ABDELATTY MOHAMED RADALLA, PHD

Chemistry Department, Faculty of Science, Beni-Suef University, Beni-Suef, 62111, EGYPT.
Chemistry Department, College of Arts and Science at Muznab, Qassim University, Qassim, 51931, KSA.
E-mail: amradalla@yahoo.com
Phone No. (Home) +20-829241826, (Cell) +20-193240459, (Cell) +966-580269282.

OBJECTIVE

SEEKING A TEACHING OR RESEARCH POSITION AT COLLEGES OR UNIVERSITIES

EDUCATION

Ph. D " Bioanalytical Chemistry", MARQUETTE UNIVERSITY, Milwaukee, WI, USA, May 2006.
M.S "Analytical Chemistry", CAIRO UNIVERSITY, Beni-Suef, Egypt, January 1999.
B.S "Chemistry, Distinction with Honors", CAIRO UNIVERSITY, Beni-Suef, Egypt, May1992.

THESIS TITLE

M.S *Thesis Title*
"Complexation Equilibria & Determination of Stability Constants of Binary and Ternary Complexes with Dipicolinic acid and Inosine as Ligands".
Ph. D *Thesis Title*
"Electrochemical and Spectroelectrochemical Studies of Electrocatalytic Reduction of Bisulfite".

RESEARCH EXPERIENCE

BENI SUEF UNIVERSITY, Beni-Suef, Egypt (Dec/2008 - Oct/ 2010)
Performed Complexation studies on binary and ternary complexes in solutions.
Determined stability constants of binary and ternary complexes of some biologically active ligands.
Conducted physicochemical studies on metal complexes of some biologically active ligands.
Mentor of three MSc thesis in analytical chemistry.

MARQUETTE UNIVERSITY, Milwaukee, Wisconsin, USA (Jan/2000 - May/2006)
Investigated bisulfite reduction by Myoglobin/surfactant films (Mb/DDAB) on different electrodes.
Conducted controlled-potential electrolyses on bisulfite and detected reduction products.
Proposed electrocatalytic reduction mechanisms for bisulfite reductions.
Used UV-visible spectroscopy to investigate Mb/DDAB films and its reduction behavior.
Carried out kinetic studies on bisulfite reduction by Mb/DDAB film.
Practiced advanced techniques of Voltammetry (CV, LSV, RDE, and CA), Potentiometry, FAAS UV-visible, IR, GC, GC-MS, and HPLC.

CAIRO UNIVERSITY, Beni-Suef, Egypt (Dec/1993 - Jan/2000)
Performed potentiometric and conductometric studies on binary and ternary complexes in solutions.
Measured stability constants of binary and ternary complexes of some biologically active ligands.
Conducted physicochemical studies on metal complexes of some nucleosides and nucleotides.
Maintanied a solid base in analytical chemistry techniques and calculations.

TEACHING EXPERIENCE

ASSISTANT PROFESSOR

QASSIM UNIVERSITY, Muznab, Qassim, Kingdom of Saudi Arabia (Aug/2010 - Until now).

Fall	2010 – till now	General Chemistry I /Lecture.
Fall	2010 – till now	General Chemistry I /Lab .
Fall	2013 – till now	Physical Chemistry I /Lecture.
Fall	2013 – till now	Physical Chemistry I /Lab.
Fall	2014 – till now	An Introduction to Nanotechnology /Lecture .

GARYOUNIS UNIVERSITY, Kufra, Benghazi, Libya (Oct/2009 - Aug/2010)
Spring 2009 - 2010, Analytical Chemistry VI /Lecture.
Spring 2009 - 2010, Analytical Chemistry VI/Laboratory.
Spring 2009 - 2010, Analytical Chemistry V /Lecture.
Spring 2009 - 2010, Analytical Chemistry V /Laboratory.
Fall 2009 - 2010, Analytical Chemistry IV /Lecture.
Fall 2009 - 2010, Analytical Chemistry IV /Laboratory.
Fall 2009 - 2010, Analytical Chemistry III /Lecture.
Fall 2009 - 2010, Analytical Chemistry III /Laboratory.
Fall 2009 - 2010, Inorganic Chemistry III /Lecture.

BENI SUEF UNIVERSITY, Beni-Suef, Egypt (Oct/2008 - Oct/2009)
Spring 2008 - 2009, General Chemistry I /Lecture.
Spring 2008 - 2009, General Chemistry I /Laboratory.
Spring 2008 - 2009, Analytical Chemistry I /Lecture.
Spring 2008 - 2009, Analytical Chemistry I /Laboratory.
Fall 2008 - 2009, Analytical Chemistry III /Laboratory.
Fall 2008 - 2009, Inorganic Chemistry I /Laboratory.

UNIVERSITY OF WISCONSIN-PARKSIDE, Kenosha, Wisconsin, USA (Aug/2006 - May/2007)
Spring 2006 - 2007, CHEM 208-001, Contemporary Chemical Analysis/Lecture.
Spring 2006 - 2007, CHEM 208-L082, Contemporary Chemical Analysis/Laboratory.
Fall 2006 - 2007, CHEM 207-001, General Chemistry III /Lecture.
Fall 2006 - 2007, CHEM 207-L081, General Chemistry III /Laboratory.

MARQUETTE UNIVERSITY, Milwaukee, Wisconsin, USA (Jan/2000 - Aug/2006)
Operated advanced General, Physical, and Analytical Chemistry Laboratories.
Supervised students' experimentation for instrumental analysis Laboratory.
Taught students to use IR, GC, HPLC, AAS and UV-visible instruments.

CAIRO UNIVERSITY, Beni-Suef, Egypt (Jan/1993 - Jan/2000)
Assistant Lecturer of Analytical Chemistry for one semester.
Taught General, Physical, Inorganic, organic and Analytical Chemistry Laboratories.
Mentor for advanced General, Physical, and Analytical Chemistry Laboratories.
Supervised students' experimentation for instrumental analysis Laboratory.

EGYPTIAN ARMY, Military Technical College, Cairo, Egypt (Oct/1992 - Dec/1993)
Taught at the Chemistry Department, Military Technical College, Egyptian Army.
Taught General, Physical, Inorganic, organic and Analytical Chemistry aboratories.
Taught students to use IR, GC, HPLC, AAS and UV-visible instruments.
Supervised students' experimentation for qualitative analysis Laboratory.
Demonstrated Chemistry laboratories in General and Inorganic Chemistry.
Mentor of Instrumentation Laboratory (Uv-visible, GLC, FAAS and FT-IR).

AWARDS

RA/TA Scholarships, Marquette University, Milwaukee, WI, USA (Jan/2000 - May2006).
Richard W. Jobling Fellowship Award, Marquette University (Aug/2002 - May/2003).
RA/TA Scholarships, Cairo University, Beni-Suef, Egypt (Dec/1993 - Jan/2000).

COMPUTER SKILLS

Expert in Windows and Windows NT.
Microsoft Office, Scifinder and Chemoffice

PROFESSIONAL AFFILIATIONS

Member, American Chemical Society (ACS).
Member, Egyptian Syndicate of Scientific Professions (ESSP).
Member, Egyptian Chemical Society (ECS).
Member, American Society for Analytical Chemists (ASAC).
Member, Pittsburgh Society for Analytical Chemists (PSAC).
Reviewer, Journal of Chemical and Engineering Data (J. chem. Eng. Data).
Reviewer, Journal of Solution Chemistry (J. Solution chem.).
Reviewer, iMedPub Journals (EJBI).
Reviewer, Qassim University Research projects, Qassim, KSA.
Reviewer, Taif University Research projects, Taif, KSA.
Reviewer, Ha'il University Research projects, Ha'il, KSA.

PUBLICATIONS

1. RADALLA, A. M. ; Ryan, M. D. ; Yang, F. Z. ; Electrocatalytic Reduction of Bisulfite at a Surfactant Film Containing Myoglobin, *Analytical Chemistry* . **2016 (**Submitted for Publication).

2. RADALLA, A. M. ; Potentiometric Studies on Ternary Complexes Involving Some Divalent Transition Metal Ions, Gallic Acid and Biologically abundant Aliphatic Dicarboxylic Acids in Aqueous Solutions. *Beni Suef University Journal of Basic and Applied Sciences (BJBAS)* **2015,** 4 (2), 174-182 **.**

3. RADALLA, A. M. ; Khalil, M. M. ; Mohamed, F. Q. ; Mahmoud, R. K.; Equilibrium Studies of Ternary Systems Involving Some Selected Transition Metal Ions, Triazoles and Aromatic Carboxylic Acids, *The Korean J Chem Eng* **2014**, 31(1). 109-119

4. RADALLA, A. M. ; Khalil, M. M. ; Mohamed, N. A. ; Solution Equilibrium and Thermodynamic Studies of Complexation of Divalent Transition Metal Ions with Some Triazoles and Biologically Important Aliphatic Dicarboxylic Acids in Aqueous Media, *J. Solution Chem.* ***2013***, 42 (6), 1123–1145.

5. RADALLA, A. M. ; Potentiometric and Conductometric Studies on Binary and Ternary Complexes of Divalent Transition Metal Ions with Gallic Acid and some Aliphatic Dicarboxylic Acids as Ligands. *Pittsburgh Conference for Analytical Chemistry and Applied Spectroscopy* (PITTCON), Orlando City, Florida, USA. **2012**, CO-2026.

6. RADALLA, A. M. ; Studies on Complexation of Resorcinol with Some Divalent Transition Metal Ions and Aliphatic Dicarboxylic Acids in Aqueous Media, *J. Solution chem*. **2010**, 39:1394-1407.

7. RADALLA, A. M. ; Khalil, M. M. ; Mohamed, A. G. ; Potentiometric Investigation on Complexation of Divalent Transition Metal Ions with Some Zwitterionic Buffers and Triazoles, *J. Chem. Eng. Data* . **2009**, 54 (12), 3261-3272.

8. RADALLA, A. M. ; Khalil, M. M. ; Mohamed, N. A. ; Solution Equilibria and Thermodynamic studies on Complexation of Divalent Transition Metal Ions with Some Triazoles and Biologically Important Aliphatic Dicarboxylic Acids in Aqueous Media. *The First Scientific Conference For Postgraduate Students* . Beni-Suef University, beni-suef, Egypt, **2009,** June 26-28, P-200.

9. RADALLA, A. M. ; Khalil, M. M. ; Mohamed, F. Q. ; Equilibrium and Thermodynamic Studies on Binary and Ternary Complex Systems Including Some Triazoles and Aromatic Carboxylic Acids. *The First Scientific Conference For Postgraduate Students .* Beni-Suef University, beni-suef, Egypt, **2009,** June 26-28, P-400.

10. RADALLA, A. M. ; Michael, D. R. ; Chronoamperometric Study of Bisulfite Reduction by Myoglobin. *The 12th International conference on Biological Inorganic Chemistry* (ICBIC-XII). Michigan, USA, **2005**, July 31- August 5, 140-7, 2-BLR-221.

11. RADALLA, A. M. ; Michael, D. R. ; Coulometry and Spectroelectrochemistry of bisulfite Reduction at Myoglobin Films. *Pittsburgh Conference for Analytical Chemistry and Applied Spectroscopy (PITTCON)* , Chicago, Illinois, USA . **2004**, 6500-200.

12. RADALLA, A. M. ; Michae, l D. R .; Feng, Y. S. ; Electrocatalytic Reduction of Bisulfite at a Surfactant Film Containing Myoglobin. *The 2nd International Conference on Porphyrins and Phthalocyannines* (ICPP-2), **2002**, Kyoto, Japan, July 2. P – 42 .

13. RADALLA, A. M. ; Khalil, M. M. ; Binary and Ternary Complexes of Inosin. *Talanta* . **1998**, 46, 53 - 61.

14. RADALLA, A. M. ; Khalil, M. M. ; Mohamed, S. A. ; Potentiometric and Conductometric Studies on the Binary and Mixed ligand Complexes in Solution: M (II) - Dipicolinic acid - Glycine Systems. *Talanta* . **1997**, 44, 1365 - 1369.

Thesis Supervision

MS Thesis Mentor

1. **Ali Gaber Mohamed**
   "Equilibrium Studies Involving some Triazoles and Zwitterionic Buffers as Ligands"
2. **Nada Mohamed Abd Elnaby**
   "COMPLEXATION EQUILIBRIA OF BINARY AND TERNARY COMPLEXES OF SOME TRANSITION METAL IONS WITH TRIAZOLES AND BIOLOGICALLY IMPORTANT ALIPHATIC DICARBOXYLIC ACIDS"
3. **Fatma Qassim Mohamed**
   "Potentiometric Studies on Ternary Systems Involving Some Selected Transition Metal Ions, Triazoles and Aromatic Carboxylic Acids

---

REFERENCES

MICHAEL D. RYAN
Professor of Chemistry
Marquette University
Todd Wehr Chemistry Building
P.O.Box 1881
535 N. 14 Street
Milwaukee, WI 53201-1881
USA
E-mail: Michael.ryan@mu.edu
Phone: 414-288-1625

JAMES R. KINCAID
Professor of Chemistry
Marquette University
Todd Wehr Chemistry Building
P.O.Box 1881
535 N. 14 Street
Milwaukee, WI 53201-1881
USA
E-mail: james.kincaid@mu.edu
Phone: 414-288-3236

WILLIAM A. DONALDSON
Professor of Chemistry
Marquette University
Todd Wehr Chemistry Building
P.O.Box 1881
535 N. 14 Street
Milwaukee, WI 53201-1881
USA
E-mail: william.donaldson@mu.edu
Phone: 414-288-1673

GARY A . WOOD
Professor of Chemistry
University of Wisconsin-Parkside
Chemistry Building
GreenQuist Hall
Kenosha, WI 53143-2000
USA
E-mail: Gary.wood@uwp.edu
Phone: 262-595-3261