

Ossama Ali Abdullatef Mohammed



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Date of birth: 30th of August 1969.

Nationality: Egyptian.

Driving License: Valid.

Education:

- ❖ May 2008: PhD in Chemistry from the Chemistry Department, Faculty of Science, Alexandria University.
 - ✓ The title of my Ph D thesis is “ **Corrosion Control of steel in sea water by using a new Paint Formulation containing environmentally friendly materials**”
- ❖ September 1999: M.SC. in Physical and Inorganic Chemistry from the Chemistry Department Faculty of Science, Alexandria University.
 - ✓ **Thesis title: Kinetics and thermodynamics study of the acidic corrosion of Aluminum**”
- ❖ June 1990: B.SC. in Chemistry from the Chemistry Department, Faculty of Science, Alexandria University.
 - ✓ **Total Grade:** Very Good.

Languages:

- ❖ Arabic: Mother Tongue.
- ❖ English: Excellent in reading, writing and very good in conversation.

Working Experience:

- ❖ September 2010 (till Now): Lecturer of Physical and Inorganic Chemistry Pharos University, Faculty of Pharmacy and Drug manufacturing, Analytical and Pharmaceutical Chemistry department.
- ❖ September 2008 till September 2010: Lecturer. Arab Academy for science and technology Faculty of engineering and technology, Basic and applied science department
- ❖ September 2003 till September 2008): Assistant Lecturer. Arab Academy for science and technology Faculty of engineering and technology, Basic and applied science department

- ❖ January 2001 till September 2010: Demonstrator and Lecturer assistant. Chemistry Department, Faculty of Science, Alexandria University (science, pre-pharmal and pre-dental courses in inorganic, analytical and physical chemistry).
- ❖ September 1997 till August 2001: Research Assistant Chemistry Department, Faculty of Science, Kuwait University.

Publications:

1. "Corrosion behavior of steel with a polymeric coating in sea water" A.B.Tadros, M.El-Batouti and **O.A.Abd El-Lateef**; *Pigment & Resin Technology*, 2001, 4, 239.
2. "New Coatings formulations Containing Natural Inhibitors for Steel Corrosion Control" A.M. Abdel-Gaber, B.A. Abd-El Nabey, E. Khamis, **O. A. Abdullatef**, H. Aglan and A. Ludwick, *Corrosion Challenges in Industry, the Egyptian Corrosion Society*, December 4-6, 2006
3. " Influence of natural inhibitor, pigment and extender on corrosion of polymer coated steel" A.M. Abdel-Gaber, B.A. Abd-El Nabey, **O. A. Abdelattef**, E. Khamis, H. Aglan and A. Ludwick. *Progress in Organic Coatings*, 69(2010)402-409.
4. "Effect of some natural extracts on the corrosion of Zinc in 0.5 M NaCl" B. A. Abd-El-Naby, **O. A. Abdullatef**, A. M. Abd-El-Gabr, M. A. Shaker and G. Esmail. *Int. J electrochem. Sci.*, 7(2012) 5779-5797.
5. "Electrochemical studies on the effect of Damssesa, Hlfabar and Lupine Extracts on the corrosion behavior of zinc in 0.5 M H₂SO₄ solution" **O. A. Abdullatef**, M. A. Shaker and G. Esmail. *Bull. Fac. Sci. Alex. Univ.*, 49(1, 2)(2014) 16-31
6. "Electrochemical Studies on the Inhibitive Action of Damssisa and Halfabar on the Alkaline Corrosion of Zinc" B. A. Abd-El-Naby, **O. A. Abdullatef**, A. M. Abd-El-Gabr, M. A. Shaker and G. Esmail. *Int. J. Electrochem. Sci.*, 9(2014) 1163-1178.
7. "Hlfabar as effective inhibitor for corrosion of zinc metal in aqueous solutions" **O. A. Abdullatef**, B. A. Abd-El-Naby, *Eurocorr2014*, Pisa, Italy, 8-12 September 2014.
8. "Lupine as effective environmentally friendly corrosion inhibitor for zinc metal in aqueous solutions" **O. A. Abdullatef**, B. A. Abd-El-Naby, *Egycorr 2014*, Luxor, Egypt, 8-11 December 2014.
9. "Kinetics and Thermodynamics of the dissolution of steel in 1 M Hydrochloric acid solution in presence of Silene Mrmarica as corrosion Inhibitor" **O. A. Abdullatef**, *Egyptian Petroleum Journal*. 24(4)(2015)505-511
10. "Azithromycin as effective corrosion inhibitor for mild-steel, copper and Zinc in 0.5 M H₂SO₄ solution" **O. A. Abdullatef**, *J. Adv. Chem.* 11(5)(2015)3642-3655.

11. "Effect of Alkaline Etching on the Inhibition of the Acidic Corrosion of Aluminum by Lupine Extract" B. A. Abd-El-Naby, *O. A. Abdullatef*, H. M. El-Kshlan, E. Khamis, M. A. Abd-El-Fatah. *Portugaliae Electrochemica Acta* 33(1) (2015) 1-11.
12. "Inhibition of corrosion of steel in 0.5 M H₂SO₄ containing halide ions by Silene Marmarica extract" *O. A. Abdullatef*, B. A. Abd-El-Naby *Physical Chem.* 5(2)(2015)39-47.
13. "The Role of the Anions on the Inhibition of the Acidic Corrosion of Aluminum by Lupine Extract, B. A. Abd-El-Naby, *O. A. Abdullatef*, H. M. El-Kshlan, E. Khamis, M. A. Abd-El-Fatah. *EGYCORR 2015, Hurghada*, Egypt, 14-17 December 2015.
14. "Effect of Silene Marmarica on the corrosion and kinetics of the dissolution process of steel in acidic medium" *O. A. Abdullatef*, *Int. J. Nano. Chem.* 1(2015)45-51.
15. "Anionic Effect on the Acidic Corrosion of Aluminum and its Inhibition by Lupine Extract" B. A. Abd-El-Naby, *O. A. Abdullatef*, H. M. El-Kshlan, E. Khamis, M. A. Abd-El-Fatah. *Portugaliae Electrochemica Acta* 33(5) (2015) 265-274
16. "Effect of Cetyltrimethylammonium bromide Surfactant as Novel Inhibitor for the Corrosion of Steel in 0.5 M H₂SO₄" B. A. Abd-El-Naby, *O. A. Abdullatef*, E. Khamis, W. A. El-Mahmody *Int. J. Electrochem. Sci.*, 11 (2016) 1271 - 1281
17. "Effect of Tween 80 Surfactant on the Electropolymerization and corrosion performance of polyaniline on mild steel" B. A. Abd-El-Naby, *O. A. Abdullatef*, G. A. El-Naggar, E. A. Matter, R. M. Salman *Int. J. Electrochem. Sci.*, 11 (2016) 2721 – 2733
18. "Effect of Surfactants on the Corrosion Behavior of Aluminum in Acid Solutions Containing Chloride Ions" B. A. Abd-El-Naby, *O. A. Abdullatef*, W. A. El-Mahmody *Physical Chemistry* 7(1)(2017)1-7.
19. "Electropolymerization, Characterization and Corrosion Protection Evaluation of Poly(4-aminomethyl-5-hydroxymethyl-2-methylpyridine-3-ol) on Steel and Copper" *O. A. Abdullatef*, *Russian Journal of Applied Chemistry* 90(4)(2017)613–624.
20. "Triton X-100 and Sodium Lauryl Sulfate Surfactants as Environmentally Friendly Corrosion Inhibitors for Steel in 0.5 M H₂SO₄" *O. A. Abdullatef*, *Advances in Analytical Chemistry* 7(2)(2017)23-30.
21. "Study on the Corrosion Inhibition of Steel in Acidic Solution by Different Types of Surfactants" *O. A. Abdullatef*, *EGYCORR 2017*, Sharm El-Sheikh, Egypt, December 2017.
22. "Electropolymerization of Mefenamic Acid on Copper and Copper Based Alloy as a New Strategy to Control the Release of Copper Ions from Copper Containing Devices" *O.A. Abdullatef*, *Russian Journal of Applied Chemistry* 90(8)(2017)xx-yy.

23. "Corrosion Protection of Steel by Electropolymerization of O-Chloroaniline and O-Aminobenzoic acid in presence of Tween 80 Surfactant" B. A. Abd-El-Nabey, *O. A. Abdullatef*, R. M. Salman, *J. Bio and Tribo Corrosion*, (2017)xx-yy.

Personal Skills:

- ❖ Self learner.
- ❖ Team work & leadership skills.
- ❖ Volunteering experience.
- ❖ Have good time management skills and can work under pressure.
- ❖ Have good communication and presentation skills.

ACADEMIC EXPERIENCES:

1. General Academic Advisor, Faculty of Pharmacy, Pharos University for three years 2012-2013, 2013-2014 and 2014-2015.
2. Executive Director for the Drug Research Center of the Faculty of Pharmacy, Pharos University for two academic years 2016-2017 and 2017-2018.
3. Member of the faculty council, Faculty of Pharmacy, Pharos University for four years 2012-2013, 2013-2014, 2014-2015 and 2016-2017.
4. Member of a number of internal committees for Faculty of Pharmacy, Pharos University for 4 years(Academic Advising and registration committee, Complaints committee of the Faculty, Sports activity committee)

MEMBERSHIP AND SCIENTIFIC ACTIVITIES:

1. Member of the Organizing Committee for workshops held at Faculty of Science, Alexandria University.

- *"Corrosion Prevention of Pipelines, Marine Units and Construction Materials by Cathodic Protection"* 16-19 April 2011. Lecture on MIC "Microbial Corrosion"
- *"Corrosion Prevention of Pipelines, Marine Units and Construction Materials by Cathodic Protection"* 16-19 January 2006.
- *"Corrosion Prevention of Metals & Alloys by Cathodic Protection & Coating"* 27-30 June 2005.
- *"Corrosion Inhibitors, Scale Formation & Antiscalent, Cathodic Protection"*, 19-22 July 2004.

- “Corrosion Protection of Metals by Material Selection & Cathodic Protection”, 20 – 22 January 2003.
- “Corrosion Monitoring of Metals, Testing and Control”, 28 – 30 April 2002.

2. Member of the Egyptian Corrosion Society.

- 6th international conferences (34th annual) on corrosion mitigation and surface protection technologies. Organized by Egyptian Corrosion Society
11-14 December 2017, Sonesta Hotel, Sharm El-Sheikh, Egypt
 - 4th international conferences (32nd annual) on corrosion mitigation and surface protection technologies. Organized by Egyptian Corrosion Society
14-17 December 2015, Sea Gull Hotel, Hurghada, Egypt
 - 3rd international conferences (31st annual) on corrosion mitigation and surface protection technologies. Organized by Egyptian Corrosion Society
8-11 December 2014, Steinburger Hotel, Luxor, Egypt
 - Workshop on: "Corrosion Protection of Metallic Artifacts -Tailored Strategies" Organized by Egyptian Corrosion Society 6-10 December 2013 Seagull Hotel – Hurghada Egypt.
 - 2nd international conferences(30th annual) on corrosion mitigation and surface protection technologies. Organized by Egyptian Corrosion Society
10-13 December 2012, Sea Gull Hotel, Hurghada, Egypt
 - Workshop on: "Corrosion Protection of Metallic Artifacts -Tailored Strategies" As a side event of the 2nd International Conference On: "Corrosion Mitigation and Surface Protection Technologies" 10-13 December 2012 Seagull Hotel – Hurghada Egypt.
 - Workshop on: " Corrosion Mitigation in oil and gas production " 23-26 December 2013 Seagull Hotel – Hurghada Egypt
3. Workshop on: "Corrosion and corrosion control". Organized by Multi Hands Group. 10-14 May 2009, Multi hands group smoha.
4. "Nanotechnology and its biological applications" 20th April, 2015, City of Scientific Research and Technological Applications (SRTA-City), Genetic Engineering and Biotechnology Research Institute (GEBRI).
5. "ProGRANT Proposal Writing for Research Grants" Training course by Cologne University in Germany and funded by DAAD, Phase 1:Tunisia, 22-26 January 2017; Phase 2: E-Learning for 3 months Feb. to May 2017; Phase 3: Tunisia, 19-25 August 2017.

6. Workshop on: "Testing and Assessments Methods". Organized by LOTUS Scholarship Program 17 December 2016.

7. Member of Intel Bibliotheca Alexandrina Science & Engineering Fair.

- 9-11 March 2013 as a Judge.
- 16-18 March 2014 as a Judge.
- 8-10 March 2015 as a Judge.
- 12-15 March 2016 as a Judge.
- 1-2 February 2017 as a Judge.

8. Member of the Education Developing Center (EDC) Pharos University.

Deliver the following workshops:

- **Credit Hour System**
- **Orientation to PUA**
- **Secrets of Success and Self Developments**
- **Syllabus Design and Construction**
- **Positive Thinking**
- **Decision Making and Problem Solving**

References are upon requests.