



FACULTY FULL NAME: Mohamed Sayed Mohamed Mansour

POSITION: Associate professor

Personal Data

Nationality |Egyptian

Date of Birth |November/01/1975

Department |clinical pharmacy (medicinal chemistry)

Official UoD Email |msmmansour@iau.edu.sa

Office Phone No. |

Language Proficiency

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

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
02/2008	PhD	Cardiff University	Great Britain
10/2003	Master	Suez canal University	Egypt
05/1998	Bachelor	Suez canal University	Egypt

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

PhD	Design and synthesis of some CYP 26 and CYP 24 inhibitors for the treatment of breast and prostate cancer
Master	Spectrophotometric and chromatographic analysis of some cardiovascular and anti-inflammatory drugs
Fellowship	Optimization of CYP 26 inhibitors as indirect differentiating agents for the treatment of neuroblastoma

Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work	Date
Associate professor	Imam abdulrahman university	15/03/2017 Present
Associate professor	Suez canal university	31/05/2013 Present
Assistant professor	Suez canal university	28/05/2008 30/05/2013



Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date
Head of the quality of assessment and examination Unit	IAU	03/2018 to present
Coordinator of the Chemistry department	IAU	03/2018-03/2019
Acting head of pharmacy practice department	Suez canal university	10/2015
Head of the IT unit	Suez canal university	10/2015

Scientific Achievements

Published Refereed Scientific Researches

(In Chronological Order Beginning with the Most Recent) (Selections)

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
	Samir El-Rayes, Gomaa M. S. , Abouelmagd A., Walid Fathalla, Ibrahim. A. I. Ali	Synthesis and antiproliferative assay of triazolyl-2,2-dimethyl-3-phenylpropanoates as potential HDAC inhibitors	<i>RSC Advances</i> , 2019, 9, 13896-13907
	Ahmed T.A. Boraiea, Hanaa K. Ashoura, El Sayed H. El Tamanya, Nahla Abdelmoatya, Abdullah I. El-Faloujib, Mohamed S. Gomaa , ,	Design and synthesis of new phthalazine-based derivatives as potential EGFR inhibitors for the treatment of hepatocellular carcinoma	<i>Bioorganic Chemistry</i> , 2019, 85, 293-307.
	Ahmed T.A. Boraiei, Mohamed S. Gomaa , El Sayed H. El Ashry, Axel Duerkop	Design, selective alkylation and X-ray crystal structure determination of dihydro-indolyl-1,2,4-triazole-3-thione and its 3-benzylsulfanyl analogue as potent anticancer agents	<i>European Journal of Medicinal Chemistry</i> , 2017, 125, 360-371
	Khalid M. Darwish, Ismail Salama, Samia M. Mostafa, Mohamed S. Gomaa , Mohamed A. Helal	Design, Synthesis, and Biological Evaluation of Novel Thiazolidinediones as PPAR γ /FFAR1 Dual Agonists	<i>European Journal of Medicinal Chemistry</i> , 2016, 15;109, 157-72
	Patrick N. Stoney, Yara D. Fragoso, Reem Bu Saeed, Anna Ashton, Timothy Goodman, Claire Simons, Mohamed S. Gomaa , Angelo Sementilli, Leonardo Sementilli, Alexander W. Ross, Peter J. Morgan, Peter J. McCaffery	Expression of the retinoic acid catabolic enzyme CYP26B1 in the human brain to maintain signaling homeostasis	<i>Brain Structure and Function</i> , 2016 pp. 1-12. (10.1007/s00429-015-1102-z)
	Nermeen A. Eltahawy, Amany K. Ibrahim, Mohamed M. Radwan,	Mechanism of action of antiepileptic ceramide from Red	<i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 5819-5824



Sawsan A. Zaitone, Mohamed Gomaa , Mahmoud A. ElSohly, Hashim A. Hassanean, Safwat A. Ahmed	Sea softcoral Sarcophyton auritum	
Salvatore Ferla, Mohamed S Gomaa , Andrea Brancale, Jinge Zhu, Justin T Ochalek, Hector F DeLuca, Claire Simons	Novel styryl-indoles as small molecule inhibitors of 25-hydroxyvitamin D-24-hydroxylase (CYP24A1): Synthesis and biological evaluation	European Journal of Medicinal Chemistry, 2014, 87, 39-51

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

Completed Research Projects

#	Name of Investigator(s) (Supported by)	Research Title	Report Date
	Mohammad S. Gomaa , Abdullah I. Al-falouji	Novel Aspirin-nitric oxide releasing metal complexes, a new class of effective chemotherapeutic agents	Alexander Humboldt Kolleg conference, Globalization of Science: Recent Trends in Chemistry, Ismailia Egypt, October 29-31, 2014
	Caroline E. Bridgens, Gareth J. Veal, Christopher P. F. Redfern, Mohamed S. Gomaa , Andrea Brancale, Jane L. Armstrong and Claire Simons	Development of CYP26 inhibitors to optimize the treatment of neuroblastoma with retinoic acid	<i>Molecular Cancer Therapeutics</i> , 2009;8(12 Suppl):A158



Current Researches

#	Research Title	Name of Investigator(s)
	Development of a prototype for selective dual CYP26/EGFR inhibition with improved target selectivity for the treatment of cancer	Mohamed Gomaa, Faheem Potto, Firdos Ahmed, Samir Alrayes, Ibrahim Ali, Walid Fatthallah
	Design and synthesis of novel chemotherapeutic agents for the treatment of prostate cancer	Mohamed Gomaa, Faheem Potto, Firdos Ahmed, Samir Alrayes, Ibrahim Ali, Walid Fatthallah
	Molecular hybridization strategies for the design and synthesis of more selective anticancer agents	Mohamed Gomaa, Faheem Potto, Firdos Ahmed, Samir Alrayes, Ibrahim Ali, Walid Fatthallah

Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
	3 rd FUE International Conference of Pharmaceutical Sciences	February 9-11, 2015, Cairo, Egypt	Keynote speaker
	4 th International Conference on Pharmaceutical Sciences	January 21-23, 2015, Dubai, UAE	Keynote speaker

Membership of Scientific and Professional Societies and Organizations

- American chemical society
- Royal society of chemistry

Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
	Medicinal Chemistry I		Teaching all course (3 credit hours)
	Medicinal Chemistry II		Teaching all course (3 credit hours)
	Drug design		Teaching all course (2 credit hours)
	Medicinal Chemistry III		Teaching all course (3 credit hours)

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	Reactions and reagents in modern organic synthesis		Teaching all course (3 credit hours)



2	Chromatographic drug analysis		Teaching all course (3 credit hours)
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Brief Description of Postgraduate Courses Taught: (Course Title – Code: Description)

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2	

Course Coordination

#	Course Title and Code	Coordination	Co-coordination	Undergrad.	Postgrad.	From	To
	Medicinal chemistry I	√		√		2008	2019
	Medicinal chemistry II	√		√		2008	2019
	Drug design	√		√		2008	2019
	Medicinal chemistry III	√		√		2008	2019
	Reactions and reagents in modern organic synthesis	√			√	2008	2017
	Chromatographic drug analysis	√			√	2008	2017

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
	Head of questionnaire committee		2015	2017
	Academic advisor for second year students(SCU)	21	2010	2013
	Academic advisor for second year students (IAU)	7	2018	2019



Supervision of Master and/or PhD Thesis (selections)

#	Degree Type	Title	Institution	Date
	PhD	Khaked Darwish Title: Design and synthesis of novel dual PPAR α and γ agonists for the control of hyperglycaemia and hyperlipidemia	Suez canal university	2016
	Master	Ahmed Ibrahim Title: Design and synthesis of beta secretase inhibitors as potential anti-alzheimer agents	Suez canal university	2016
	Master	Asmaa Ata Title: Analysis of some antihistaminics, anti-inflammatory, and cardiovascular drugs	Suez canal university	2016

Ongoing Research Supervision (selections)

#	Degree Type	Title	Institution	Date

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

Administrative Responsibilities

#	From	To	Position	Organization
	03/2018	Present	Head of the quality of assessment and examination Unit	IAU
	03/2018	Present	Curriculum developer (member of the curriculum committee)	IAU
	03/2018	03/2019	Coordinator of the Chemistry department	IAU
	2015	2016	Acting head of the department of pharmacy practice	Faculty of pharmacy Suez Canal University
	2015	2016	Head of the IT unit	Faculty of pharmacy Suez Canal University
	2015	2016	Head of strategic	Faculty of pharmacy Suez Canal



			planning quality assurance unit	University
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Committee Membership

#	From	To	Position	Organization

Scientific Consultations

#	From	To	Institute	Full-time or Part-time

Volunteer Work

#	From	To	Type of Volunteer	Organization

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

1	Highly skilled in Synthetic medicinal chemistry including lead development and lead optimisation, for in vivo testing and clinical development in industrial driven and sponsored projects especially in the field of heterocyclic chemistry and small molecules chemistry as well as development of inhibitors for key enzymes involved in the pathogenesis of cancer High capability of solving synthetic challenges and implementation of optimal synthetic routes to prepare desired compounds together with good knowledge of modern organic reactions
2	Expert in the field of molecular modelling including homology modelling, docking studies, rational drug design using structure-based (eg. Virtual screening) and ligand-based (eg. Pharmacophore search) techniques, QSAR studies Expert in using different drug design and molecular modelling software including SYBYL, MOE, Schrodinger, MolSoft, AutoDock, Gold, Ligbuilder software Extensive experience in conducting Structure Activity Relationship (SAR) studies on hits



	generated from various biochemical screens; to design and prepare new molecules to improve the potency and properties of screening hits
3	Good experience in execution and running of small molecule biology screens and handling of different types of cancer cell lines in the biological evaluation of synthesised chemical compounds through different reported procedures
4	Good experience in spectrophotometric characterisation and analysis of medicinal compounds using different techniques including metal chelation, ion pairing and other coupling chemical reactions. Derivative spectrophotometry with good experience in stability testing and method validation. Expert in HPLC separation and analysis of medicinal agents in dosage forms and biological fluids
5	Adept in SciFinder Scholar, Beilstein/Gmelin (REAXYS), ACDlab, ChemDraw

Last Update

15./...03/2019