



Mohamed Sayed Mohamed IBRAHIM

Professor of Analytical Chemistry, Clinical Pharmacy Research Department, Institute for Research and Medical Consultations (IRMC), Imam Abdulrahman Bin Faisal University (IAU), Saudi Arabia

Personal Data

Nationality | Egyptian

Date of Birth | 21 July 1962

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Language Proficiency

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

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
1992	Ph.D.	Chemistry Department, Faculty of Science, Assiut University.	Assiut, Egypt
1989	M.Sc.	Chemistry Department, Faculty of Science, Assiut University	Assiut, Egypt
1984	B.Sc. (Honor)	Chemistry Department, Faculty of Science, Assiut University	Assiut, Egypt

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

PhD	Electrochemical studies of some thiopurines and thiopyrimidines derivatives at mercury electrode.
Master	Polarographic and voltammetric studies of some nucleic acid components.

Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work	Date
Professor	Clinical Pharmacy Research Department, Institute for Research and Medical Consultations (IRMC), IAU, Saudi Arabia	2017-current
Professor	Chemistry Department, Faculty of Science, Assiut University, Assiut, Egypt	2002-2017
Associate Professor	Chemistry Department, Faculty of Science, Assiut University, Assiut, Egypt	1997-2001
Associate Professor	Chemistry Department. Faculty of Science, United Arab Emirates University, UAE	1997-2003
Assistant Professor	Chemistry Department, Faculty of Science, Sana'a University, Sana'a, Yemen	1995-1996



Assistant Professor	Chemistry Department, Faculty of Science, Assiut University, Assiut, Egypt	1992-1996
Teaching Assistant	Chemistry Department, Faculty of Science, Assiut University, Assiut, Egypt	1989-1992
Demonstrator	Chemistry Department, Faculty of Science, Assiut University, Assiut, Egypt	1984-1989

Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date
President of Sohag University	Sohag University, Sohag, Egypt	2008-2011
Vice Dean for Education and Students affairs	Faculty of Science, Assiut University, Assiut, Egypt	2006-2008

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.	<i>Nurudeen A. Odewunmi, Abdel-Nasser Kawde, <u>Mohamed Ibrahim</u></i>	In-situ single-step electrochemical AgO modified graphite pencil electrode for trace determination of DL-methionine in human serum sample	<i>Sensors & Actuators: B. Chemical 281 (2019) 765–773</i>
2.	<i><u>Mohamed Ibrahim</u>, Hossieny Ibrahim, Noor Almandil and Abdel-Nasser Kawde</i>	Gold nanoparticles/f-MWCNT nanocomposites modified glassy carbon paste electrode as a novel voltammetric sensor for the determination of cyproterone acetate in pharmaceutical and human body fluids	<i>Sensors and Actuators B, Volume 274, 20 November 2018, Pages 123-132</i>
3.	<i><u>Mohamed Ibrahim</u>, Hossieny Ibrahim, Noor B. Almandil, Abdel-Nasser Kawde</i>	A novel nanocomposite based on gold nanoparticles loaded on acetylene black for electrochemical sensing of the anticancer drug topotecan in the presence of high concentration of uric acid	<i>Journal of Electroanalytical Chemistry 824 (2018) 22–31</i>
4.	<i>Yassien Temerk, <u>Mohamed Ibrahim</u>, Hossieny Ibrahim and Wolfgang Schuhmann</i>	Comparative studies on the interaction of anticancer drug irinotecan with dsDNA and ssDNA	<i>RSC Adv., 2018, 8, 25387–25395</i>
5.	<i>Azeem Rana, <u>Mohamed Ibrahim</u>, Abdel-Nasser Kawde</i>	"Simple and sensitive detection of 4-nitrophenol in real water samples using gold nanoparticles modified pretreated graphite pencil electrode"	<i>Journal of Electroanalytical Chemistry, 820 (2018) 24–31.</i>
6.	<i>Nurudeen A. Odewunmi, Abdel-Nasser Kawde and <u>Mohamed Ibrahim</u></i>	Electrochemically Inspired Copper(II) Complex on Disposable Graphite Pencil Electrode for Effective Simultaneous Detection of Hypoxanthine, Xanthine, and Uric acid	<i>Electroanalysis, 11 July 2018, https://doi.org/10.1002/elan.201800397</i>



7.	Muhammad Taha, Ashik Mosaddik, Fazal Rahim, Sajjad Ali, Mohamed Ibrahim , Noor Barak Almandil	"Synthesis, antiglycation and Antioxidant potentials of Benzimidazole Derivatives"	<i>Journal of King Saud University – Science, in press, 2018.</i> https://doi.org/10.1016/j.jksus.2018.04.003
8.	M.S. Ibrahim , Y.M. Temerk and H.S.M. Ibrahim	"Fabrication of Sn doped ceria nanoparticles modified glassy carbon past electrode for the selective determination of the anticancer drug dacarbazine in pharmaceuticals"	<i>RSC Adv.,7, 32357-32366 (2017).</i>
9.	Y.M. Temerk, M.S. Ibrahim , H.S. Ibrahim, M. Kotb	Adsorptive stripping voltammetric determination of anticancer drug lomustine in biological fluids using in situ mercury film coated graphite pencil electrode	<i>Journal of Electroanalytical Chemistry 760, 135-142 (2016)</i>
10.	Y Temerk, M Ibrahim , H Ibrahim, M Kotb	"Interactions of an anticancer drug lomustine with single and double stranded DNA at physiological conditions analyzed by electrochemical and spectroscopic methods"	<i>Journal of Electroanalytical Chemistry 769, 62-71(2016).</i>
11.	Y.M. Temerk, M.S. Ibrahim , H.S.M. Ibrahim and M. Kotb	"Interaction of an anticancer drug Formestane with single and double stranded DNA at physiological conditions"	<i>Journal of Photochemistry and Photobiology B: Biology 149, 27-36 (2015)</i>
12.	M.S. Ibrahim , Y.M. Temerk, H.S.M. Ibrahim and M. Kotb	"Indium oxide nanoparticles modified carbon paste electrode for sensitive voltammetric determination of aromatase inhibitor formestane"	<i>Sensors & Actuators: B. chemical, 209:630-638 (2015).</i>
13.	Kamal, M. Mohamed; Abdalla, E. Mahmoud; Ibrahim, M. Sayed ; Temerk, Y. M	"Electrochemical studies of ascorbic, dopamine and uric acid at DL-norvaline deposited glassy carbon electrode"	<i>Can. J. Chem. 92:329-336 (2014).</i>
14.	M. S. Ibrahim , H. S. M. Ibrahim, M. M. Kamal and Y. M. Temerk	"Electrochemical Comparison of the Interaction of 5-Nitouracil with Single- or Double-Stranded DNA at mercury and glassy carbon electrodes"	<i>APJES II-I:01-08 (2014).</i>
15.	Y. M. Temerk, M. S. Ibrahim , M. Kotb, W. Schuhmann	"Renewable Pencil Electrodes for Highly Sensitive Anodic Stripping Voltammetric Determination of 3-Hydroxyflavone and Morin in Bulk Form and in Biological Fluids"	<i>Electroanalysis, Vol.25 No.6, 1381 – 1387, 2013</i>
16.	Y. M. Temerk, M. S. Ibrahim , M. Kotb and W. Schuhmann,	"Interaction of antitumor flavonoids with dsDNA in the absence and presence of Cu(II)"	<i>Anal Bioanal Chem, Vol. 405, 3839–3846, 2013</i>



17.	Y.M. Temerk, <u>M.S. Ibrahim</u> and M. Kotb	"Square-Wave Cathodic Adsorptive Stripping Voltammetric Determination of 3-Hydroxyflavone, Morin and Hesperidin in Bulk Form and Biological Fluids in Absence and Presence of Cu(II)"	J. Braz. Chem. Soc., Vol. 22, No. 11, 2056-2064, 2011.
18.	Y.M. Temerk, M.M. Kamal, <u>M.S. Ibrahim</u> and H.S.M. Ibrahim	"Electrochemical Behaviour of the Anticancer Dacarbazine-Cu ²⁺ Complex and Its Analytical Applications"	Electroanalysis Vol. 23, No. 7, 1638 – 1644, 2011.
19.	Y.M. Temerk, <u>M.S. Ibrahim</u> and M. Kotb	"Voltammetric and spectroscopic studies on binding of antitumor Morin, Morin-Cu complex and Morin – β -cyclodextrin with DNA"	Spectrochim. Acta Part A: Mol. Biomol. Spectrosc. 71, 1830-1836 (2009)
20.	Y. M. Temerk, M. M. Kamal, <u>M.S. Ibrahim</u> , and A. Alhagri	"Voltammetric Studies for Analytical Determination of Antibacterial Danofloxacin and Orbifloxacin"	Eurasian Journal of Analytical Chemistry, 4(1)53-65 (2009).
21.	A.A.O. Sarhan, <u>M.S. Ibrahim</u> , M.M.Kamal	Synthesis, Cyclic Voltammetry, and UV-Vis Studies of Ferrocene dithiafulvalenes as Anticipated Electron- Donor Materials	Monatshefte Fur Chemie, 140 (2009) 315-323
22.	Y. M. Temerk, M. M. Kamal, <u>M. S. Ibrahim</u> , M.S.Alnozilil and A. Alhagri.	Differential Pulse Cathodic Adsorption Stripping Voltammetric Determination of Antibacterial Difoxacin.	International Journal of Pure and Applied Chemistry, 3(1) 49-56 (2008).
23.	Y.M. Temerk, M.M. Kamal, <u>M.S. Ibrahim</u> , and H.S. M. Ibrahim	Chelate Adsorption for Trace Voltammetric Determination of Xanthosine 5'-Monophosphate and Xanthosine 5'-Diphosphate	Microchimica. Acta, 153, 57-64 (2006).
24.	<u>M.S. Ibrahim</u> , Y.M. Temerk, M.M. Kamal, G. A.-W Ahmed and H. M. Ibrahim	"Ultra-Sensitive Anodic Stripping Voltammetry for the Determination of xanthine at a Glassy Carbon Electrode"	Microchimica. Acta, 144: 249-256 (2004)
25.	<u>M.S. Ibrahim</u> , M.M. Kamal and Y.M. Temerk	"Comparison of the voltammetric studies at mercury and glassy carbon electrodes for the interaction of lumichrome with DNA and analytical applications"	Anal. Bioanal. Chem., 375: 1024-1030 (2003)
26.	<u>M.S. Ibrahim</u> , I.S. Shehatta and M.R. Sultan	"Cathodic Adsorptive Stripping Voltammetric Determination of Nalidixic Acid in Pharmaceuticals, Human Urine and Serum"	Talanta, 56/3: 471- 479 (2002).



27.	I.S. Shehatta , <u>M.S. Ibrahim</u> and M.R. Sultan	“The Antimicrobial Nalidixic Acid as a probe for molecular recognition of α - and β - Cyclodextrins”	Can. J. Chem. 80: 1313-1320 (2002).
28.	<u>M.S. Ibrahim</u> , I.S. Shehatta and A.A. Al-Nayeli	“Voltammetric Studies of the Interaction of Lumazine with Cyclodextrins and DNA”	Pharmaceutical and Biomedical Analysis, 28: 217-225 (2002).
29.	<u>M.S. Ibrahim</u> , K.M. Al-Magboul and M.M. Kamal	“Voltammetric Determination of the Insecticide Buprofezin in soil and water”	Analytica Chimica Acta, 432: 21-26 (2001).
30.	<u>M.S. Ibrahim</u>	“Voltammetric studies of the interaction of Nogalamycin Antitumor Drug with DNA”	Analytica Chimica Acta, 443: 63-72 (2001).
31.	<u>M.S. Ibrahim</u> , M.S. El-Maazawi, K.M. Al-Magboul and M.M. Kamal	“Determination of Amitraz Pesticide by Adsorptive Stripping Voltammetry on the Hanging Mercury Drop Electrode”	Mikrochimica Acta, 137: 215-220 (2001).
32.	I.S. Shehatta and <u>M.S. Ibrahim</u>	“Binding of Anti-inflammatory Drug Indomethacin with Cyclodextrin and DNA: Solubility, Spectroscopic, and Voltammetric Studies”	Can. J. Chem., 79: 1431-1438 (2001).
33.	A. S. Amin and <u>M.S. Ibrahim</u>	"Determination of Nickel in Biological Samples Spectrophotometrically Involving Complexation Reaction with Some Thiazolylazo Compounds”	Annali di Chimica, 91: 103-110 (2001).
34.	<u>M.S. Ibrahim</u>	“Voltammetric Behaviour and Determination of the Anthracycline Antitumor Drug Nogalamycin”	Analytica Chimica Acta, 409: 105-112 (2000).
35.	<u>M.S. Ibrahim</u>	“Phase-Selective a.c. Adsorptive Stripping Voltammetry of Lumazine on a Hanging Mercury Drop Electrode”	Fresenius J. Analytical Chemistry, 367: 189-194 (2000).
36.	<u>M.S. Ibrahim</u> and Y.M.Temerck	“Trace Voltammetric Measurements of Cancerostatic Actinomycin-C1”	Analisis, 26: 145-149 (1998).
37.	<u>M.S. Ibrahim</u> , M.E.Ahmed , A.M. Kawed and Y.M. Temerk	“Adsorption Preconcentration and Voltammetric Determination of Xanthine at the Hanging Mercury Drop Electrode”	Analisis, 24: 6-9 (1996).
38.	M.E. Ahmed, <u>M.S. Ibrahim</u> , Y.M. Temerk and A.M. kawde	“Comparative Studies on the Adsorption and Association of 3-Methylxanthine and 7-Methylxanthine at a Charged Interface”	Monatshefte Fur Chemie, 127: 609-619 (1996).
39.	<u>M.S. Ibrahim</u> , Y.M.Temerck, M.E. Ahmed and A.M. Kawde	“Adsorption Stripping Voltammetry Measurements of Copper Chelates of	Analisis, 24: 84-88 (1996).



		3-Methylxanthine and 7-Methylxanthine"	
40.	<u>M.S. Ibrahim</u> , M.E. Ahmed, Y.M. Temerk and A.M. Kawde	"Adsorption Stripping Voltammetric Behaviour of Hypoxanthine"	Analytica Chimica Acta, 328: 47-52 (1996).
41.	M.E. Ahmed, <u>M.S.Ibrahim</u> , Y.M.Temerk and A.M. Kawde	"Adsorption and Association of Xanthine in Absence and Presence of Some Divalent Metal Ions at The Mercury / Solution Interface"	Electrochimica Acta, 41, 2883-2892 (1996).
42.	Y.M. Temerk, Z.A. Ahmed and <u>M.S. Ibrahim</u>	"Adsorptive Accumulation in Stripping Voltammetry of 2-Thiocytidine"	Analisis J., 24: 10-13 (1996).
43.	<u>M.S.Ibrahim</u>	"Adsorption Stages and Interfacial Orientations of Cytidine Sulphate at the Mercury / Electrolyte Interfac"	Electrochimica Acta Vol. 40, 1913-1919 (1995).
44.	<u>M.S. Ibrahim</u> , Z.A. Ahmed, M.M. Kamal and Y.M. Temerk	"Adsorption and Accumulation of Neutral Red At Mercury Solution interface"	Collect. Czech. Chem. Commun. , 60: 65-75 (1995).
45.	<u>M.S. Ibrahim</u> , Z.A. Ahmed, Y.M. Temerk and H. Berg.	"Voltammetry of Adsorbed Cancerostatic Actinomycins"	Bioelectrochem. Bioenerg., 36: 149-156 (1995).
46.	Z.A. Ahmed, M. E. Ahmed, <u>M. S. Ibrahim</u> , M. M. Kamal and Y.M.Temerk	"Comparative Studies on The Interfacial Behaviour of Some Nucleic Acids Bases with and Without Thio Group"	Bioelectrochem. Bioenerg., 38, 359-365 (1995).
47.	Z.A.Ahmed, M.E.Ahmed, Y.M. Temerk, <u>M.S. Ibrahim</u> and M.M. Kamal	Interaction of Thiopurine Derivatives with Mercury Electrode.	<i>Bull. Fac. Sci. Assiut Univ.</i> , 24: 97-109 (1995).
48.	Z.A. Ahmed, M.E.Ahmed, <u>M.S.Ibrahim</u> , M.M.Kamal and Y.M.Temerk	"Chelate Adsorption for Trace Voltammetric Measurements of 2-Thiouracil and 4-Thiouridine"	<i>Talanta</i> , 41: 659-662 (1994).
49.	Z.A. Ahmed, M.E. Ahmed, <u>M.S. Ibrahim</u> , M.M. Kamal, Y.M. Temerk	"Adsorption and Association of 6-Thiopurine and 6-Thiopurine Riboside at Charged Interfaces"	<i>Analytica Chimica Acta</i> , 289: 329-337 (1994).
50.	Z.A. Ahmed, M.E. Ahmed, <u>M.S. Ibrahim</u> , M.M. Kamal, Y.M. Temerk.	"Stripping "Voltammetry with Adsorption Accumulation for trace determination of Some Thioguanine Derivatives"	<i>Analisis</i> , 22: 82-86 (1994).
51.	<u>M.S. Ibrahim</u>	"Structural and Adsorption Effects of Some Thiopurine and Thiopyrimidine derivatives on Their Catalytic Activity at The Mercury Electrode"	<i>Collect. Czech. Chem. Commun.</i> , 59: 1472-1482 (1994).



52.	Y.M.Temer, <u>M.S. Ibrahim</u> , M.E.Ahmed, Z.A.Ahmed and M.M. Kamal.	"Voltammetric Studies of The Adsorption and Conformation of Polyribocytidylic Acid at the Mercury Electrode Surface"	Bioelectrochem. Bioenerg., 34: 77-82 (1994).
53.	Y.M. Temerk, Z.A. Ahmed, M.E. Ahmed, <u>M.S. Ibrahim</u> , and M.M. Kamal.	"Cathodic Adsorptive Stripping Voltammetry of 6-thiopurine in Absence and Presence of Some Metal Ion".	<i>Fresenius J. Anal. Chem.</i> , 345: 733-736 (1993).
54.	M.M. Kamal, Z.A. Ahmed, M.E. Ahmed, <u>M.S. Ibrahim</u> and Y.M. Temerk.	" Comparative Studies on the Interfacial Behaviour of Adenylyl-(3'-5')-guanosine by Phase Sensitive ac Voltammetry, Pulse Voltammetry and Single Sweep Voltammetry at Charged Interfaces"	<i>Analytical letters</i> . 25 /2: 293- 303 (1992).
55.	Y.M.Temer, M.M.Kamal, Z.A.Ahmed, M.E. Ahmed, and <u>M.S. Ibrahim</u> .	"Adsorptive Stripping Analysis of Thiocytosine at the Static Mercury Electrode Surface"	<i>Fresenius J. Anal. Chem.</i> 342: 601-605 (1992).
56.	M.M.Kamal, Z.A.Ahmed, M.E.Ahmed, <u>M.S. Ibrahim</u> and Y.M. Temerk.	"Studies on the Surface Orientation of Uracil, Uridine, Thymine and Thymidine at the Mercury Electrode Surface by Electrocapillary Measurement".	Bioelectrochemistry and Bioenergetics, 25: 137-144 (1991).
57.	Y.M. Temerk, M.M. Kamal, Z.A. Ahmed and <u>M.S. Ibrahim</u>	"Application of Differential Pulse Polarography for Trace Determination of Polycytidylic Acid in Absence and Presence of Some Metal ions"	<i>Fresenius J. Anal. Chem.</i> 336: 589-592 (1990).
58.	M.M. Kamal, Y.M. Temerk, Z.A. Ahmed and <u>M.S. Ibrahim</u> .	"Comparative Studies on the Adsorption and the Association of Thymine and Thymidine at the Charged Interface"	Bioelectrochemistry and Bioenergetics, 24: 165-177 (1990).
59.	Y.M. Temerk, M.M. Kamal, Z.A. Ahmed and <u>M.S. Ibrahim</u>	"The Effect of pH and Nature of the Anions of Supporting Electrolyte on the Adsorption and the Association of Uracil and Uridine at the Charged Interface"	<i>J.Electroanalytical Chemistry</i> , 260 201-212 (1989).

Refereed Scientific Research Papers Accepted for Publication

#	Name of Investigator(s)	Research Title	Journal	Acceptance Date
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Muhamed Taha, Syahrul Imran, Fazal Rahim, Abdul Wadood, Noor Barak Almandil, Khaled A.A. Alkadi, Syed Adnan Ali Shah, Ashik Mosaddik and Mohamed Ibrahim	Oxadiazole and Thiadiazole Derivatives: Novel β -Glucuronidase Inhibitory Potential and Their Molecular Docking Study	Molecules	4 May 2018
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Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

#	Name of Investigator(s)	Research Title	Conference and Publication Date
1.	M. S. Ibrahim, Y.M. Temerk and H.S.M. Ibrahim	"Fabrication of Sn doped ceria nanoparticles modified glassy carbon past electrode for the selective determination of the anticancer drug dacarbazine in pharmaceuticals"	Electrochemistry 2016. innovative, interdisciplinary, essential., Goslar, Germany September 26th – 28th, 2016.
2.	M. S. Ibrahim, A. M. Kawde, M.M. Kamal, and Y.M. Temerk	"Electrochemical Investigation of the 5-NitroUracil Interaction with DNA in Absence and Presence of Copper Ions at Different Electrode Surfaces and its Analytical Application"	Biometals 2004 Conference, Germany, September 1- 3, 2004.
3.	M.S. Ibrahim, M.M. Kamal and Y.M. Temerk	"Comparison of the voltammetric studies at mercury and glassy carbon electrodes for the interaction of lumichrome with DNA and analytical applications"	Euroanalysis-12 European Conference on Analytical Chemistry, Germany, 8-13 September, 2002.
4.	M.S. Ibrahim	"Voltammetric Studies of the interaction of some anticancer anthracycline drugs with DNA"	The Third Annual Research Conference, Al Ain, United Arab Emirates, April 30th – May 1st, 2002.
5.	M.S. Ibrahim, Y.M. Temerk	"Trace voltammetric measurements of cancerostatic actinomycin-C1"	The first international Conference on Basic Science and Advanced Technology" 9-12 November 1996, Assiut, Egypt.

Completed Research Projects

#	Name of Investigator(s) (Supported by)	Research Title	Report Date
1.	M.S. Ibrahim, Research Project Funded by the United Arab Emirates University, 1998-1999.	"Stripping Voltammetric Determination of Some Anticancer Anthracycline Drugs"	May 1999



2.	I.S. Shehatta and <u>M.S. Ibrahim</u> Research Project Funded by the United Arab Emirates University, 1999-2000.	"Solubility, Stability and Assay of Some Antihistaminic Drugs: Thermochemical and Analytical Approach"	March 2000
3.	<u>M.S. Ibrahim</u> , Research Project Funded by the United Arab Emirates University, 2000-2001.	"Voltammetric Studies of the interaction of some anticancer anthracyclin drugs with DNA"	May 2001
4.	<u>M.S. Ibrahim</u> and Khalid J. Ahmed Abdullah Akran Research Project in Environmental Science Funded by Dubai Aluminum Company, United Arab Emirates, 1999-2002.	Recovery of Usable Silicon Carbide through Detoxification of Carbonaceous Cathode Waste in Dubal Aluminum Company"	April 2002
5.	<u>M.S. Ibrahim</u> and Khalid M. Al-Magboul Research Project in Environmental Science, Funded by United Arab Emirates University, 1998-2001.	"Determination and Catalytic Degradation of some Pesticides in different environmental pollutants"	May 2001
6.	<u>M.S. Ibrahim</u> , I.S. Shehatta and A.A. Al-Nayeli Research Project in Environmental Science, Funded by United Arab Emirates University, 2000-2002.	"Enhancement of Bioavailability and Determination of some Flouroquinolines Antibiotics; Application to UAE Market"	February 2002

Current Researches

#	Research Title	Name of Investigator(s)
1.	Development of Novel Electrochemical Sensors for Anticancer Drugs Trace Determination and their Interactions with DNA Reveals the Future of Cancer Diagnostics	<u>M.S. Ibrahim</u> , Hossieny Ibrahim, Noor B Almandil, Abdel-Nasser, <i>et al.</i>
2.	Gold nanoparticles/f-MWCNT nanocomposites modified glassy carbon paste electrode as a novel voltammetric sensor for the determination of cyproterone acetate in pharmaceutical and human body fluids.	<u>Mohamed Ibrahim</u> , Hossieny Ibrahim, Noor B Almandil, Abdel-Nasser, <i>et al.</i>
3.	Synergetic effect of a mixture of sodium hydroxide and sodium acetate on electrochemically treated graphite pencil electrodes for trace detection of hazardous 4-chloro-1-naphthol in real water samples.	A. Rana, <u>Mohamed Ibrahim</u> , Abdel-Nasser Kawde



4.	Graphite Pencil Material for the Simultaneous Determinations of Uric acid, Xanthine, Hypoxanthine, and Ascorbic acid in Urine and Serum Samples.	N. Odewunmi, <u>Mohamed Ibrahim</u> and Abdel-Nasser Kawde
5.	A novel nanocomposite based on gold nanoparticles loaded on acetylene black for electrochemical sensing of the anticancer drug topotecan in the presence of high concentration of uric acid.	<u>Mohamed Ibrahim</u> , Hossieny Ibrahim, Noor B Almandil, Abdel-Nasser Kawde
6.	Graphene-methylene blue pseudo-3D extended layered Graphite Pencil Electrode for Dopamine, Uric Acid, and L-Tyrosine Sensing.	N. Baig, Abdel-Nasser Kawde, Ahmed Abd El Fattah, <u>Mohamed Ibrahim</u>

Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
1.	"The thirty-five circle for the general conference of UNESCO International Organization for education, science and culture"	Paris, France, 12-16 October 2009	Chairman of the Egyptian Committee
2.	"The seventh scientific conference for the department of plastic surgery" (Invitation of the American Association "Rotaplast" for performing 200 free operations for children with harelip and cleft palate)	Sohag, Egypt, 7-21 June 2009	Honorary Chairman of the Conference
3.	"The international conference (seven seasons of German-Egyptian co-operation in the field of excavation) between Sohag University and the German Mines University	Sohag, Egypt, 10 October 2009	Honorary Chairman of the Conference
4.	The 14 th meeting for the Arab students training offers exchange, Association of Arab Universities,	Assiut university, Egypt, 2008	Coordinator
5.	The "problems of the young students"	Assiut University, Egypt, April 2008.	Member of the organizing committee
6.	Violence and conflicts in the South countries	Assiut University, Egypt, April 2007	Member of the organizing committee

Membership of Scientific and Professional Societies and Organizations

- Member of the Egyptian Syndicate of Scientific Professions.
- Member of the Egyptian Society for Electrochemistry.
- Member of the Board council of industrial zones, Sohag Government: 2008-2011.

Teaching Activities



Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1.	Analytical Chemistry		Instructor - 2 lectures+ Lab /weak
2.	Instrumental Analysis		Instructor - 2 lectures + Lab/weak
3.	General Chemistry		Instructor - 2 lectures/weak
4.	Analytical Chemistry For non-Chemistry Students		Instructor - 2 lectures+ Lab/weak
5.	Selected Topics in Analytical Chemistry		Instructor - 2 lectures/weak

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

1.	General Chemistry (CHEM111): Matter and measurement. Atoms, molecules and ions. Chemical stoichiometry. Acids-Bases and oxidation-reduction reactions. Oxidation numbers and the balancing of equations. The electronic structure of atoms and the periodic table of elements. Periodic properties of the elements. Basic concepts of chemical bonding and molecular geometry. Gases. Intermolecular forces. Solubility and Concentration units.
2.	Analytical Chemistry (CHEM221): Volumetric and gravimetric methods which based on solution equilibria, Errors in chemical analysis, kinetic methods of analysis and non-chromatographic separation methods.
3.	Instrumental Analysis (CHEM321): Theory and applications of instrumental analytical techniques, Spectrochemical, electrochemical and chromatographic techniques.
4.	Analytical Chemistry for Non-Majors (CHEM281): Titrmetric methods based on acid-base reactions, complex formation, precipitation and oxidation-reduction reactions. Instrumental methods include spectrochemical, electrochemical and chromatographic techniques.
5.	Selected Topics in Analytical Chemistry CHEM421: Basic instrumental aspects, and analytical applications of mass spectrometry, atomic absorption spectroscopy (AAS), Thermal analysis (TGA, DTA, DSC) and hyphenated techniques.

Postgraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1.	Environmental Chemistry (M.Sc.)		Instructor - 2 lectures/weak
2.	Research Seminar (M.Sc.)		Instructor, coordinator - lecture/weak
3.	Special Topics in Natural Science (M.Sc.)		Instructor - 2 lectures/weak

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

1.	Environmental Chemistry: Application of chemical principles and techniques to specific environmental problems and chemical interrelationship among these problems. Air and water pollution. Organic and inorganic pollutants. Tools of removal and recovery of pollutants. New methods of environmental detection and sampling.
2.	Special Topics in Natural Science: Basic principles of environmental science with applications in chemistry, ecology and geology, ecosystems, climate change, pollution and sustainable development.
3.	Research Seminar: Research Seminar is an introductory course in research design. Research Seminar is taught under a general theme selected by the instructor or alternatively as an open topic format. Students



will select a specific issue/problem issues corresponding to their interests, and develop a formal research proposal. In consultation with their Academic Committee, students may use this Research Seminar to begin to explore aspects of their Advanced Project.

Course Coordination

#	Course Title and Code	Coordination	Co-coordination	Undergrad.	Postgrad.	From	to
1.	General Chemistry 1	M. S. Ibrahim	Other instructors	√		2000	2002
2.	Research seminar	M. S. Ibrahim	Other instructors		√	2001	2002
3.	Instrumental Analysis	M. S. Ibrahim	Other instructors	√		2002	2003

Guest/Invited Lectures for Undergraduate Students

#	Activity/Course Title and Code	Subject	College and University or Program	Date
1.	General Chemistry	Matter and measurement, Electronic structure of atoms, Chemical equilibria, Chemical stoichiometry, State of matter, Solubility and Concentration units.	Faculty of Dentistry, Assiut University	2014-2016
2.	General Chemistry	Qualitative and quantitative analysis, Chemical equilibria and stoichiometry, State of matter, Solubility and Concentration units.	Faculty of Pharmacy, Assiut university	2004-2006

Student Academic Supervision and Mentoring

#	Level	Number of Students	From	to
1.	Level 1	20	1997	2000
2.	Level 3	10	1999	2003

Supervision of Master and/or PhD Thesis

#	Degree Type	Title	Institution	Date
1.	M.Sc. (Abdel-Naser M. Kawde)	Voltammetric Studies on some Xanthine Derivatives At the Mercury Electrodes	Chemistry Department, Faculty of Science, Assiut University	1996
2.	M.Sc. (Khalid A. Al-Magboul)	Determination and Catalytic Degradation of some Pesticides in different environmental pollutants	Chemistry Department, Faculty of Science, UAE University	2001
3.	M.Sc. (Mouza R. Soutan)	Enhancement of Bioavailability and Determination of some Flouroquinolines Antibiotics; Application to UAE Market	Chemistry Department, Faculty of Science, UAE University	2002
4.	M.Sc. (Khalid J. A. A. Akran)	Recovery of Usable Silicon Carbide through Detoxification of Carbonaceous Cathode Waste in Dubal Aluminum Company	Chemistry Department, Faculty of Science, UAE University	2003



5.	M.Sc. (Ibrahim A. M. Al Hagri)	Electroanalytical Studies on some Floroquinolon Compounds at the Charged Interfaces	Chemistry Department, Faculty of Science, Assiut University	2007
6.	M.Sc. (Mahmoud M. Madian)	Electrochemical studies and electroanalysis of see water	Chemistry Department, Faculty of Science, Al-Azhar University	2011
7.	M.Sc. (Mohamed Kotb)	Electrochemical studies on some Flavonoid compounds	Chemistry Department, Faculty of Science, Assiut University	2009
8.	Ph.D. (Ibrahim A. M. Al Hagri)	Electrochemical Studies on some β -Lactam Compounds on Charged Interfaces	Chemistry Department, Faculty of Science, Assiut University	2011
9.	Ph.D. (Hossieny S. Ibrahim)	Electrochemical Studies on some Anticancer Compounds at Charged Interfaces	Chemistry Department, Faculty of Science, Assiut University	2011
10.	Ph.D (Ehab M. Abd Allah)	Deposition of some organic compounds on the solid electrodes surfaces and their Applications	Chemistry Department, Faculty of Science, Al-Azhar University	2014
11.	Ph.D (Mohamed Kotb)	Electrochemical studies of some anticancer compounds on charged surfaces.	Chemistry Department, Faculty of Science, Assiut University	2016

Ongoing Research Supervision

#	Degree Type	Title	Institution	Date
1.	M.Sc.	Electrochemical studies on some anticancer drugs	Chemistry Department, Faculty of Science, King Fahad University for Petroleum and Minerals	2019

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

Administrative Responsibilities

#	From	To	Position	Organization
1.	2015	2017	Head of Nonorganic Chemistry Division	Chemistry Department, Faculty of Science, Assiut University, Egypt
2.	2008	2011	President of Sohag University	Sohag University, Sohag, Egypt
3.	2007	2008	Head of the Training and Professional Development Branch	Education University Development Center, Assiut University, Egypt
4.	2006	2008	Vice Dean for Education and Students affairs	Faculty of Science, Assiut University, Assiut, Egypt
5.	2006	2008	Supervisor	The atomic absorption spectroscopy unit, central laboratory, Assiut University, Egypt
6.	2003	2005	Assiut University President Advisor	Arab universities Affairs, Assiut University

Committee Membership



#	From	To	Position	Organization
1.	2015	2017	Member	Committee of Educational Studies sector in the Supreme Council for Egyptian Universities
2.	2015	2017	Member	Board Council of Education Development Center, Assiut University, Egypt
3.	2014	2015	Member	Committee for Graduate Studies and Research, Faculty of Science, Assiut University, Egypt
4.	2008	2011	Member	Supreme Council for Egyptian Universities, Ministry of Higher Education, Egypt
5.	2008	2011	Member	Scientific Conference for Egyptian Universities, Ministry of Higher Education, Egypt
6.	2008	2011	Member	Steering committee of the roads leading to the higher education project, Ministry of Higher Education, Egypt
7.	2008	2011	Member	National Center for Faculty and leadership Development (NCFLD) – Supreme Council of Universities- Egypt
8.	2007	2009	Member	Board council of Analytical Chemistry Unit, Faculty of Science, Assiut University, Egypt
9.	2006	2008	Chairman	Committee of Education and Student Affairs, Faculty of Science, Assiut University, Egypt
10.	2006	2008	Member	Faculty of Science council, Assiut University, Egypt
11.	2006	2008	Member	Education and Student Affairs Council at the level of Assiut University, Egypt
12.	2006	2008	Member	Higher Committee for student activities, Assiut University, Egypt
13.	2006	2008	Member	The Accreditation and Quality Assurance Unit, Faculty of Science, Assiut University, Egypt
14.	2006	2008	Member	The Projects Management Unit, Assiut University, Egypt
15.	1992	2017	Member	Chemistry Department council, Faculty of Science at the Universities of Assiut and United Arab Emirates

Scientific Consultations

#	From	To	Institute	Full-time or Part-time
1.	2004	2006	Assiut Cement Company, Assiut, Egypt	Part-time
2.	1994	1995	Egyptian Sugar & Integrated Industries Company	Part-time
3.	2008	2011	Company Drinking Water and Sanitation, Sohag, Egypt	Part-time

Volunteer Work

#	From	To	Type of Volunteer	Organization
	2008	2011	Organizing many medical and veterinary convoys for the external	Sohag Government, Egypt



			community through the cooperation with the National Council for Youth.	
	2008	2011	Organizing many cultural convoys in the Sohag government, Ex. Viral hepatitis, Smoking and Addiction, Climate Changes	Sohag Government, Egypt

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

1	<p><u>Experienced with PC system. Software packages experienced with using are:</u></p> <ul style="list-style-type: none"> • Microsoft Office "WindowsXP" (includes Word, Excel, PowerPoint, ...) • Statistical analysis programs (KaleidaGraph, SPSS,..) • Drawing programs (ISIS, Chemwin,...) • Computer Graphics (Macromedia Flash, Adobe Photoshop.) • Using Multimedia in Teaching.
2	<p><u>Analytical techniques:</u> Experienced with the operation and applications of various analytical techniques and instruments such as polarography/voltammetry (AC, DPP, NPP, DCP, LSV,DPV, SWV), Stripping techniques (DPSV, DCSV, ACSV), optical techniques (UV-visb spectroscopy, AAS, IR, NMR,...) , chromatographic techniques (TLC, GC, HPLC, ...) and Thermal analysis (TG, DTG, DTA, ..).</p> <p><u>Post-author of two books in the field of analytical chemistry, United Arab Emirates University:-</u></p> <ul style="list-style-type: none"> • Laboratory Manual for Analytical Chemistry (CHEM 205) for Major Chemistry Students, 1999/2000. • Laboratory Manual for Analytical Chemistry (CHEM 2522) for Non-major Chemistry Students 1999/2000.
3	<p><u>Workshops and Training Programs</u></p> <ul style="list-style-type: none"> • Regional Reflection Workshop on "<u>Institutional Change Processes and Lessons learnt from Change Resilience</u>" <i>Organized by IUCN Regional office for West Asia and ISESCO, Marrakesh, Morocco, 27-29 April, 2013.</i> • Workshop on "<u>Personality Types and Success Strategies</u>" Organized by Faculty and leadership Development project (FLDP), <i>Assiut university, March 2007, Assiut, Egypt.</i> • Workshop on "<u>New trends in scientific research</u>" Faculty and Leadership Development Project (FLDP), <i>Assiut University, December 5-6, 2006.</i> • On-line course on "<u>e-Learning using A Tutor</u>" Organized by Higher Education Enhancement Project Fund (HEEPF), <i>May 2005, Cairo, Egypt.</i> • Training program on "<u>Teaching for Learning</u>", Faculty and leadership Development project, Ministry of Higher Education , <i>June 11-12, 2004, Assiut, Egypt.</i> • Workshop on "<u>Using Multimedia in Teaching</u>" Assiut university, <i>February 15-16, 2004, Assiut, Egypt.</i> • Workshop on "<u>New Trends in Teaching</u>" United Arab Emirates University, <i>March 12, 2003.</i> • Workshop on "<u>Management of the Projects Funded by by the Higher Education Enhancement Project Fund (HEEPF)</u>" <i>November 2004,Cairo, Egypt.</i> • Workshop on "<u>Training of trainers</u>" (TOT), Faculty and leadership Development project, Ministry of Higher Education , <i>January 3-7, 2004, Cairo, Egypt.</i>



	<ul style="list-style-type: none"> • Training program on "<u>Course Desing and Educational outcomes</u>" <i>United Arab Emirates University, 10-12 February, 2003.</i> • The Workshop in "<u>Statistical Analysis Using SPSS</u>", <i>United Arab Emirates University, May 11-12, 2003.</i> • Workshop on "<u>Computer Graphics</u>", <i>United Arab Emirates University, 10-12 April,1999.</i> • The Fifth International School and Workshop of "<u>Crystallography: Teaching and Applications</u>", <i>Suez Canal University, Egypt, 5-11 April, 1997.</i> • The First Workshop in "<u>Electrochemistry</u>", <i>Sohag, Egypt, 3-4 April,1994.</i>
4	<p><u>Education Projects</u></p> <ul style="list-style-type: none"> • "Constructing of a teaching Resources and Multimedia Center" Educational Project Funded by the Ministry of Higher Education, (Higher Education Enhancement Project Fund (HEEPF) , Egypt, 2006-2007. <i>(Vice-Project Manager)</i> • "Development of Professional Diploma Courses for Students of Special Education Branch to Deal with the Blind and the Deaf" Educational Project Funded by the Ministry of Higher Education, (Higher Education Enhancement Project Fund (HEEPF) , Egypt, 2006-2007. <i>(Vice-Project Manager)</i>
5	<p><u>Scientific visits:</u></p> <ul style="list-style-type: none"> • A training course on "Microfabrication Analytical Devices: Fluid and Gas Analysis", Germany: September 2002.
6	<p><u>Awards:</u></p> <ul style="list-style-type: none"> • Mohamed Abd-El Salam prize in Chemistry, Academic Science Research and Technology, Egypt, 1996.
7	<ul style="list-style-type: none"> • Constructing a Strategic plan unite, Sohag University, Egypt:2009
8	<ul style="list-style-type: none"> • Contract several international agreements and protocols with many foreign universities and institutions and Sohag University, Egypt: 2008-2011.
9	<ul style="list-style-type: none"> • Certified Trainer in the Faculty and leadership Development project (FLDP), Supreme Council of Universities, Egypt (TOT1).
10	<ul style="list-style-type: none"> • Participant in the Accreditation of the Chemistry Department (Faculty of Science, UAE University) from the Canadian Chemical Society:2000-2003.

Last Update

7/8/2018