



-Personal information

Full Name: Abeer Mohamed Elaied

Abeer Mohamed Elsaied Hassan, Ph.D.

Assistant Professor of Pharmaceutical Analytical Chemistry

Department Analytical Chemistry

Faculty of Pharmacy, October 6 University

6th of October City, Giza, Egypt

**October 6 University, 6th of October City, Central Axis, Part
1/1, Behind Sixth of October City of Authority, 6th of October
Governorate, Egypt P O Box- 51178**

**e-mail: abeerelsaied351972@gmail.com
abeerelsaied@o6u.edu.eg**

Phone- +2 01141050049, Egypt

Fax: 002 38354275, Egypt

Nationality: Egyptian

Date of birth: 3/5/1972

Place of birth: Cairo

Marital status: Single

Address: Cairo, Elzitoun, 56

Hadayek Elzitoun St.

E-Mail: [abeerelsaied351972](mailto:abeerelsaied351972@gmail.com)

@ gmail.com

-Education:

- **Ph.D.** in Electroanalytical Chemistry (Chemistry, Ain Shams University ,2005)

Ph.D. Thesis: Preparation and Chracterization of Potentiometric Sensors for Determination of Some Hazardous Metal Ctions.

Preparation and Chracterization of Potentiometric Sensors for Determination of Some Hazardous Metal Ctions.

- **Master Degree** in Analytical and Inorganonic Chemistry (Chemistry, Ain Shams University, 2000)

M.Sc. Thesis: Synthesis And Characterization of Some New Transition metal Complexes Using Schiff Base As Ligands.

B. Pharm. Sci. (Ain Shams University,1993) Excellent Degree with honor.

-Professional occupations:

- **Demonstrator** (Chemistry , Ain Shams University, 1993)
- **Assistant lecturer** (Chemistry, Ain Shams University, 2000)
- **Lecturer** (Chemistry, Ain Shams University, 2005)

-Experience

TEACHING EXPERIENCE

-Appointed for the post of Lecturer in Department of Pharmaceutical Analytical Chemistry, Faculty of Pharmacy, October 6 University, Dated 1-09-2007-Continue.

-Appointed for the post of Lecturer in Department of Chemistry, Faculty of Science, Taif University, Tife, Kingdom Saudi Arabia, dt.15-8-2005 to 15-7-2009.

-Appointed for the post of Lecturer in (Atomic Energy Authority, National Center For Nuclear Safety and Radiation Control (NCNSRC), Nasr City, Cairo, dt.2005-2009.

-Appointed for the post of Assistant Lecturer in (Atomic Energy Authority, National Center For Nuclear Safety and Radiation Control (NCNSRC), Nasr City, Cairo, dt.2000-2005.

-Appointed for the post of Demonstrator in (Atomic Energy Authority, National Center For Nuclear Safety and Radiation Control (NCNSRC), Nasr City, Cairo, dt.1994-2000.

- Appointed for the post of temporary Demonstrator in Department of Chemistry, University College for Women (Arts, Science, &Education), Ain Shams University, dt.15-9-1993 to 31-5-2000.

-Appointed for the post of temporary Assistant Lecturer in Demonstrator Department of Chemistry, University College for Women (Arts, Science &Education), Ain Shams University, dt. 2000 to 2005.

- Supervising and co supervising 5 master students and 1 PhD students.

PROFESSIONAL TRAINING

-Workshop and training course on" Capillary Electrophoresis" Unit of Drug Analysis and Pharmaceutical preparations in Faculty of Pharmacy,Masara University,May 12-14,2015.

-Teaching Strategies and Effective Learning Held from 16/11/2015 to 17/11/2015,National Authority for Quality Assurance and Accreditation of Education.

-Introduction in Credit Hours and Academic Advising held from 28/2/2015, Center of Quality Assurance and Accreditation of Education, October 6 University.

-Faculty and Leadership Development held from 6/4/2014 to 10/4/2014, Training center and Consultants,October 6 University.

-Work Pressure and Time Management held from 27/11/2013,Center of Quality Assurance and Accreditation of Education, October 6 University.

- Organization Scientific Conferences Held from16/1/2012 to 18/1/2012 Faculty and Leadership Development Center – Cairo university.

- Use of Technology in Teaching Held from 2/1/2012 to 4/1/2012 Faculty and Leadership Development Center – Cairo University.

-Examination Techniques &Student Evaluation Held from 26/12/2011 to 28/1/2011 Faculty and Leadership Development Center – Cairo University.

4-Strategic Planning Held from 26/9/2011 to 28/9/2011 Faculty and Leadership Development Center – Cairo University.

- Quality Assurance Standards for Higher Education Held from 1/3/2011 to 3/3/2011 Faculty and Leadership Development Center – Ain Shames University.

-International Publications Held from 1/1/2011 to 3/1/2011 Faculty and Leadership Development Center – Ain Shames University.

- Complete Training Course on The Application of the OECD Principles of Good Laboratory Practices (GLP) of Egypt (2010).
- Complete Training Course on Strategies and Method of Students Evaluation – TAIIF UNIVERSITY-UNIVERSITY DEVELOPMENT DEANSHIP- KINGDOM OF SAUDI ARABIA(2007).
- Complete Training Course on Effective Communications Skills –TAIIF UNIVERSITY- UNIVERSITY DEVELOPMENT DEANSHIP- KINGDOM OF SAUDI ARABIA (2007)
- Complete Training Course on Principles of course Design and Development– TAIIF UNIVERSITY-UNIVERSITY DEVELOPMENT DEANSHIP- KINGDOM OF SAUDI ARABIA (2007).
- Complete Training Course on Research Skills in the Light of Information and Technology– TAIIF UNIVERSITY-UNIVERSITY DEVELOPMENT DEANSHIP- KINGDOM OF SAUDI ARABIA (2007).
- Complete Training Course on Strategies and Methods of University Teaching– TAIIF UNIVERSITY-UNIVERSITY DEVELOPMENT DEANSHIP- KINGDOM OF SAUDI ARABIA (2007).
- In Use of Environmental Isotopes to Assess and Sustain Water Resources from Pollution and Petroleum Applications (Atomic Energy Authority, National Center For Nuclear Safety and Radiation Control (NCNSRC), Nasr City, Cairo.
- In Management of the Chemical and Radioactive Waste by Different Analytical Methods (Atomic Energy Authority, hot Lab. Center, Cairo, Egypt).
- In the Prevention of the Environment from the Chemical and Radioactive Waste (Atomic Energy Authority, hot Lab. Center, Cairo, Egypt).
- In the Environmental and Radiation Monitoring for Industrial and Petroleum Facilities (Atomic Energy Authority, National Center For Nuclear Safety and Radiation Control (NCNSRC), Nasr City, Cairo.
- In Basic Training Course on Nuclear Safety (Atomic Energy Authority, National Center For Nuclear Safety and Radiation Control (NCNSRC), Nasr City, Cairo.
- In Basic Training Course on Safety Aspects for Decontamination and Decommissioning of small Hazardous Facilities (Atomic Energy Authority, National Center For Nuclear Safety and Radiation Control (NCNSRC), Nasr City, Cairo.
- In Basic Training Course on Systems of Accounting For and Control of Nuclear Material (Accounting- Measurements-Verification) (Atomic Energy Authority, National Center For Nuclear Safety and Radiation Control (NCNSRC), Nasr City, Cairo.
- In Basic Training Course on Environmental Management Of NORM Waste (Atomic Energy Authority, National Center For Nuclear Safety and Radiation Control (NCNSRC), Nasr City, Cairo.
- National Training Course on Regulatory Inspection for Radioactive Waste Management Facilities. (International Atomic Energy Agency IAEA).

CONFERENCES & PRESENTATIONS

- Abeer M. E. Hassan , Abdullah M. Batis, "Comprehensive Chemical Analysis, Honey Quality and Microbiological Properties of Batees(Sidr) Honey to the Enhance of Legal Specifications" in 13th Asisan Apicultural Association Conference, April 24-26, Jeddah, Kingdom of Saudi Arabia, 2016.
- Abeer M. E. Hassan , in Nanoparticle Assembly:From Fundamental to Applications Faraday Discussion, Indian Institute of Technology, Bombay,India, January 7-9,2016,
- Abeer M. E. Hassan, Gehad G. Mohamed, "Electrochemical Assessment of Pantoprazole Sodium Based on Glassy Carbone Electrode Using Differential Pulls and Square wave Voltammetry. Application to Biological Fluid and Pharmaceutical Preparations", in 6th international Scientific Conference of Faculty of Pharmacy , Cairo Universty, 2020 Vision of Pharmacy in Egypt, April 25-26,2015.
- Abeer M. E. Hassan, "Determination of Oxomemazine Hydrochloride by Deferential Pulls Voltammetry and Adsorptive Square-Wave Voltammetry at Glassy Carbon Electrode in Pure Form and Pharmaceutical Formulations" in The 7th in Scientific Congress of the Association of Pharmacy Colleges in The Arab World,"New Trends in Drugs Discovery , Development And Pharmacy Practice" Organized by the Faculty of Pharmacy, Ain Shams University, Cairo,

October,14-16 ,2014.

- Abeer M. E. Hassan," MODIFIED CARBON PASTE AND SCREEN PRINTED ION SELECTIVE ELECTRODES FOR POTENTIOMETRIC DETERMINATION OF NEFOAZODONE HYDROCHLORIDE IN PHARMACEUTICAL PREPARATION" in 5th international Scientific Conference of Faculty of Pharmacy , Cairo University, Pharmacy at the Cutting-edge: Facing Future Challenges, April 23-24,2014.

Teaching experience :

RESEARCH INTEREST

Analytical Chemistry filed, dealing with electro-analytical based techniques. Potentiometry with ion-selective electrodes and voltammetry with chemical modified electrodes are the main tools. Until now, analysis of food, pharmaceutical and environmental samples have been the purpose of all methodologies developed or under development. All issued determinations are of organic or inorganic nature. Several detectors are constructed for each analyte, changing not only sensing systems but also the configuration of the electrodes. Mostly, the main purpose is to provide electrodes of suitable configuration and performance for in-situ determinations.

SKILLS:

- Manage the day to day workload of the chemistry department and mentoring of junior staffs and Coop students.
- Operation and practical hands-on experiences with the ability to trouble shoot various analytical instruments UV-VIS,GC and HPLC lab equipment.
- Assist the QC department in undertaking quality inspections and quality audits.
- Excellent skills in using some computer programs such as: Excel, Word, Power point, Origin, Isis Draw and Chemdraw, and the use of these programmes in presenting the lectures and in drawings.

Papers:

Preparation of about 12 papers covering a wide range of methods and techniques for the determination of various inorganic metals, industrial, environmental, pharmaceutical drugs. All these, 12 papers have already been published in the international journals.

LIST OF PUBLICATIONS

1-Solid Contact Potentiometric Sensors Based on Host-Tailored Molecularly Imprinted Polymers for Creatine Assessment,Ayman H. Kamel, Abeer M. E. Hassan

Submitted for publication in, *Int. J. Electrochem. Sci.*, 11(2016)xx – yy.

2- Manufacture of Lead-Specific Screen-Printed Sensor Based on Lead Schiff Base Complex as Carrier and Multi-Walled Carbon Nanotubes for Detection of Pb(II) in Contaminated Water Tests,Tamer Awad Ali ,Abeer M.E. Hassan, Gehad G. Mohamed,Submitted for publication in, *Int. J. Electrochem. Sci.*, 11(2016)xx – yy.

3-New Simple Ion-Selective Membrane Electrode for Serious Environmental Pollutant, Mercury (II), Analysis in Aqueous Solution, Fluorescent Mercury Lamp White Dust, Mercurochrome and Dental Alloy. Abeer M. E. Hassan, Hytham M. Ahmed and Hassan Y. Aboul-Enein, *Current Analytical Chemistry*, 2017, 13, 000-000, Accepted: August 3, 2016, DOI:10.2174/1573411012666160809120706

4-Development and Validation of Stability-Indicating Chromatographic Method and Stress Degradation Studies for Vitamins A and E in in Their Combined Soft-gelatin Capsules, Mostafa M. Baker, Hytham M Ahmed , Fawzy A. Elbarbry, Abeer M.E. Hassan, *Jokull Journal* , Vol 66, Issue 8; Aug 2016.

5-Preparation, Characterization of Metallic Iron and Bimetallic Iron/Copper Nanoparticles and their Application for the Removal of Trihalomethanes from Potable Water. Abeer M. E. Hassan, S.A. Abo El- Enein, Gehad G. Mohamed, Amr.I. Mohamed, *Jokull Journal* , Vol 66, Issue 7. Jul, 2016.

6- Sensitive Electrochemical Determination of Pantoprazole Sodium in Pure Form Pharmaceutical Formulations and Biological Fluid at Glassy Carbon Electrode Using Differential Pulses and Square wave Techniques, Abeer M. Elsieid H, Gehad G. Mohamed , *Int. J. Electrochem. Sci.*, 10 (2015) 7147 – 7158.

7-Determination of Oxomemazine Hydrochloride by Differential Pulses Voltammetry and Adsorptive Square-Wave Voltammetry at Glassy Carbon Electrode in Pure Form and Pharmaceutical Formulations, Abeer M. Elsieid H. *International Journal of Science and Research (IJSR)*, Volume 3 Issue 7, July 2014.

8-Modified Carbon Paste And Screen Printed Ion Selective Electrodes For Potentiometric Determination Of Nefazodone Hydrochloride In Pharmaceutical Preparation, ABEER M. ELSIED H, *Journal Of International Academic Research For Multidisciplinary*, Volume 2, Issue 5, June 2014.

9-Cadmium(II)-Selective Membrane Coated Graphite Electrode Based on a Recently Synthesized Bis-(4 -Hydroxyacetophenone) -Ethylenediamine. Hassan A Arida, Mona A. Ahmed, Abeer M. Elsaied, *Sensors* 2004 vol.4, pp.43-54.

10-A Novel bis-(Acetylacetone)-p-phenylenedi- amine–Uranyl Ion Sensing Material Based Coated Graphite Rod Electrode for Uranyl Ion, Hassan A. M. Arida and Abeer M. Elsaied, *Analytical Letters* Vol. 36 , Iss. 6, 2003.

11-A new lead(II)-selective PVC-coated graphite rod electrode based on a Schiff base complex, Arida HA , el-Reefy SA , el-Saied AM, *Analytical Sciences : the International Journal of the Japan Society for Analytical Chemistry* ,2003, 19(5):687-690.

12-A Novel Coated Graphite Rod Th(IV) Ion Selective Electrode Based On Thorium Oxinate Complex and Its Application, Hassan A. Arida, Mona A. Ahmed and Abeer M. El-Saied, *Sensors* 2003, 3(10), 424-437.

Research experience and list of publications:

Training and Attendance of conferences :