



FACULTY FULL NAME: Noha Ali Mohammed Saleh

POSITION Professor Assistant

Personal Data

Nationality | Egyptian

Date of Birth | 25-12-1983

Department | physics

Official UoD Email | nasalah@uod.edu.sa

Office Phone No. | 01333-337062

Language Proficiency

Language	Read	Write	Speak
Arabic	√	√	√
English	√	√	√
Others			

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
June 2012	PhD	Biophysics department, Science Faculty – Cairo Uni.	Cairo University
Sep. 2009	Master	Biophysics department, Science Faculty – Cairo Uni.	Cairo University
May 2005	B.Sc.	Biophysics department, Science Faculty – Cairo Uni.	Cairo University

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

PhD	“Evaluation of Anti Hepatitis C Virus Compounds”
Master	“Study of the Biological Interaction of Some Fullerene-based Systems”
Fellowship	

Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work	Date
Professor Assistant	Physics Dept., Faculty of Science, Dammam University.	2016
Professor Assistant	Physics Dept., Faculty of Education, Scientific. In Hafr El-batin., Dammam University.	2013 (1434)- 2015



Teacher	Biophysics Dept., Faculty of Science, Cairo University.	2012-2013
Teacher Assistant	Biophysics Dept., Faculty of Science, Cairo University.	2009-2012
Demonstrator	Biophysics Dept., Faculty of Science, Cairo University.	2006-2009

Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date

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	Medhat Ibrahim, <u>Noha A. Saleh</u> , Ali Jameel Hameed, Wael M. Elshemey, Anwar A. Elsayed	Structural and Electronic Properties of new Fullerene Derivatives and their Possible Application as HIV-1 Protease Inhibitors	. <i>Spectrochim. Acta, Part A: Molecular and Biomolecular Spectroscopy</i> , 2010
2	Medhat Ibrahim, <u>Noha A. Saleh</u> , Wael M. Elshemey and Anwar A. Elsayed	Computational Notes on Fullerene based System as HIV-1 Protease Inhibitors	<i>J. Comput. Theor. Nanosci.</i> 2010
3	Medhat Ibrahim, <u>Noha A. Saleh</u> , Wael M. Elshemey and Anwar A. Elsayed, "	A Novel Peptidomimetic Compounds as HCV-NS3 Protease Inhibitors: Spectroscopic Analysis	<i>The Open Spectroscopy Journal</i> , 2012
4	Medhat Ibrahim, <u>Noha A. Saleh</u> , Wael M. Elshemey and Anwar A. Elsayed,	Fullerene Derivative as anti-HIV Protease Inhibitor: Molecular Modeling and QSAR Approaches	<i>Mini Reviews in Medicinal Chemistry</i> , 2012
5	Medhat Ibrahim, <u>Noha A. Saleh</u> , Wael M. Elshemey and Anwar A. Elsayed	Hexapeptide Functionality of Cellulose as NS3 Protease Inhibitors	<i>Medicinal Chemistry</i> , 2012
6	Medhat Ibrahim, <u>Noha A. Saleh</u> , Wael M. Elshemey and Anwar A. Elsayed,	QSAR Properties of Novel Peptidomimetic NS3 Protease Inhibitors	<i>J. Comput. Theor. Nanosci.</i> , 2013
7	Zaraag Al-Fifi, May Eid, <u>Noha A. Saleh</u> and Medhat Ibrahim	Molecular Modelling Analyses of the Substituted AZT	<i>J. Comput. Theor. Nanosci.</i> , 2014



8	Noha A. Saleh , Abdo A. Elfiky, Ahmed A. Ezat, Wael M. Elshemey and Medhat Ibrahim	The Electronic and QSAR Properties of Modified Telaprevir Compounds as HCV NS3 protease inhibitors	<i>J. Comput. Theor. Nanosci.</i> ..2014
9	Hamdy I.A. Mostafa, Nihal. S. El-bialy, Ahmed A. Ezat, Noha. A. Saleh and Medhat A. Ibrahim	QSAR analysis and Molecular docking simulation of suggested Peptidomimetic NS3 Protease Inhibitors	<i>Current computer aided-drug design Journal</i> , 2014
10	Hanan Elhaes, Noha A.Saleh , Amina Omar, Medhat Ibrahim "	Molecular Spectroscopic Study of Fulleropyrrolidine Carbodithioic Acid	<i>J. Comput. Theor. Nanosci.</i> 2015
11	Noha A. Saleh	The QSAR and docking calculations of fullerene derivatives as HIV-1 protease inhibitors	<i>. Spectrochim. Acta, Part A: Molecular and Biomolecular Spectroscopy</i> ,2015
12	Ahmed A. Ezat, Hamdy I. Mostafa, Nihal. S. El-bialy, Noha. A. Saleh and Medhat A. Ibrahim	"The QSAR and docking calculations of fullerene derivatives as HIV-1 protease inhibitors"	<i>J. Spectrochim. Acta, Part A: Molecular and Biomolecular Spectroscopy</i> , 136, 2015 , 1523-1529.
13	Hanan Elhaes, Noha A. Saleh , Abdel Aziz Mahmoud, Osama Osman, Amina Omar and Medhat Ibrahim	"On the Spectroscopic Analyses of Fulleropyrrolidine-1-carbodithioic acid 2; 3 and 4-substituted-benzyl esters"	<i>Quantum Matter</i> , 4, 2015 , (5) 594-598.
14	Noha A. Saleh , Wael M. Elshemey, Anwar A. Elsayed and Medhat Ibrahim	"NS3 serine protease as target for anti-hepatitis C virus"	<i>Reviews in Theoretical Science</i> , 3, 2015 , (7) 257-263.
15	Noha A. Saleh , Hanan Elhaes, Osama Osman, Abdel Aziz Mahmoud and Medhat Ibrahim	Spectroscopic Analyses of Modified Fulleropyrrolidine Derivatives	<i>The Open Spectroscopy Journal</i> , 9, 2015 , 1-6.
16	Noha A. Saleh , Ahmed A. Ezat, Abdo A. Elfiky, Wael M. Elshemey and Medhat Ibrahim	"Theoretical Study on Modified Boceprevir Compounds as NS3 protease inhibitors"	<i>J. Comput. Theor. Nanosci.</i> 12, 2015 , 371-375.
17	Zarrag Al-Fifi, Noha A. Saleh , Hanan Elhaes and Medhat Ibrahim	"On the Molecular Modeling Analyses of Novel HIV-1 Protease Inhibitors Based on Modified Chitosan Dimer"	<i>International Journal of Spectroscopy</i> , 2015, 2015 , Article ID 174098, 9 pages.
18	Noha A. Saleh , Hanan Elhaes, Zeinab Abdel Aziz and Medhat Ibrahim	"On the spectroscopic analyses of aspartic acid"	<i>Der Pharma Chemica</i> , 7(10) 2015 , 219-222.
19	Noha A. Saleh , R. A.M.Rizk, G. Kamel, E. H. EL-Sakhawy and M. Ibrahim	"Molecular Modeling study of fullerene- divalent metal derivatives as HCV NS5B Inhibitors"	<i>Quantum Matter.</i> 5, 2016 , 283-286(4).
20	Noha A. Saleh , Amany A. Mostafa, Amina Omar, Hanan Elhaes and Medhat Ibrahim	,"Molecular Modeling Analyses of Modified Polyvinylalchol/ Hydroxyapatite Composite",	<i>J. Comput. Theor. Nanosci.</i> 14, (2017) 2298–2301.



21	<u>Noha A. Saleh</u> , Wael M. Elshemey	"Structure-Based Drug Design of Novel Peptidomimetic Cellulose Derivatives as HCV-NS3 Protease Inhibitors",	life science, 187 (2017) 58–63.
	<u>Noha A. Saleh</u>	"Physical properties and biological activity of some novel HCV NS3 protease inhibitors"	Egyptian Journal of Physics, (2018) In press.
1	Medhat Ibrahim, <u>Noha A. Saleh</u> , Wael M. Elshemey	"Quantitative Structure Activity Relationship: History, Development and Applications", a book chapter in Recent Trends on QSAR in the Pharmaceutical Perceptions.	, Bentham Science Publisher, Netherlands. Editor(s): Mahmud Tareq Hassan Khan, DOI: 10.2174/97816080537971120101, eISBN: 978-1-60805-379-7, 2012, PP 360-391 (32).
2	<u>Noha A. Saleh</u> , Hanan Elhaes, Medhat Ibrahim	, "Design and Development of Some Viral Protease Inhibitors by QSAR and Molecular Modeling Studies" a book chapter in "Viral Proteases and Their Inhibitors"	Academic Press is an imprint of Elsevier, 2017, PP. 25–58, DOI:10.1016/B978-0-12-809712-0.00002-2.

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
1	I with other researchers from Cairo Uni. and National Research Center	Researcher in "Molecular Modeling Approach for The Design and Evaluation of Hepatitis C Virus Inhibitors"	One of the first projects of the Research Forum, <i>Cairo University</i> , 2011 - 2013.
2	I with other researchers from Ain shams Uni. and National Research Center	"spectroscopic analysis of some fullerene based systems containing dithiocarbamate motieties"	<i>Science and Technological Development fund. STDF, 2012-2013.</i>



3	I with other researchers from Imam Abdulrahman Bin Faisal University	"Computer aided drug design for Novel Zika virus inhibitors"	<i>King Abdullah University of Science & Technology (KAUST), 2017-2018</i>
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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
1	<i>International Conference For Nanotechnology Industries The Leading Technology of 21st Century</i>	"The" Riyadh, Saudi Arabia, 5-7 April, 2009 .	Poster presentation
2	<i>Fourth Saudi Science Conference</i>	Al madinah al munawwarah, Saudi Arabia, 21-24 March, 2010	Poster presentation
3	<i>Structural Bioinformatics Schoo</i>	Biophysics Department, Faculty of Science, Cairo University, Egypt, 29-9- 2012 to 4-10- 2012 .	Oral presentation
4	the workshop " <i>Application of Molecular Modeling</i> "	Spectroscopy Department, National Research Center NRC, Egypt, 24-6- 2013 .	Oral presentation
5	<i>The 5th National Conference on Optical Spectroscopy, Laser and their applications</i>	National Research Center NRC, Cairo, Egypt, 24-3-2014 to 27-3-2014.	Oral presentation
6	<i>The 5th Conference on Optical Spectroscopy, Laser and their applications</i>	National Research Center NRC, Cairo, Egypt, 24-27 March, 2014.	Poster presentation

Membership of Scientific and Professional Societies and Organizations

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Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution
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		(no. of lectures/Tutorials. Or labs, Clinics)
1	<u>Computational Biophysics</u> course for the second level of biotechnology students (Science faculty, Cairo University)	
2	<u>Radiation Treatment Planning</u> course for the fourth level students (Science faculty, Cairo University)	
3	<u>Computational Biophysics</u> course for the fourth level students (Science faculty, Cairo University)	
4	<u>Radiation dosimeters</u> course for the diploma students (Science faculty, Cairo University)	
5	<u>General physics 1</u> for the first level. (Faculty of Education, Scientific. In Hafr El-Batin, University of Dammam)	PHYS 101NR
6	<u>Biophysics</u> course for the seventh level. (Faculty of Education, Scientific. In Hafr El-Batin, University of Dammam)	PHYS 405NR
7	<u>Modern physics</u> course for the fourth level. (Faculty of Education, Scientific. In Hafr El-Batin, University of Dammam)	PHYS 204N
8	<u>Advanced Physics Lab</u> for the seventh level. (Faculty of Education, Scientific. In Hafr El-Batin, University of Dammam)	PHYS 403N
9	<u>General physics 1</u> for the first level. (Faculty of	PHYS 101N



	<u>Science, University of Dammam)</u>		
10	<u>Physics 1</u> for the first level. (Faculty of Science, University of Dammam)	PHYS 201N	
11	Seminar	PHYS 412N	

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

1	
2	

Postgraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	<u>Computational physics</u> pre-master. (Faculty of Science, University of Dammam)	PHYS 518	
2	<u>Radiation biology</u> pre-master. (Faculty of Science, University of Dammam)	PHYS 521	

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

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
		7	2017	2018

Supervision of Master and/or PhD Thesis

#	Degree Type	Title	Institution	Date
	<i>Ph.D.</i>	"Fullerene based system as Hepatitis C Virus Inhibitors"	Helwan University	(Registered May 2013 – awarded Nov. 2015).

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
			<ul style="list-style-type: none"> - Quality and accreditation Committee. - Academic Advising. - Organization of scientific schools. - Computer Committee. - Organization of exams Committee. - Literary Committee. - Inventory Committee of scientific devices. 	Science Faculty, Cairo Uni.
			<ul style="list-style-type: none"> - Quality and accreditation Committee. - Academic Advising. - Scientific research Committee. 	Faculty of Education, Scientific. In Hafr El-Batin, University of Dammam



			- Quality and accreditation Committee. - Organization of exams Committee. - Academic Advising.	Faculty of Science, University of Dammam

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	Microsoft office (Word, Excel, power point) I have ICDL
2	Molecular and QSAR modeling software (Gaussian, Gaussian-View, Chemoffice, ChemCraft, CAChe (SCIGRESS) and HyperChem).

Last Update

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