

**Moustafa Mohamed
Saleh Abbassy**

CURRICULUM VITAE



❖ **Personal Details**

Surname	Abbassy			
Other names	Moustafa Mohamed Saleh			
Title	Associate Professor of Environmental Chemistry & Pesticides			
Gender	Male			
Address (Work)	Dr. Moustafa Mohamed Saleh Abbassy, Associate Professor of Environmental Chemistry & Pesticides, Department of Environmental Studies, Institute of Graduate Studies & Research (IGSR), Alexandria University. 163 Horreya Avenue, Chatby 21526, P.O. Box 832, Alexandria, Egypt.			
Phone No.	01006778842		P. C.	21526
Mobile			E-mail	moustafabbassy@gmail.com
Date of birth	Day,08	Mo,12	Yr. 1959	B. Place Borg Rasheed – Rosetta – El-Beheara, Egypt.

❖ **Education**

College/University	Degree, Year	Specification Title
Faculty of Agriculture, Alexandria University	B.Sc. (Pesticides Chemistry), 1981	Pesticides Chemistry
Faculty of Agriculture, Alexandria University	M.Sc.(Pesticides Chemistry), 1986	Monitoring of Organic Pollutants in Drinking Water in Alexandria.
Faculty of Agriculture, Alexandria University	Ph.D.(Pesticides Chemistry), 1992	Studies on the Environmental Pollution: EBDC fungicides in Crops Ecosystem.

❖ Employment History

Employer	position	Period
Graduate Studies & Research Center, University of Alexandria, Egypt	Research Assistant	1981-1984
Department of Environmental Studies, Institute of Graduate Studies & Research (IGSR), University of Alexandria, Egypt	Research Assistant	1984-1986
Department of Environmental studies, IGSR, University of Alexandria, Egypt.	Assistant Lecturer	1986-1992
Department of Environmental Studies, IGSR, University of Alexandria, Alexandria, Egypt.	Lecturer	1993 2006
Food, Environment and Water Laboratories - Ministry of Regional Municipalities, Environment & Water Resources, Muscat- Sultanate of Oman.	Organic Pollutants Analysis Expert	1998-2008
Department of Environmental Studies, IGSR, University of Alexandria, Alexandria, Egypt.	Associate Professor	2006 - Date
GC-MS/ECD-FID Central Lab.	Supervisor	2009 - Date

❖ Experiences

Planning and Monitoring of Environmental and Food Contamination Programs (e.g., Pesticide Residues and Other Environmental Organic Contaminants).
Operation and Solution of Technical Troubleshooting (as Analytical or Chemical basis) of Gas Chromatograph Equipped with Conventional Detectors (e.g., ECD-FID-NPD-FPD) or Mass Spectrometry, and its Applications for Organic Analyses.
Application of High Performance Liquid Chromatography (HPLC) and UV-Vis & UV-F Spectroscopy for Organic Analyses.
Hydrocarbon Derivatives Specification; (Biogenic, Petrogenic Origins of HCs, VOCs, Aliphatics, PAHs... etc.) in Environmental Compartments.
Supervision and Training the Specialized Chemists and Technician Staff for Routine and Trace Organic Analyses of Environmental and Food Contaminants.
Training the Forensic Chemistry Specialists for Trace Analyses of Organic Narcotics and its Degradates in Biological and Environmental Systems.
Specification and Solutions of Practical Problems Regarding Sample Preparation for Chromatographic Analysis
Modification and validation of an analytical Method for Organic Contaminants Determination in Environment and Food Commodities.

❖ Professional Activities:

- Teaching the Following Courses for Diploma, M. Sc. and PhD. Students in the Environmental Studies, 1993 -1998, and 2009 – Present:

Fundamentals of Applied Ecology
Environmental Measurements
Methods of Environmental Measurements
Pesticides Chemistry
Pesticides, Environment and Human Health
Environmental Chemistry

- Thesis Supervision:

1- Diploma in Environmental Studies	Year
Occurrence of Chemical Pollutants in the Fresh Water in Alexandria.	1996
Lubricating Oil: Impact on the Environment, Treatment and Recovery.	1997
Monitoring of Organic and Inorganic Compounds in Raw, Clarifier, Coolers and waste-water(s) of the Egyptian Petrochemicals Company.	1997
Organo-metallic compounds in the aquatic environment.	1998
Assessing the Applicability of Phytoremediation Techniques for Cleaning of Contaminated water from Heavy Metals.	1998
Assessing the Self Purification Possibility of the Nile River Stream under Egyptian Environmental Conditions.	1998
Comparative study on the collecting and measuring volatile organic compounds in air samples.	2012

2- M. Sc. Thesis in Environmental Studies	Candidate Name	Year
Effects of Pesticide Residues in Soil on the Absorption of Nutrients by Plants.	Mona Sedeek	1999
An Environmental Study on the Contamination of Manzala Lake with Organic Pollutants.	Hashem Mohamed	1999
Use of Biomarkers in Assessing Environmental Impact of Pollutants.	Sahar Mohamed	1999
Occurrence of Environmental contaminants in Lactated Mother Milk, and its Impact on the Infant.	Amel M. Khattab	2013
Application of Nanotechnology for Degradation of Organic Pollutants in Industrial Wastewater Using Photo-catalytic Materials.	Amira Ahmed	2014
Specification of Organic Derivatives in Alexandria Wastewater, and the Treatment Possibility	Eman Mohamed	2014
Assessment of Organic Contaminant Levels at Some Sites along the Mediterranean Coast of Egypt.	Mohamed Khairy	2014
A study on the Protective Effect of a Medicinal Plant; Milk Thistle (<i>Silybum marianum</i>) Against Lead Toxicity in Rats.	Huda Mawlood	2014
Assessment of water quality in Selected Sources of Groundwater at El-Behera, Governorate.	Moustafa Shaban	2014
The Potential Environmental Impact of Polycyclic Aromatic Hydrocarbons emitted from West Delta Brick Factories.	Mohsen Eed	2015
Comparative Study for Assessing the Water Remediation Using Nonconventional Techniques.	Mohamed Soliman	2015
Evaluating the Efficiency of Some Physical Techniques for Removal of Organic Pollutants from Water	Alaa M. Nasr	2015
Chemical Characterization of the Backwash Water of Drinking Water Treatment Plants: Case Study; El-Maamoura Water Plant, Alexandria.	Gihan M. Sakoury	2015
A Study on Chemical Parameters and some Pesticides Stability Relationship in the Aquatic Systems.	Azza A. Shokr	2015
Monitoring and Risk Assessment of Volatile Organic Compounds at the Fuel Pump Stations.	Dina A. Farrag	2015
A comparative Study on the Impact of Occupational Health and Safety Standards Application in Pharmaceutical Industries.	Rashida Fawzy	2015

2- M. Sc. Thesis in Environmental Studies	Candidate Name	Year
Relationship between Pesticides Degradation Rate and Recipient Water Quality.	Norhan Tarek	2015
Measure and Raise Awareness Among Farmers and Environmental Health Threats the Use of Pesticides. Case Study: Al-Jafra Region, Lybia.	Huda Al-Wadani	2015
Application of Geographical Information Systems and Chromatographic Analysis for Monitoring of Hydrocarbon Fractions Near the Petroleum Settlements in Alexandria.	Samah Hawach	2016
Synthesis and characterization of some polymeric materials to be utilized for heavy metals removal from industrial wastewater	Hitham Baseuny	2016
A Study on the Protective Effect of Grape seed Extract Against the Toxic Effect of Abamectin in Rat Brain and Testes.	Nour Nasharty	2016
Development of some Polymers for Wastewater Treatment Applications.	El-Sayed Ragab	2016
Preparation and characterization of Polyether Sulphone-Graphene Oxide blend membrane(s) for removal of heavy metal(s) from simulated wastewater	Ahmed Ali	2016
Preparation and Characterization of Polymer Membranes for Water Desalination Applications.	Salah Mohamed	2016
Effect of Water Quality on the Efficiency of Residual Pesticides Analysis.	Eman Farouk	2016
Risk Assessment of Selected Volatile Organic Compounds at Two Industrial Areas in Alexandria City	Noha M. Ali	2017
A Study on the Biochemical and Histological Changes Induced by Thiamethoxm in Rats: Role of an Antioxidant	Hussein Ali	2017
A Study on the Protective Effect of an Antioxidant Against the Toxic Effect of Thiamethoxam in Some Rat Organs	Ahmed Mohamed	2017
A Study on the Oxidative Stress Induced by Emamectin Benzoate and Acetamiprid Mixture in Rats	Emam Hussien	2017
A Comparative Study for Application of Different Configurations of Liquid Membranes in Water Desalination.	Shaimaa Sadek	Cont.
Assessment of Low Cost Adsorbents Efficiency for Purification of Wastewater.	Gehad Ahmed	Cont.
Study on the Occurrence of Organic Compounds in the Treated Drinking and Waste Water in Alexandria.	Dalia M. Awad	Cont.

2- M. Sc. Thesis in Environmental Studies	Candidate Name	Year
Studying the Distribution Pattern of Certain Hydrocarbons in Sedimentation Process as a Model of Water Purification	Walaa Ahmed	Cont.
Evaluating the Antibacterial and Antioxidant Activities of Some Plant Extracts	Nehal M. Rashad	Cont.
Survey on the Nonconventional Oil Sources in Egyptian Environment for Edible or Medicinal Purposes	Snaa M. Afifi	Cont.
Distribution of some environmental pollutants in fresh water aquatic ecosystem	Ahmed Shaban	Cont.
Water Desalination Using Emulsion Liquid Membrane	Karim B. Ahmed	Cont.
Environmental Study on the Occurrence and Distribution of Pesticide Residues in Water and Fish of Some Irrigation and Drainage Systems, El-Behera Governorate, Egypt	Nehad Nasr Mohamed	Cont.
A study on the Application of Photocatalytic degradation of Pesticide Residues from Agricultural WasteWater	Heba Mohamed	Cont.
Assessing the Food processing for dissipation of pesticide residues	Marym Mahrous	Cont.
A Study on the Physical and Chemical Characteristics of Certain Agricultural Crops Affecting their Residual levels of Pesticides	Maha Fadaly	Cont.
Comparative Study for Evaluating the Levels and Risk Assessment of Some Environmental Contaminants in Common cosmetic products marketed in Egypt	Rania A. Hussien	Cont.
Biological Evaluation of Tiapia Nelotica Fish as Indicator of Pesticides Pollution	Ali Hashem	Cont.
3. Ph.D. Thesis in Environmental Studies	Candidate Name	Year
Quantification and Risk Assessment of Organic pollutants in the Atmospheric Particulate Matter, Alexandria City, Egypt.	Shady N. Halim	2015
Evaluation the Toxicity of some Egyptian Plants Extracts as a Potential Source of Natural Pesticides.	Mahenaz Gaballa	2016
Assessment of the Libyan national systems for food Safety Control and their compatibility with the standards	Huda Al-Wadani	Cont.
A Survey on the Natural alternatives of Medicinal Uses from some Marshy Land (Al-sabkha) Wild Plants at Northern of Delta, Egypt	Eman El-Asheouty	Cont.
A study on the Application and Optimization of Physicochemical Processes for Removal of Organic Contaminants from Wastewater	Azza A. Shokr	Cont.

❖ **Participation in Establishing and Developing the Following Laboratories:**

Laboratory Name	position	Period
Aquatic Pollution	Alexandria University, Egypt. UN/UNESCO	1983-1986
Trace Organic Analysis	IGSR, of Alex. Univ., Egypt, in Co-ordination with IAEA, MEL/MESL – Monaco, MED-POL Phase II	1991-1998
Marine Pollution	MRMEWR, Oman, in Accordance to ROPME	1998-2000
Environ. Organic Analysis	Food and Environment Monitoring Center, MRMEWR, Oman, in Accordance to ROPME	2000-2003
Air and Water Quality	IGSR, of Alex. Univ. LP2-008 ALEX. and LP3-005 ALEX. projects, Ministry of Higher Education, Egypt	2009-to Now
Environmental Chemistry	IGSR, of Alex. Univ. In Accordance with CQAP, Ministry of Higher Education, Egypt	2010-to Now

❖ **Participated in the Following Workshops:**

Training Course Title	position	Period
Preparing and Developing the University Lecturers	Alex. Univ.	October 1984
Industrial Pollution Control	H.I.P.H. Alex. Univ.	15-27/9/1990
Use of Biomarkers in Assessment of the Aquatic Pollution	FAO, Genova, Italy	16-29/6/ 1996
Fundamental of GC/MS. Gulf Sci. Co.	Dubai, UAE	24 – 28/5/2003
Professional Ethics & According to the Management	Alex. Univ.	17-19/09/2005
Thinking Skills Development of the University Teachers.	Alex. Univ.	24-27/09/2005
Quality Assurance and Accreditation Standards	IGSR, Alex. Univ.	1986-1992
Gas Chromatography–Mass Spectroscopy	IGSR, Alex. Univ.,	19-20/2/2011
Uncertainty in Analytical Chemistry.	IGSR, Alex. Univ.,	26-27/2/2011
Analytical Method Validation	IGSR, Alex. Univ.,	16-17/6/2011

❖ **Trainer for the Following Workshops:**

Workshop Title	position	Period
Chlorinated Pesticides Analysis, MED-POL., IAEA	IGSR, Alex.	16-29/10/1996
Local Workshops for Analysis of Hydrocarbons in Marine Materials. IAEA-MEL.	MRMEWR,Oman	16-29/3/2002
Regional Workshops for Analysis of Hydrocarbons in Marine Materials. IAEA-MEL.	MRMEWR,Oman	12-29/9/2005
Determination of Organochlorine Compounds in Marine Environment. IAEA-MEL.	MRMEWR,Oman	2-12/12/2007
Gas Chromatography–Mass Spectroscopy	IGSR, Alex.	24-27/09/2011
Principals of Gas Chromatography, for the Lab. Technical managers of Middle East Oil Refinery Company (MIDOR), March 2013.	IGSR, Alex.	March 2013
Troubleshooting of Gas Chromatographic Analysis. Technical Managers of MIDOR.	IGSR, Alex.	April 2013
Applications of Spectroscopic Techniques in Petroleum Analysis, for the Lab. Technical Managers of MIDOR.	IGSR, Alex.	May 2013

❖ **Participated in the Following Committees:**

Project	position	Period
Application of Quality Control Program in the Food and Environmental Pollution	Food, Environ. Monitoring Center, MRMEWR, Oman	1998-2008
Environmental Related Diseases in the Sultanate of Oman. Problems, Prevention and Solutions	MRMEWR, Oman	9–13/4/2003
Scientific Committee of the International Food Safety Conference, 24 –26 / 2003	MRMEWR, Oman	March,2003
Sanitarian and Social Effects of the Oral Administration of Cologne, and the Identification Methods of its Constituents.	Ministry of Commerce and Industry (MCI)-Oman	March,2003
Revising the Draft Omani Standards for Approval.	MCI, Oman	2000-2007
Laboratories and Instruments Committee	IGSR, Alex. Univ., Egypt	2010–to Now

❖ **Participated in International, Regional and National Research Projects:**

Project	position	Period
Aquatic Pollution Project, Egypt	Alex. Univ./UNESCO	1983-1986
Long Term Program for Pollution Monitoring (MED-POL)	Alex. Univ./IAEA, ph. II	1991-1998
Monitoring of Pesticides in the Nile River. Egypt	FAO/UNEP	1996-1998
Use of Biomarkers in Assessing of Aquatic Contamination	FAO/UNEP	1996-1998

Pollution Monitoring Program in the Marine Environment	MRMEWR, Oman	2001-2008
Air Pollution Monitoring Program in the Urban and Industrial Areas of Oman.	MRMEWR, Oman	1998 –2003
Monitoring of Volatile, Semi-Volatile, Oil & Grease and Total of Petroleum Hydrocarbons in the Different Water in Oman.	MRMEWR, Oman, in Accordance to ROPME	2000 – 2003
Pesticide Residues in Selected Food Items in Oman	MRMEWR, Oman	2001- 2005
Proficiency Testing in the Programs of Aquacheck and Intercomparison Sample Exercises.	IGSR, Egypt & Oman, MEL - IAEA	1983 - 2008
LP₂-008 ALEX, Air Pollution project Lab	IGSR, Alex. Univ	9-20/2/2011
LP₂-005 ALEX project for Water and Marine Pollution Lab.	IGSR, Alex. Univ	6-27/2/2011

❖ **Participated in the Following Conferences:**

Project	position	Period
Environment/sustainable and development	Alex Univ.	15 – 17/5/1990
International food Safety	MRMEWR, Oman	24 - 26/9/2003
Biosafety International Conference	MRMEWR, Oman	21 – 23/ 2/2005
International Symposium on Food Safety	MRMEWR, Oman	3-4/3/2007
International Food Safety week.	MRMEWR, Oman	21–23/4/ 2014
International Conference Towards Sustainable Environment	Alexandria, Egypt	11–12/8/2014

List of Publications:

- Maklad M.F., Abou-El-Amayem M., El-Mahdy S. and Abbassy M.S. (1990). Effect of Water Treatment on the Removal of Chlorophenols in Alexandria. Com. Sci. & Dev. Res. 31: 43-48.*
- Maklad M.F., Abou-El-Amayem M., El-Mahdy S. and Abbassy M.S. (1990). Chlorinated Insecticides Levels in Irrigation and Drainage Systems of Alexandria Region. Com. Sci. & Div. Res. 31: 83-94.*
- Maklad M.F., Abou-El-Amayem M., El-Mahdy S. and Abbassy M.S. (1990). Effect of Water Treatment on the Removal of Chlorinated Insecticides in Alexandria. J. Agric. Sci. Mansoura, 15: 1489-94.*
- Abbassy M.S., Ibrahim, H.Z. and Abou-EL-Amayem M. (1999). Occurrence of Pesticides and Polychlorinated Biphenyls in Water of the Nile River at the Estuaries of Rosetta and Damietta Branches, North of Delta, Egypt. J. Environ. Sci. & Health, part B 34: 255-67.*
- Yousef M.I., Abbassy M.S. and Yacout, H. (1999). Assessment of Cypermethrin and Dimethoate Toxicity in sheep: Biochemical, and Histological Changes and Tissue Residues. Egyptian Journal of Animal production. 36: 25-41.*
- Abbassy M.S. (2000). Pesticides and Polychlorinated Biphenyls Drained into North Cost of the Mediterranean Sea, Egypt. Bulletin of Environ. Contam. & Toxicology, 64: 508-17.*
- Abbassy M.S. (2001) Pesticide Residues in Selected Vegetables and Fruits in Alexandria City, Egypt: 1997-1998. Bulletin of Environ. Contam. & Toxicology. 67:2 225-32.*
- Abbassy M.S., Al-Maskary A.J., Al-Ghazali A.A. and Al-Kharosy A. Residues of Ethylene Bis-dithiocarbamate Fungicides and Pyrethroid Insecticides in Selected Vegetables and Fruits in Muscat Governate, Sultanate of Oman: 2001-2002. International Food Safety Conference, 24 –26 +March 2003, Muscat, Sultanate of Oman.*
- Abbassy M.S., Ibrahim H.Z. and Abdel-Kader HM. (June 2003) Persistent Organochlorine Pollutants in the Aquatic Ecosystem of Lake Manzala; Egypt. Bulletin of Environ. Contam. & Toxicology. 70:6.*
- Abbassy MS, Lotfy FM, ElKodary LM and Khattab AE. Organochlorine compounds in the Human Breast Milk of Rural and Urban Regions in Egypt. International Food Safety Conference, 21–23 April 2014, Muscat, Sultanate of Oman.*
- Nasr SM., Abbassy M.S. Massoud MK. Assessment of Organic Contaminants Levels at Some Sites along the Mediterranean Coast of Egypt. International Conference towards Sustainable Environment 11–12 August 2014, Alexandria, Egypt.*
- El-Demerdash FM, Taher HM, Abbassy M.S. (2015). Silymarin attenuates neurotoxicity, oxidative stress and antioxidant enzymes perturbations induced by lead in rat brain. Int J Dev Neurosci.; 47(Pt A):71. PubMedID: 26531516*

Gihan Hosny, Mohsen Abdelwahab, Moustafa M.S. Abbassy, El-Sayed A. Shalaby (2015). *The Potential Environmental Impact of Polycyclic Aromatic Hydrocarbons emitted from Break Factories. International Journal of Environmental Science and Toxicology Research*. 3: 154-164.

Gihan Hosny, Rashida Fawzy, Moustafa M.S. Abbassy (2015). *Site Survey Analysis for the Prevalence of Ergonomics on Safety Performance Sci-Afric Journal of Scientific Issues, Research and Essays* 3: 756-762.

M.A. Abu-Saied, M. Elsayed Youssef, M.E. El-Naggar, Ryszard Wycisk, Fatma M. El-Demerdash, Gamal Abd El-Naim, Moustafa M. Abbassy and Haytham Bassuony (2015). *Efficient Adsorption of Copper and Nickel Ions from Aqueous Solution Using Sulfonated Poly (vinyl alcohol)/Chitosan/Arabic Gum as dsorbent Membrane. Australian Journal of Basic and Applied Sciences*, 9(35): 310-320. ISSN:1991-8178

Moustafa M.S. Abbassy, Sedek AW, Mahmoud AS. (2016) *Application of Nanotechnology for Degradation of Organic Pollutants in Industrial Wastewater Using Photo-catalytic Materials. Egyptian J. of Plant Protection Research*, 4: 56:81.

Moustafa M.S. Abbassy, Mohamed A. El-Askndarani, Nourhane T. Nada (2016). *Relationship between Pesticides Degradation Rate and Recipient Water Quality. Egyptian J. of Plant Protection Research*, 5: 1-9.

Moustafa M.S. Abbassy (2017). *Pesticide residues in Buffalo and Human Breast Milk of Vegetables and Fruits Farming Community at Northern of Delta in Egypt. J Environ Anal Toxicol* 2017, 7:2. DOI: 10.4172/2161-0525.1000432 *ENVIRONSCI-16-1193*.

M. A. Abu-Saied, Ryszard Wycisk, Moustafa M. Abbassy, G. Abd El-Naim, Fatma M. El-Demerdash, M. E. Youssef, H. Bassuony, Peter N. Pintauro (2017). *Sulfated Chitosan/PVA Absorbent Membrane for Removal of Copper and Nickel Ions from Aqueous Solutions - Fabrication and Sorption Studies. Carbohydrate Polymers*, 165:149-158.

M. A. Abu-Saied, Moustafa M. Abbassy, Ibrahim N., Fatma M. El-Demerdash and Abdel-Saleh S. (2017). *Novel Cellulose Acetate/Modified Graphene Oxide Composite Membranes Suitable for Reverse Osmosis Desalination. Journal of Chemistry. (In Press)*

Moustafa M.S. Abbassy, H.Z. Ibrahim and Mahenaz A.A. Gab Alla. *Evaluating the Insecticidal and Fungicidal Efficiency of Acacia nilotica Pods Extract. J. Plant Prot. and Path., Mansoura Univ. (In Press)*

Moustafa M.S. Abbassy (2017). *Farmer's Knowledge, Attitudes and Practices and Exposed to Pesticides Residues on the vegetable and fruit sprayers. Case study: North of Delta, Egypt. (J Environ Anal Toxicol. (In Press).*

Referees:

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- *Prof. Mokhtar Ibrahim Yousef, Professor of Environmental Animal Physiology and Reproductive Toxicology, Department of Environmental Studies. Dean; Institute of Graduate Studies and Research (IGSR), Alexandria University, Egypt - 163 Horreya Avenue, Chatby 21526, P.O. Box 832. Tel.: +20 3 4 297688 / 4295007; Cell Phone: (+20) 01227231691, Fax: +20 3 428 5792. E-mail: yousefmokhtar@yahoo.com - yousefmokhtar@alexu-igsr.edu.eg*
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