Physical Pharmacy, Pharmaceutical Dosage Forms (liquids, semisolids, solids, parenteral, aerosols and ophthalmic), Biopharmaceutics and pharmacokinetics, Industrial Pharmacy, Cosmetics and Quality control and Quality assurance 	
Academic, and Community Activities	<ul style="list-style-type: none"> • Teaching practical and theoretical courses of pharmaceutics, Faculty of Pharmacy, Port Said University. (2017-2022) • Teaching practical and theoretical courses of pharmaceutics for undergraduate students at King Salman International University.(2022-2024) • Teaching pre-master courses for postgraduate master students, Faculty of Pharmacy, Port Said University. (2022) • A member of the editorial board of the scientific journal of Faculty of Pharmacy, Port Said University, “Octahydron Drug Research” • A member of fifth year students control (2020) • A member of Fourth year students control (2021, 2022) • A member of First year students control (2019) • A member of Egypt Pharmacists Syndicate. (2009 till now) 	
Examiner	<ul style="list-style-type: none"> • Examiner of pharmaceutics for undergraduate students, Faculty of Pharmacy, Port Said, King Salman, Heliopolis and Sinai universities, Egypt. • Oral examiner for undergraduate students, Faculty of Pharmacy, Port Said, British, Suez Canal, and Menofia Universities, Egypt. 	

Research interest	Application of Nano-technology in Drug Delivery System Formulation for Improvement of Bioavailability and Biomedical Application of Drugs.
Publications	<p>"Lipoplexes' Structure, Preparation, and Role in Managing Different Diseases", AAPS PharmSciTech, 2024.</p> <p>" Investigating the Superiority of Chitosan/ D-alpha-tocopheryl Polyethylene Glycol Succinate Binary Coated Bilosomes in Promoting the Cellular Uptake and Anti-SARS-CoV-2 Activity of Polyphenolic Herbal Drug Candidate", International Journal of pharmaceutics, 2023</p> <p>" Ultra-deformable free fatty acid based nano-carriers for topical delivery of Luteolin: A Potential Paradigm for management of Methicillin-Resistant Staphylococcus aureus skin infections", International Journal of pharmaceutics, 2023.</p> <p>" A review on lipid-based nanocarriers mimicking chylomicron and their potential in drug delivery and targeting infectious and cancerous diseases" AAPS Open, 2023.</p> <p>" Experimental design of D-α-tocopherol polyethylene glycol 1000 succinate stabilized bile salt based Nano-vesicles for improved cytotoxicity and bioavailability of colchicine binding site inhibitor Candidates: In Vitro, in silico, and pharmacokinetic studies", International Journal of Pharmaceutics, 2023</p> <p>" Design and statistical optimisation of emulsomal nanoparticles for improved anti-SARS-CoV-2 activity of N-(5-nitrothiazol-2-yl)-carboxamido candidates: in vitro and in silico studies", Journal of enzyme inhibition and Medicinal Chemistry, 2023.</p> <p>" Chitosan Surface-Modified PLGA Nanoparticles Loaded with Cranberry Powder Extract as a Potential Oral Delivery Platform for Targeting Colon Cancer Cells", Pharmaceutics, 2023.</p> <p>" Poly phenolic phytoceutical loaded nano-bilosomes for enhanced caco-2 cell permeability and SARS-CoV 2 antiviral activity': in-vitro and in silico studies", Drug Delivery, 2023.</p> <p>" Employment of PEGylated Ultra-deformable Transferosomes for Transdermal Delivery of Tapentadol with Boosted Bioavailability and Analgesic Activity in Post-Surgical Pain" International Journal of Pharmaceutics, 2022.</p> <p>" Design and Synthesis of New Trimethoxylphenyl-Linked Combretastatin Analogues loaded on diamond nanoparticles as a panel for ameliorated solubility and antiproliferative activity", Journal of Enzyme Inhibition and Medicinal Chemistry, 2022.</p> <p>" Boosting the Anti MERS-CoV activity and Oral Bioavailability of Resveratrol Via PEG-Stabilized Emulsomal nano-carrier: Factorial Design, In-vitro and In-vivo assessments", Drug Delivery, 2022.</p> <p>" Design, synthesis, in-vitro biological activity evaluation and stabilized nanostructured lipid carrier formulation of newly synthesized Schiff bases-based moieties", Pharmaceutics, 2022.</p> <p>" Inclusion of a phytomedicinal flavonoid in biocompatible surface modified chylomicron mimic nanovesicles with improved oral bioavailability and virucidal activity", Pharmaceutics, 2022.</p> <p>" TPGS surface modified bilosomes as boosting cytotoxic oral delivery systems of curcumin against doxorubicin resistant MCF-7 breast cancer cells" , International Journal of Pharmaceutics, 2022.</p>

	<p>" Design, green synthesis and tailoring of Vitamin E TPGS augmented niosomal nano-carrier of pyrazolopyrimidines as potential anti-liver and breast cancer agents to inhibit VEGF-VEGFR2 functions with accentuated oral bioavailability" Pharmaceuticals, 2022.</p> <p>" Design and synthesis of newly synthesized acrylamide derivatives as a potential chemotherapeutic agent against MCF-7 breast cancer cell line lodged on pegylated bilosomal nanovesicles for improving the cytotoxic activity" Pharmaceuticals, 2021.</p> <p>" Statistical optimization of bile salt deployed nanovesicles as a potential platform for oral delivery of piperine: accentuated antiviral and anti-inflammatory activity in MERS-CoV challenged mice" Drug Delivery, 2021.</p> <p>" Stabilized oral nanostructured lipid carriers of Adefovir Dipivoxil as potential liver targeting: Estimation of liver function panel and uptake following intravenous injection of radioiodinated indicator", DARU journal. 2020.</p> <p>" Adefovir dipivoxil loaded proliposomal powders with improved hepatoprotective activity: formulation, Optimization, Pharmacokinetic and Biodistribution studies", Journal of liposome research, 2017.</p> <p>" Ocular ketoconazole-loaded proniosomal gels: formulation, ex vivo corneal permeation and in vivo studies", Drug Delivery, 2016.</p>
Scientific Activities	<p><u>Journal board member</u></p> <ul style="list-style-type: none"> ▪ A member in the editorial board of "Scientific Reports" Journal, 2024. <p><u>Scientific conferences</u></p> <ul style="list-style-type: none"> ▪ Participation in 4th Conference on Innovation in Drug Delivery “Site-Specific Drug Delivery”- France ▪ Participation in 4th International Scientific Conference of Faculty of Pharmacy Cairo University <p><u>Workshops</u></p> <ul style="list-style-type: none"> ▪ Attending online workshop entitled “Open access for Egypt-What you need to Know-Port Said University”, Springer Nature, 2022. ▪ Attending online workshop entitled “Accelerate your science research and education through JoVE”, JoVE, 2022. ▪ Faculty of Pharmacy, Helwan University, Egypt, 2019. <p><u>Scientific articles referee</u></p> <p>A referee for many international journals (<i>Molecules, International Journal of Nanomedicine, Plos One, Scientific reports, Drug Design, Development and Therapy</i>).</p> <p><u>Training Sessions</u></p> <ul style="list-style-type: none"> ▪ “Quality standards in the educational process”, Faculty and Leadership

	<p>Development Center (FLDC), Cairo University, Ministry of Higher Education, Egypt, 2018.</p> <ul style="list-style-type: none"> ▪ “Effective teaching skills”, Faculty and Leadership Development Center (FLDC), Cairo University, Ministry of Higher Education, Egypt, 2018. ▪ “Electronic learning”, Faculty and Leadership Development Center (FLDC), Cairo University, Ministry of Higher Education, Egypt, 2012. ▪ “Ethics in research”, Faculty and Leadership Development Center (FLDC), Cairo University, Ministry of Higher Education, Egypt, 2018. ▪ “Crisis and disaster management”, Faculty and Leadership Development Center (FLDC), Cairo University, Ministry of Higher Education, Egypt, 2022 ▪ “Essential of integrated education" Faculty and Leadership Development Center (FLDC), University Projects Management Unit (UPMU), Port Said University, Ministry of Higher Education, Egypt, 2022. ▪ “International publication of scientific research”, Faculty and Leadership Development Center (FLDC), University Projects Management Unit (UPMU), Port Said University, Ministry of Higher Education, Egypt, 2022. ▪ “Methods and tools of academic advising”, Faculty and Leadership Development Center (FLDC), University Projects Management Unit (UPMU), Port Said University, Ministry of Higher Education, Egypt, 2022. ▪ “Preparing the test item for the medical sector”, Management & Assessment center (MAC), Projects Management Unit (PMU), Ministry of Higher Education, Egypt, 2021. ▪ “How to write a publishable research paper”, Faculty and Leadership Development Center (FLDC), University Projects Management Unit (UPMU), Port Said University, Ministry of Higher Education, Egypt, 2022. ▪ “Work stress management”, Faculty and Leadership Development Center (FLDC), University Projects Management Unit (UPMU), Port Said University, Ministry of Higher Education, Egypt, 2022. ▪ “Creative thinking skills”, Faculty and Leadership Development Center (FLDC), University Projects Management Unit (UPMU), Port Said University, Ministry of Higher Education, Egypt, 2022.
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