AHMED SOLIMAN ABDELLAH

Professor of Inorganic Chemistry

Consultant of Quality of Education, Academic Accreditation, Safety and Environment.

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PERSONAL PROFILE



Professor of Inorganic Chemistry at the Department of Chemistry, Faculty of Science, Cairo University. My areas of research are antitumor metal complexes, spin transition complexes, metal complexes for dye sensitivity solar cells and air quality dispersion modeling of air pollutants. I have extra experience in the fields: quality of education, academic accreditation, environmental and safety. Looking to utilize knowledge and skills gained during my academic and professional work endeavors to promote teaching. research and quality of education in another remarkable university.

EDUCATION

1988-1922	Cairo University
	Ph.D. of Inorganic Chemistry
	Thesis: Synthesis, Structure characterization of Lanthanide complexes with thio-
	Schiff bases.
1985-1987	Cairo University
	M.Sc. of Inorganic and Analytical Chemistry
	Thesis: Synthesis and characterization of ruthenium and vanadium complexes,
	spectrophotometric determination of ruthenium and vanadium with chromotropic
	acid azodye.
1979-1983	Cairo University
	B.Sc. major chemistry with distinction with class honor.

PROFESSIONAL EXPERIENCES

Education

University positions

Professor of Inorganic Chemistry.
Department of Chemistry, Faculty of Science, Cairo University, Giza,
Egypt.
Teaching, research, and community service in quality of education and
environment consultation and training.

2015-2018	Professor and Consultant of The Vice President, Imam Abdulrahman Bin
	Faisal University, Dammam, KSA.
	Quality of education. Safety, standardization, and environment (hazard
	waste management).
2002-2006	Associate Professor of Inorganic Chemistry
	Department of Chemistry, Faculty of Science, UAEU, Al-Ain, UAE.
	Teaching, research, and community service.
2000-2002	Assistant Professor of Inorganic Chemistry.
	Department of Applied Science, College of Technology, Qatar University,
	Qatar.
	Teaching, research, and community service
1992-2000	Assistant Professor of Inorganic Chemistry
	Department of Chemistry, Faculty of Science, Cairo University, Egypt.
	Teaching and Research
1994-1995	Assistant Professor of Inorganic Chemistry
	Higher Technical Institute; 10th of Ramadan City, Cairo, Egypt
	Teaching inorganic and industrial chemistry courses.
1987-1992	Assistant Lecturer.
	Department of Chemistry, Faculty of Science, Cairo University, Egypt
	Instructing practical courses; general, inorganic and analytical chemistry
1983-1987	Demonstrator (TA)
	Department of Chemistry, Faculty of Science, Cairo University, Egypt.
	Instructing practical courses; general, inorganic and analytical chemistry

Visiting Scientist (Postdoctoral fellowship)

Summer 2009	Institute of Applied Synthetic Chemistry, Inorganic department, Vienna University of Technology, Vienna, Austria.
Summer 2007	Institute of Applied Synthetic Chemistry, Inorganic department, Vienna University of Technology, Vienna, Austria.
Summer 2004	Institute of Applied Synthetic Chemistry, Inorganic department, Vienna University of Technology, Vienna, Austria.
Summer 2002	Institute of Inorganic Chemistry, Vienna University of Technology, Vienna, Austria.
1995-1996	Institute of Analytical Chemistry, Vienna University of Technology, Vienna, Austria, OÄD funded.

Quality of Education

2010-present	Head of accreditation teams
-	NAQAAE; National Authority for Quality Assurance and Accreditation of
	Education for many Colleges and institutes (see Annex 1)
2015-2018	Consultant
	Vice President; Imam Abdulrahman Bin Faisal University for Quality of
	Education, Safety and Environment.
2008-present	Consultant,
	Technical support; Quality of Education and Accreditation (QAAC; Quality
	Assurance and Accreditation Center, Cairo university)
2008-present	Consultant
	Strategic Planning (QAAC; Quality Assurance and Accreditation Center,
	Page 2 of 18

	Cairo university), member of Cairo University Committee for Strategic and
	Creative Planning
2010-2013	AHELO National Team Member
	AHELO Project (Assessment of Higher Education Learning Outcomes);
	Ministry of Higher Education, Egypt, participating in the project
	management, translation adaptation and verification, training, test
	administration, scoring and reporting and analysis.
2010-2013	Consultant
	Egyptian National Center for Measurement and Assessment Project
	(ENCMAP); Ministry of Higher Education, Egypt

Environmental

2009-present	Certified Tutor and Lead Auditor IRCA certified in ISO 14001 (Environmental Management System), MOODY	
	INTERNATIONAL (Certification body), Egypt.	
2009-2016	Certified Tutor and Lead Auditor	
	IRCA certified in OHSAS 18001(Occupational Health and Safety Assessment	
2006 2000	System)., MOODY INTERNATIONAL (Certification body), Egypt.	
2006-2008	Consultant and Partner	
1006 0015	Modern Integrated Systems (MIS) for Quality, Safety and Environment.	
1996-2015	Consultant and Trainer	
	 Quality and environment for many National and International consultancies. Petrosafe (Egyptian Petroleum Authority for training and consultation), Total Quality, Modern Integrated Systems, Eli Lilly Pharmaceutical AMAN companies, Industrial Modernization Center (IMC), Moody International (certification body), ECOMAN(Egypt) ECOMAN(UAE) Masters (UAE) IMG (UAE). 	
1996-1999	Director Environmental Chemistry Laboratories, Cairo University Center for Environmental Hazard Mitigation (CEHM). The duties were technical/administrative/consultation including:	
	- Initiation of the lab via putting the scope and plans to prepare the lab for environmental analysis.	

- Supervision and help in the installation of the different instruments in the lab such as HPIC-HPLC, GC-AES, ICP-AES and AAS.
- Design and supervision of the training programs for the nominated chemists both theoretical and practical including instrumental operation, sampling and analysis of different environmental samples for different parameters.
- Participation and instruction of all training courses conducted in the center such as air quality monitoring system and application, environmental analysis, internal quality control, method validation, internal auditing as well as others.

- Application of the quality control/quality assurance on the analysis conducted in the lab as well as external samples for the different parameters monitored.
- Marketing for the different activities in the environmental chemistry laboratories and CEHM as a whole including writing proposals, TV and radio meetings, seminars, discussions with different parties, etc.

Manager
 Chemical Analysis, Air Quality Monitoring (AQM)Environmental Information
 Monitoring Program (EIMP) / EEAA/Ministry of Environment, DANIDA Project,
 including sampling and analysis of the sequential samplers for the SO₂, NO₂, Total
 Suspended Particulate (TSP), heavy metals, dust fall and passive samplers'

- 1996-1999 *Manager Point source emission monitoring*, Cairo University Center for Environmental Hazard Mitigation (CEHM), Leading the technical team responsible for the stack testing based on the Code of Federal Regulations (USA) including methods from 1 to 5 for isokinetic sampling, Particulate matter, and different types of gases. EPA methods 5 (particulate sampling, percent isokinetic, isokinetic sampling, sample gas volume and dry gas meter), 6(SO₂), 7(NO₂) and 8(H₂SO₄/SO₃, SO₂ and TSP).
- 1996-1999 *Manager Indoor Air Quality Monitoring*, Cairo University Center for Environmental Hazard Mitigation (CEHM), 1997-1999. Full monitoring of all possible pollutants depending on the facility activities including monitoring of gases and vapors (using both gas channel analyzer and MIRAN) and PM according to the Egyptian standards based on Law 4, 1994.

TEACHING EXPERIENCE

University Level (1992-present)

Teaching both undergraduate and graduate courses in different universities.

2008-present	Graduate (face-to-face and online using blackboard LMS)
Cairo Universit	y Inorganic spectroscopy
	Advanced Inorganic Chemistry
	Solid state chemistry
2008- present	Undergraduate (face-to-face and online using blackboard LMS); Most of courses are instructed many times.
Cairo University	y Chemistry of Transition metals (1) (Coordination Chemistry)
	Inorganic Chemistry I (Representative elements)
	Chemistry of Transition metals (2) (Chemistry of Elements)
	Analytical Chemistry 1
	Instrumental analysis
	Organometallic Chemistry
	Page 4 of 18

	<i>E-learning Course; Chemistry Of Transition Metals (1):</i> <i>Coordination Chemistry, Cairo University Center For E-</i> <i>Learning 2015.</i>
Higher Technical Institute, 10 th of Ramadan City, Cairo University of Qatar	Industrial Chemistry Inorganic Technology General Chemistry Inorganic Chemistry Metals and corrosion Environmental pollution Environmental Sampling Separation Techniques
UAE University	Natural Science I General Chemistry I Inorganic Chemistry I Inorganic Chemistry II Chemistry in our life Special Topics I (Inorganic Chemistry) Research Project I Integrated Studies Organometallic Chemistry
Technical Levels (1996-present)	Several workshops and seminars in the fields of quality of education, academic accreditation, strategic planning, environmental affairs, lab safety and accreditation (Quality of Educational Program, Self study report preparation, Strategic planning, executive plan of the strategic plan, Governmental Excellence Prize, Greenhouse gases and ozone depleting substances management, ISO 14001 (EMS), preparation, auditing and training, OHSAS 18001, preparation, auditing and training, Internal Auditing (ISO 14001 and OHSAS 18001), , Environmental sustainability, Laboratory Quality Assurance (ISO 17025), Environmental Impact Assessment (EIA, preparation and training), Environmental Monitoring, Air Pollution: Practice and Control, Hazard Waste Management, Hazard Communication (hazcom), Chemical Storage of hazard and toxic substances, Environmental Performance Evaluation

COMPUTER SKILLS

Very good command in using computer and IT including word processors, graphics, website course managers and special chemistry programs for research and teaching purposes:

Microsoft word	Word processor and presentations
Excel	Graphics and statistics
Origin	Graphics
Power point	Slide design and presentations
Chem Draw	Chemical drawings and structures
ISIS	Chemical drawings and structures
TA50WS	Thermal analysis program
Hyperchem	MO calculations
Blackboard	Learning Management system (UAEU and Cairo University)
Mercury	3D structure viewer (based on cif files)
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1984-present: A wide range of research experience started with achieving M.Sc. and Ph.D. degrees, and then supervising many M.Sc. and Ph.D. thesis and publishing research articles in well-known international journals. In addition, being reviewer to STDF, promotion committee, many international journals and editor to some others.

Editor	Open Journal of Inorganic Chemistry
	CPQ Cancer journal
	EC Pharmacology and Toxicology
Reviewer	International Journals
	Canadian Journal of Chemistry
	Spectrochemical Acta
	Monates Hefta fur Chemie
	Journal of Molecular Structure
	Research Letters in Inorganic Chemistry.
	Spectroscopy Letters.
	Metallomics
	Promotion Committee,
	Inorganic Chemistry, Supreme Council of Universities, Egypt(2008-
	present).
	STDF (Science and Technology Development Fund)
	Many Research Projects for many types of funds.
	Egyptian Academy for Scientific Research, Ministry of Higher Education,
	Egypt.
Supervised T	heses Structural characterization of some new Schiff bases metal complexes
Supervised 1	M.Sc. (Inorganic Chemistry), Cairo University, 2000.
	Mineralogy and geochemistry of airborne particulate in Cairo, M.Sc.
	(Environmental Mineralogy), Cairo University, 2001.
	Synthesis, spectroscopic and thermal characterization of new sulfasalazine
	metal complexes, M.Sc. (Inorganic Chemistry), Cairo University, 2004.
	Effect of thermal degradation on polyethylene and polypropylene blends,
	M.Sc. (Material Science Master Program), UAE University, 2006.
	Air Monitoring of Some Air Pollutants in Al-Ain City using Passive
	Samplers M Sc (Environmental Science Master Program) UAE
	University, 2007.
	Reactions and characterization of some complexes containing pyridyl derivatives M.S. (Inorganic Chemistry), College of Cirls, Air Shares
	University 2011
	<i>Oniversity</i> , 2011.

Synthesis and characterization of some metal complexes with some dinitrogen ligands, <i>M.Sc. (Inorganic Chemistry), Cairo University, 2012.</i>
Synthesis and characterization of novel spin transition Fe(II) complexes of some new triazoles, <i>M.Sc. (Inorganic Chemistry), Cairo University, 2013</i>
Dispersion modeling study of the cement plant emissions over Greater Cairo, <i>Ph.D. (Environmental Chemistry), Ain Shams University, 2014.</i>
Synthesis, characterization of new potential antitumor metal complexes with diamines, <i>Ph.D. (Inorganic Chemistry), Cairo University, 2014.</i>
Synthesis and Characterization of new Cobalt, Nickel, Copper and Palladium Complexes with some new diamine ligands, <i>M.Sc. (Inorganic Chemistry), Cairo University, 2014.</i>
Synthesis, characterization of some metal complexes with formamidine ligands, MO calculation and antitumor activities, <i>Ph.D. (Inorganic Chemistry), Cairo University, 2017.</i>
Modeling of air pollutants over greater Cairo, Ph.D. (Environmental Chemistry), Ein Shams University, 2019.
Many M.Sc. and Ph.D. thesis in many universities in Egypt, UAE, India, and Malaysia (23 thesis).

PUBLICATIONS

Selected Publications from different fields of Inorganic and Environmental Chemistry. The full list of publications is given in *Annex 2*.

Antitumor and DSSC	Synthesis, Characterization, Thermal Analysis, DFT, and Cytotoxicity of Palladium Complexes with Nitrogen-Donor Ligands	
Inorganic	Sattar R. Majeed, Mina A. Amin, Fawzy A. Attaby, Marta E. Alberto and <i>Ahmed A</i> .	
complexes	Soliman. Molecules 2022, 27(3), 964.	
	Cobalt and copper complexes with formamidine ligands: Synthesis, Crystal x-ray study, DFT calculations, and Cytotoxicity	
	Ahmed A. Soliman, Mina A. Amin, Amany M. Sayed, Azza A. A. Abou-Hussein, Wolfgang Linert.	
	Polyhedron, 161, 213-221(2019).	
	New palladium (II) formamidine complexes: Preparation, characterization, theoretical	
	calculations and cytotoxic activity	
	J. Mol. Str., 1137, 5, 453-460(2017).	

	Synthesis, characterization, and molecular modeling of new ruthenium (II) complexes with nitrogen and nitrogen/oxygen donor ligands <i>Ahmed A. Soliman</i> , Mina A. Amin, Ahmed A. El-Sherif, Cigdem Sahin, Canan Varlikli <i>Arabian J. Chem. 10, 389-397(2017).</i> New dinuclear palladium (II) complexes with formamidine and bridged
	pyrophosphate ligands <i>Ahmed A. Soliman</i> , Othman I. Alajrawy, Fawzy A. Attabi and Wolfgang Linert <i>New J. Chem.</i> , 40, 8342(2016).
Spin Transition Complexes	Synthesis, spectroscopic, thermal, and magnetic characterization of novel spin- crossover iron (II) complexes with 4-cyclopropyl1,2,4-triazole. <i>Ahmed A. Soliman</i> , Mohamed M. Khatab, Hossam H. Abdelhady, Ivan Salitros and Wolfgang Linert. <i>Inorganica Chimica Acta</i> , 418, 99–105(2014).
	Synthesis and characterization of novel series of Fe(II)-mixed ligand complexes
	involving 2,2'-bipyridyl ligand Ahmed A. Soliman, Mina A. Amin, Ahmed A. El-Sherif, Saliha Ozdemir, Canan Varlikli and Ceylan Zafer Dyes and Pigments, 99, 1056-1064(2013).
	Synthesis, spectroscopic, thermal, and magnetic characterization of novel spin- crossover iron (II) complexes with 4-cyclopropyl1,2,4-triazole. <i>Ahmed A. Soliman</i> , Mohamed M. Khatab, Hossam H. Abdelhady, Ivan Salitros and Wolfgang Linert. <i>Inorganica Chimica Acta, 418, 99–105(2014).</i>
	Synthesis, structure, spectroscopic and magnetic characterization of a novel spin- crossover iron (II) complex with 1-cyclopropyltetrazole ligands, <i>Ahmed A. Soliman</i> , Mohamed M. Khttab, Michael Reissner, Peter Weinberger, Franz Werner, Wolfgang Linert, <i>Inorg.Chim.Acta, 360, 3987-3996(2007).</i>
	Nickel and copper complexes of cyclopropyltetrazole: crystal structures of [Ni(c ₃ tz) ₆](BF ₄) ₂ and [Cu(c ₃ tz) ₆](BF ₄) ₂ <i>Ahmed A. Soliman</i> , M. M. Khattab and W. Linert, <i>J. Coord. Chem.</i> , 58(5), 421-427(2005).
Metal Carbonyl Complexes	Reactions of ruthenium and molybdenum carbonyls with some pyridylamine derivatives. <i>Ahmed A. Soliman</i> , Mohamed M. Khttab and Ramadan M. Ramadan. <i>Transition Met. Chem.</i> , <i>32</i> , <i>325-331</i> (2007).
	Molybdenium and tungesten complexes of biquinoline. Crystal structure of W(CO) ₄ (biquioline) O. Youssef, M. M. H. Khalil, <i>A. A. Soliman</i> and R. M. Ramadan, <i>Transition Met.Chem.</i> ,28, 331-335(2003).

	Chromium, molybdenum and ruthenium complexes of 2-hydroxyaceto-phenone Schiff base. Saadia A. Ali, <i>Ahmed A. Soliman</i> , Mohamed Abo Ali, and Ramadan M. Ramadan., <i>J. Coord. Chem.</i> , 55(10), 1161-1170(2002).
	Thermal studies of chromium. Molybdenum and ruthenium complexes of chloranilic acid <i>Ahmed A. Soliman</i> , S. A. Ali, M. M. H. Khalil and R. M. Ramadan, <i>Thermochim. Acta, 359, 37-42 (2000).</i>
Kinetics	Kinetic study of the interaction of adenosine 5 ⁻ monophosphate with diaqua (2- hydrazinopyridine) palladium(II) complex in aqueous medium Mohamed M. Khattab, <i>Ahmed A. Soliman</i> and Wolfgang Linert, <i>Int. J. Chem. Kin.</i> , 42, 132-142(2010).
	Kinetic and characterization studies of iron(II) and iron(III) complex formation reaction with hyrazinopyridine <i>Ahmed A. Soliman</i> , Mohamed M. Khttab and Wolgang Linert., <i>J.Coord.Chem.</i> ,61(13),2017-2031(2008).
	Solvent effect on the spectral properties of Neutral Red M. A Rauf,*, <i>Ahmed A Soliman</i> , and M. Khattab, <i>Chemistry Central Journal 2:19(2008)</i> .
Environmental	New Spectrophotometric Method for Determining Nitrogen Dioxide in Air Using 2,2- azino bis(3-ethyl benzothiazoline)-6-Sulfonic Acid-Diammonium Salt and Passive Sampling. Alaa A. Salem, <i>Ahmed A. Soliman</i> and Ismail A. El-Haty, <i>Analytical Chemistry Insights, 2011:6 37–44.</i>
	Determination of nitrogen dioxide, sulfur dioxide, ozone, and ammonia in ambient air using the passive sampling method associated with ion chromatographic and potentiometric analyses Alaa A. Salem, <i>Ahmed A. Soliman</i> and Ismail A. El-Haty <i>Air Quality and Atmospheric Health (2009) 2:133–145</i>
	 Speciation of hexavalent chromium in atmospheric particulate samples by selective extraction and ion chromatographic determination E. H. Borai, E. A. Al-Sofany, A.S. Abdel-Halim and A. A. Soliman Trends Anal. Chem., 21(11),741-745(2002). Monitoring and statistical evaluation for heavy metals in air borne particulate in Cairo, Egypt. Emad H. Borai and A. A. Soliman J. Chromatography A, 920, 261-169(2001).

CONFERENCES

April 2019Global University Ranking and their Impact on universities, First International
Conference, QA center of Sohag University, Hurgada. Egypt.

April 2019	Innovation and Creation in the light of Egypt Vision 2030 and Quality assurance and Accreditation standards, Workshop, <i>First International Conference, QA center of Sohag University, Hurgada, Egypt.</i>		
October 2016	The Partnership between University Scientific Research and Industry: Challenges, Obstacles, and Best Practices, GCC University Presidents Forum, King Khalid University - Abha - Kingdom of Saudi Arabia.		
March 2008	Synthesis, structure, spectroscopic and magnetic characterization of a novel spin- crossover iron(II) complex with 1-cyclopropyltetrazole ligands. <i>Biannual Conference on Chemistry, Cairo University, Egypt.</i>		
March 2008	Kinetic and characterization studies of iron(II) and iron(III) complex formation reaction with hyrazinopyridine <i>Biannual Conference on Chemistry, Cairo University, Egypt.</i>		
March 2008	Reactions of molybdenum and ruthenium carbonyls with some pyridylamine ligands. <i>Biannual Conference on Chemistry</i> , , <i>Cairo University</i> , <i>Egypt</i> .		
March 2008	Spectral and thermal studies of some chromium and molybdenum complexes with ONO donor Schiff bases. <i>Biannual Conference on Chemistry, Cairo University, Egypt.</i>		
March 2006	Nickel and Copper complexes of cyclopropyltetrazole: Crystal Structure of $Ni(C_3tz)_6(BF_4)_2$ and $Cu(C_3tz)_6(BF_4)_2$. Biannual Conference on Chemistry, Cairo University, Egypt.		
March 2006	Spectral And Thermal Study of The Ternary Complexes of Nickel with Sulfasalazine And Some Amino Acids. <i>Biannual Conference on Chemistry, Cairo University, Egypt</i>		
March 2006	Spectral And Thermal Study on The Adduct Formation Between Square Planar Nickel (I) Chelates and Some Bidentate Ligands. <i>Biannual Conference on Chemistry, Cairo University, Egypt</i>		
March 2006	Nickel and Copper complexes of cyclopropyltetrazole: Crystal Structure of Ni(C3tz)6(BF4)2 and Cu(C3tz) ₆ (BF ₄) ₂ .		
March 2006	Spectral And Thermal Study of The Ternary Complexes of Nickel with Sulfasalazine and Some Amino Acids, <i>Biannual Conference on Chemistry, Cairo University, Egypt</i>		
March 2006	Spectral And Thermal Study on The Adduct Formation Between Square Planar Nickel (I) Chelates and Some Bidentate Ligands, <i>Biannual Conference on Chemistry, Cairo University, Egypt</i>		
March 2006	Ruthenium Complexes Of 5-Trifluoromethyl-2,4-Dihydropyrazol-3-One. Biannual Conference on Chemistry, Cairo University, Egypt		
April 2005	Environmental and Mineralogical study on the suspended particulate matter in some areas in Cairo. 6th UAE University research Conference.		
February 2004	Monitoring of Indoor Dust Samples: heavy metals and major cations and anions. <i>Dubai International Conference on Atmospheric Pollution</i> , Dubai, UAE.		
April 2004	Preparation, Characterization and Thermal Studies of Some New Important Spin Crossover Complexes: Crystal Structure of Ni(C ₃ tz) ₆ (BF ₄) ₂ and Cu(C ₃ tz) ₆ (BF ₄) ₂ . <i>5th UAE University Research Conference</i> .		
December 2003	Structural and isothermal study of some copper ternary complexes", 2nd International Conference & its Applications, Doha, Qatar.		

September 2000	Monitoring and statistical evaluation for heavy metals in air borne particulate in Cairo International Ion Chromatography Symposium, Nice, France.
October 1995	Austrian – Tunisian Annual Meeting, TU Vienna, Vienna, 1995(Guest).
November	International Conference on History, Philosophy and Educational of Analytical
1995	Chemistry, TU Vienna, Vienna, 1995 (Guest).
January 1995	Third International Symposium on New Trends in Analytical Chemistry, Cairo
	(Organizing <i>Committee member</i>)
January 1989	Second International Symposium on New Trends in Analytical Chemistry, Cairo
·	(Scientific Secretary).

AWARDS & HONORS

2008

Cairo University Prize for Scientific Research 2008

REFERENCES

Professor Dr. W. Linert, Professor of Inorganic Chemistry, Institute of Inorganic Chemistry, TU Vienna, Austria, <u>wlinwert@mail.zserv.tuwien.ac.at</u>, Tel. : +43 (1) 58801 – 163613.

Professor Dr. Mohamed I. Sultan, Professor and Chair, Department of Geosciences, Western Michigan University, 1903 W. Michigan Avenue, Kalamazoo, MI 49008, <u>mohamed.sultan@wmich.edu</u>, <u>http://www.esrs.wmich.edu</u>, Tel.: (269) 387-5487.

Professor Dr. Sobhy El-shokheby, Professor of Organic Chemistry, Faculty of Science, Islamic University, Medina, KSA, <u>smgomha@iu.edu.sa</u>, Tel: +966 0543826196.

1. Accreditation Panels (Teams), National Authority for Quality Assurance and Accreditation (NAQAAE)

2022	Head of Accreditation team	Faculty of Islamic and Arabic Studies, Beni Suif, Al-Azhar University
	Head of Accreditation team	Faculty of Media, Modern University for Technology and Information, Cairo, Egypt
	Member Accreditation team	Mansoura University (First Egyptian University Accreditation), Mansoura, Egypt
2021	Head of Accreditation team	International High Media Institute (IHMI), Shorouk Academy, Cairo, Egypt.
	Head of Accreditation team	Faculty of Science, Menofia University, Menofia, Egypt
	Head of Accreditation team	Faculty of Agriculture, Kafr El-Shaikh University, Kafr El-Shaikh, Egypt
2014	Head of Accreditation team	Faculty of Science, Damietta University, Damietta, Egypt
	NAQAAE Representative	 Monitor the Accreditation Teams, Evaluate their performance, review and approve the accreditation report: Faculty of Veterinary Medicine, Zagazig University, Zagazig, Egypt. Faculty of Agriculture, Zagazig University,
	Head of Accreditation team	Zagazig, Egypt. Faculty of Engineering, Modern Academy, Cairo,
	-	Egypt
	Head of Accreditation team	Faculty of Agriculture, Suez Canal University, Ismailia,Egypt.
	Reviewer	Faculty of Science, Assuit University, Assuit, Egypt (<i>First Surveillance Audit</i>)
2013	Head of Accreditation team	Faculty of Veterinary Medicine, Benha University, Benha, Egypt.
2012	Reviewer	Faculty of Science, Sohag University, Sohag, Egypt.
2011	Reviewer	Faculty of Science, Assuit University, Assuit, Egypt (<i>R-evaluation</i>)
2010	Reviewer	Faculty of Science, Assuit University, Assuit, Egypt.

2. Technical Support

2021	Programs self-study and Preparation of	Faculty of Engineering, Al-Azhar University, Cairo, Egypt.
	Accreditation Standards Files	
2021	Programs self-study	Faculty of Engineering, Cairo University, Programs
	and Preparation of	self-study
	Accreditation Standards Files	
2013	Institutional Self Study and	Faculty of Science, Beni Suif University, Beni Suif,
	Preparation of Accreditation	Egypt

	Standards Files	
	Institutional Self Study and	Faculty of Science, Alexandria University. Alexandria,
	Preparation of Accreditation	Egypt.
	Standards Files	
2012	Institutional Self Study and	Faculty of Science, Helwan University, Cairo, Egypt.
	Preparation of Accreditation	
	Standards Files	
	Institutional Self Study and	Faculty of Science, Fayoum University, Fayoum,
	Preparation of Accreditation	Egypt.
	Standards Files	
	Institutional Self Study and	Faculty of Science, Suez Canal University, Ismailia,
	Preparation of Accreditation	Egypt.
	Standards Files	
2010	Institutional Self Study and	the Faculty of Science, Mansoura University,
	Preparation of Accreditation	Mansoura, Egypt.
	Standards Files	

Annex 2: List of Publications

- Synthesis, Characterization, Thermal Analysis, DFT, and Cytotoxicity of Palladium Complexes with Nitrogen-Donor Ligands Sattar R. Majeed, Mina A. Amin, Fawzy A. Attaby, Marta E. Alberto and Ahmed A. Soliman. *Molecules 2022*, 27(3), 964.
- Palladium Complexes Based on 2-Hydrazinopyridine Ligand: Synthesis, Spectroscopic Studies, DFT Calculations, and Cytotoxicity.
 Sattar R. Majeed, Mina A. Amin, Fawzy A. Attaby, Ahmed A. Soliman. Biointerface Research in Applied Chemistry, 11(6), 14316 – 14335(2021).
- New Platinum(II) ternary complexes of Formamidine and Pyrophosphate: Synthesis, Characterization and DFT Calculations and In-vitro Cytotoxicity Ahmed A. Soliman, Fawzy A. Attaby, Othman I. Alajrawy, Azza A. A. Abou-hussein, and Wolfgang Linert, *Combinatorial Chemistry & High Throughput Screening (CCHTS), Special Issue "Raman, Infrared and NMR Spectroscopy: Advances in Structural, Conformational and Environmental Analysis."*, 23, 611-623(2020).
- 4. Cobalt and copper complexes with formamidine ligands: Synthesis, Crystal x-ray study, DFT calculations, and Cytotoxicity

Ahmed A. Soliman, Mina A. Amin, Amany M. Sayed, Azza A. A. Abou-Hussein, Wolfgang Linert.

Polyhedron, 161, 213-221(2019).

- Soluble cytotoxic ruthenium(II) complexes with 2-hydrazinopyridine
 A. A. Soliman, F. A. Attaby, O. I. Alajrawy, S. R. Majeed, C. Sahin, and C. Varlikli *Russian J. Inorg. Chem.*, 64(6), 742-754(2019).
- Soluble ruthenium(II) with 3,4-diaminobenzoic acid complexes : Preparation, thermal study, theoretical calculations and in vitro cytotoxic activity
 A. A. Soliman, F. A. Attaby, O. I. Alajrawy, S. R. Majeed
 J. Therm. Anal. & Cal., 135:2457–2473(2019).
- New palladium(II) formamidine complexes: Preparation, characterization, theoretical calculations and cytotoxic activity
 Ahmed A. Soliman, Amany M. Sayed, Othman I. Alajrawy, Wolfgang Linert J. Mol. Str., 1137, 5, 453-460(2017).
- 8. Synthesis, characterization and molecular modeling of new ruthenium (II) complexes with nitrogen and nitrogen/oxygen donor ligands **Ahmed A. Soliman**, Mina A. Amin, Ahmed A. El-Sherif, Cigdem Sahin, Canan Varlikli *Arabian J. Chem. 10, 389-397(2017).*
- 9. New dinuclear palladium(II) complexes with formamidine and bridged pyrophosphate ligands

Ahmed A. Soliman, Othman I. Alajrawy, Fawzy A. Attabi and Wolfgang Linert *New J. Chem.*, 40, 8342(2016).

10. New binary and ternary platinum(II) formamidine complexes: Synthesis, characterization, structural studies and in-vitro antitumor activity

Ahmed A. Soliman, Othman I. Alajrawy, Fawzy A. Attaby, W. Linert J. Mol. Str. 1115, 17-32(2016).

 New formamidine ligands and their mixed ligand palladium(II) oxalate complexes: Synthesis, characterization, DFT calculations and in vitro cytotoxicity Ahmed A. Soliman, Othman I. Alajrawy, Fawzy A. Attabi1, Mohamed R. Shaaban1 and W. Linert Spectrochim.Acta, Part A, 152, 358 – 369 (2016).

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