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Mohammed Abdullah Al-Nuri

PERSONAL:

Date of Birth : Aug.17,1952.
Place of Brith : Nablus – Palestine.
Marital Status : Married .
Nationality : Palestinian .

ADDRESS :

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EDUCATION :

Ph.D. , State University of New York at Buffalo, Buffalo, New York; U.S.A. ,
February 1984.
Major: Organic Chemistry, Synthesis and Isolation of Natural Products.

M.Sc., University of Mosul, Iraq, 1977 .
Major : Organic Chemistry.

B. Sc. ,University of Mosul, Iraq, 1974, Chemistry.
Major : Chemistry.

TITLE OF THE M.Sc. THESIS :

Some Aspects of the Transesterification Reactions of Ethyl N- Arylformimidates and Rearrangements of the Formed Imidic Esters.

TITLE OF Ph.D THESIS :

The Stereochemistry of the Cycloaddition Reactions of Bicyclic Nitrones.

AWARDS & GRANTS :

Amideast Scholarship, Washington D.C., 1978 - 1983 Teaching Assistantship,
State University of New York at Buffalo, 1981.
Graduate Students Association Summer Fellowship, State University of New
York at Buffalo, 1983.

DAAD Scientific Visit, Hohenheim University, Germany, July 1991 - Sept. 1991.

ISESCO Grant, An-NAJAH University, Nablus, 1989.

Amideast Grant, An-NAJAH University, Nablus, 1993

DAAD Scientific Visit, Tubingen University, Germany, July 1995 - Sept. 1995.

Fulbright Scholarship, State University of New York at Buffalo, USA, Sept. 1997- Sept. 1998.

Palestinian Universities Fund Grant (Sept. 2007-Sept 2009). Project: "Anticancer Natural Ingredients."

PROFESSIONAL SOCIETIES :

The American Chemical Society

The American Chemical Society / Western New York Division

The American Chemical Society / Organic Division.

Palestinian Chemical Society.

ADMINISTRATION:

Chairman, Department of Chemistry, An-Najah N. University (1988 – 1992).

Chairman, Department of Chemistry, An-Najah N. University (2004 – 2005).

CONFERENCES & RESEARCH PRESENTATIONS :

1. Kodak Organic Symposium- Kodak Chemical Company, Rochester, New York, U.S.A., Oct. 10, 1980- attendance.
2. American Chemical Society, 181st National Meeting, Las Vegas, Nevada, U.S.A., April 28-May 3, 1982- attendance.
3. College of Science and Technology Symposium, Abu - Deis, Jerusalem. May 10, 1984. (Research Paper).
4. First Palestinian Chemical Conference, An-Najah N. University, Nablus, July 29-30, 1992. (Research Paper).
5. Workshop on Photonic Materials, SUNY at Buffalo, Buffalo, N.Y., U.S.A., October 26, 1997- Attendance.
6. The 8th conference on Non-linear Organic Photonic Materials, Hokkaido, Japan, October 1998. (Research Paper).
7. Workshop on Biologically Active Compounds at An-Najah University with Gallili Research Center, October 1999.

TEACHING EXPERIENCE :

I have been responsible for teaching the following courses for several times during my teaching experience.

General Chemistry (23101)

Organic Chemistry (Pharmacy - Junior Level) (101213)

Organic Chemistry (I) (23231)

Organic Chemistry (II) (23232)

Practical Organic Chemistry (23235)

Practical Organic Chemistry

(for Students of Biology and Medical Technology) (23237)
Organic Chemistry(Chemical Engineering) (23238)
Organic Chemistry (I I I) (23331)
Practical Organic Chemistry (23335)
Chemical Literature (23392)
Systematic Identification of Organic Compounds (23432)
Organic Synthesis (23435)
Special Topics (Organic Photochemistry) (23481 A)
Seminar (23491)
Supervision on Undergraduate Research Projects (23492)
Advanced Organic Chemistry (for Masters Students) (23531)
Advanced Heterocyclic Chemistry (Ph. D. Level) (423732)

SUPERVISED MSc THESES:

1. Isolation, Identification and Determination of Antifungal Constituents from Some Medicinal Plants in Palestine. A. I. Husain (May 1995).
2. Isolation, Identification and Determination of Antifungal Constituents from *Ruta Chalepensis* and *Phagnalon Rupestre* and Synthesis of Some Hydrazones with Antifungal Activity. A. M. Haroun (June 1997)
3. Kinetics of Cleavage of Carbon – Silicon Bond by Tetrabutylammonium Fluoride. J. A. Abdelkareem (February 1999).

RESEARCH AREAS :

1. Medicinal Organic Synthesis.
2. Isolation and Determination of Natural Product.
3. Physical Organic Chemistry.
4. Organic Ligands Used in Determination of Metal Ions.

COMMITTEES :

5. Chairman of books committee for the Chemistry Department, An-Najah University 84/85, 85/86 .
6. Member of committee for proposing a research budget for the Chemistry Department, An-Najah University 84/85.
7. Member of committee for the internal regulations of the Chemistry Department, An-Najah University 84/85
8. Member of committee for the of departmental guide book for the Chemistry Department, An-Najah University 86/87.
9. Member of a pity and guidance committee for Chemistry Students, An-Najah University 86/87.
10. Member of the Council of the College of Science, An-Najah University 85/86.
11. Member of the Editorial Board of An-Najah J. Research, Nov. 1991 - June 1993.

REFERENCES :

1. Prof. Joseph J. Tufariello, Department of Chemistry, SUNY at Buffalo, Buffalo, New York 14260 - U.S.A.
2. Prof. Peter T. Lansbury, Department of Chemistry, SUNY at Buffalo, Buffalo, New York 14260 - U.S.A.
3. Prof. Paras N. Prasad, Department of Chemistry, SUNY at Buffalo, Buffalo, New York 14260 - U.S.A.
4. Prof. Charles Liebow, Oral and Maxillofacial, Surgery Department, School of Medicine, 112 Squire Hall, SUNY at Buffalo. Buffalo, New York 14214 - U.S.A.
5. Prof. Foad M. Mahmoud, Department of Chemistry, An-Najah N. University, Nablus, West Bank, Palestine.
6. Dr. Othman A. Hamed, Department of Chemistry, An-Najah N. University, Nablus, West Bank, Palestine.

PUBLICATIONS

- 1-Othman A. Hamed, Emad M. Hamed and Mohammed A. Al-Nuri, "Asymmetric Oxidation of Ketones Using Chiral Bimetallic Pd(II) Complex." *Submitted for Publication*.
- 2-I. Warad, M.A. Al-Nuri, S. Al-Resayes, K. Al-Farhan, and M. Ghazzali, "N-(Di-2-pyridylmethylene)benzohydrazide", *Acta Cryst.*, 2009, E65, o1597.
- 3- I. Warad, G. Al-Sousi, M.A. Al-Nuri, S. Al-Gobari, Y. Mabkhoot, S. Al-Reasyes, Z. Issa, "Synthesis, Support and Spectral Analysis of Novel Amine and Diamine-Ruthenium(II) Complexes Starting from Triphenylphosphine-Ruthenium(II) Precursor, *J. Saudi. Chem. Soc.*, 2008, 12, 95.
- 4- M.A. Al-Nuri, A. Haroun, I. Warad, R.M. Mahfouz, S. Al-Resayes, and M. Ali-Shtayeh, "Synthesis and Characterization of Some Antifungal Active Hydrazones from Combination of Several Functionalized Hydrazides with Di-2-Pyridyl Ketone", *J. Saudi Chem. Soc.*, 2007, 11, 313.
- 5- R. Abu-El-Halawa, M.A. Al-Nuri and F. M. Mahmoud, "Synthesis and Antimicrobial Activity of New N-Methyl-N-(2-Pyridyl) Aromatic and Heteroaromatic Hydrazones", *Asian J. Chem.*, 2007, 19, 1658.
- 6- M.A. Hannoun, M.A. Al-Nuri, "Synthesis and Dethiation of 5-Phenyl-3-thioxo-2,3-dihydro-1H-2,4-benzodiazepine-1-one", *An-Najah J. Research-A*, 2006, 20, 207.
- 7- F.M. Mahmoud, M.A. Al-Nuri and J.A. Daraghmah, "Solvent effect on Nucleophilic Cleavage of p-Chlorobenzyltrimethylsilane using Tetrabutylammonium Fluoride in ROH-DMSO Media", *Journal of Applied Sciences*, 2004, 4, 193.
- 8- F. M. Mahmoud, M. A. Al-Nuri and J. A. Daraghmah, "Nucleophilic Cleavage of Substituted Benzyltrimethylsilanes using Tetraalkylammonium Fluoride in DMSO-H₂O Media", *Pak. J. Appl. Sci.*, 2003, 3, 125.
- 9- M.A. Al-Nuri, "Synthesis of Laser-Sensitive Chromophores and their Attachment to An Antitumor Drug; Doxorubicin", *An-Najah J. Research-A*, 2000, 14, 61.

- 10-X. Wang, L. Krebs, M.A.Al-Nuri, H.E. Pudavar, S. Ghosal, C. Liebow, A.A. Nagy, A.V. Schally, P.N. Prasad, "Chemically Labeled New Cytotoxic Agent: Two-Photon Fluorophore for Optical Tracking of Cellular Pathway in Chemotherapy". *Proceedings of Natural Academy of Science USA*, 1999, **96**, 11081.
- 11-M.S Ali-Shtayeh, R. Yaghmour, Y.R. Faidi, K.Salim, M.A.AL-Nuri, "Antimicrobial Activity of 20 plants Used in Folkloric Medicine in the Palestinian Area", *Journal of Ethnopharmacology*, 1998, **60**, 265.
- 12-M.S Ali-Shtayah, M.A. Al-Nuri, R.Yaghmour, and Y.R. Faidi, "Antimicrobial Activity of *Micromeria Narvosa* from The Palestinian Area," *Journal of Ethnopharmacology*, 1997, **58**, 143.
- 13-M.A. Al-Nuri, "High performance Liquid Chromatographic Method For The Quantitative Determination of Emodin In *Rumex Cyprius* Plant", *J.Liq. Chrom. And Technol*, 1997, (in press).
- 14-M.A.Al-Nuri, "N.A.Zatar, M.A.Abu-Eid, M.A.Hannoun, W.J.Al-Jondi, A.I.Hussein, and M.S. Ali-Shtayeh.. "Emodin, A Naturally Occurring Anthraquinone. Its Isolation, *Spectroscopy Letters*, 1996, **29**, 1539.
- 15-A.Z.Abu-Zuhri, M.S.El-Shahawi, M.M.Kamil, M.A.Al-Nuri, and M.A.Hannoun, "Spectrophotometric and Polarographic Studies of Di-2-Pyridyl Ketone 2-Thienoylhydrazone", *Analytical Letters*, 1994, **27**, 1907.
- 16-M.A.Al-Nuri, M.A.Hannoun, N.A.Zatar, M.A.Abu-Eid, W.J.Al-Jondi, A.L.Hussein, and M.S.Ali-Shtayeh, "Plumbagin, A Naturally Occurring Naphthoquinone. Its Isolation, Spectrophotometric Determination In Roots, Stems, and Leaves in *Plumbago Europea* L". *Spectroscopy Letters*, 1994, **27**, 404.
- 17-M.A.Al-Nuri, " α, β -Unsaturated Lactone-Nitrone Cycloadditions. A Route to the Synthesis of (\pm) Tussilagin", *An-Najah J.Research*, 1994, **II** (8), 49.
- 18-M.Abu-Eid, N.A.Zater, M.A.Al-Nuri, M.Hannoun, and S.Khalaf, "Spectrophotometric Determination of Uranium with Di-2-Pyridyl Ketone Benzoylhydrazone", *An-Najah. J. Research*, 1994, **II** (8), 72.
- 19-A.Z.Abu-Zuhri, M.A.Al-Nuri, M.Hannoun, and J.S. Shalabi, "Polarographic Study of Some Arylidene-2-Pyridylhydrazones." *An-Najah J.Research*, 1992, **II** (7), 29.
- 20- A.Z.Abu-Zuhri, M.A.Abu-Eid, M.A.Al-Nuri, and F.M.Mahmoud, " Kinetic Studies on the Hydrolysis of Pyrrolidene Benzylhydrazone and Thiophenylidene Benzoylhydrazone" *J.Fac.Sci, U.A.E Univ*, 1992, **4**, 71.
- 21-M.Abu-Eid, N.A.Zater, M.A.Al-Nuri, M.Khamis and S.Khalaf, "Spectrophotometric Determination of Uranium in Ores Using Di-2-Pyridyl Ketone Hydrazone Derivatives", *Spectroscopy Letters*, 1992, **25**, 585.
- 22-M.A.Al-Nuri M.Abu-Eid, N.A.Zatar, S.Khalaf, M.Hannoun, and M.Khamis "Spectrophotometric Determination of Cobalt in Aqueous Solution Using Di-2-Pyridyl Ketone Derivatives", *Analytica Chimica Acta*, 1992, **259**, 175.

- 23-N.A.Zatar, M.A.Al-Nuri, M.Abu-Eid, M.Hannoun, A.Z.Abu-Zuhri, S.Khalaf, and M.Khamis, "Spectrophotometric Determination of Cobalt with Di-2-Pyridyl Ketone Benzoylhydrazone", *Spectroscopy Letters*, 1991, **24**, 115.
- 24-A.Jarrar, M.A.Al-Nuri, R.J. Abu-Elhalawa , "A Guide to Chemical Literature", *Abdul-Hamid Shuman Foundation, Amman, Jordan*, 1990.
- 25-N.A.Zatar, A.Z.Abu-Zuhri, M.A.Al-Nuri, F.M.Mahmoud, and A.Abu-Obaid, "Simultaneous Spectrophotometric Determination of Iron (II), and Iron (III) in Mixtures Using Di-2-Pyridyl Ketone Benzoylhydrazone", *Spectroscopy Letters*, 1989, **22**, 1203.
- 26-M.A.Abu-Eid, F.M.Mahmoud, M.A.Al-Nuri, and A.Z.Abu-Zuhri, "Kinetic Studies on the Hydrolysis of Furfurylidene Benzoylhydrazone", *Monatschefter fur Chemie*, 1989, **120**, 323.
- 27-M.A.Al-Nuri, "Solvent Effects on p-Values of Hammett Equation for the Hydrolysis of Benzylidene Benzoylhydrazones", *An-Najah J.Research*, 1989, **I(6)**, 51.
- 28-J.J.Tufariello, A.S.Milowsky, M.A.Al-Nuri, and S.Goldstein,"The Synthesis and cycloaddition Reactions of 3-Azabicyclo (3.1.0) hept-2-ene-3-oxide and 3-Azabicyclo (3.2.0) hept-2-ene-3-oxide. Highly Starined Bicyclic Nitrones, "*Tetrahedron Letters*, 1987, **53**, 267.
- 29-J.J. Tufariello, A.S. Milowsky, M.A.Al-Nuri, and S Goldstein, "a Highly Stereoselective Synthesis of (E,E)-1,5-Dienes, "*Tetrahedron Letters*, 1987, **53**, 263.
- 30-H.S. Hilal, S.M.khalaf, M.A.Al-Nuri, and M.Karmi, "Homogeneous Catalysis of the Reaction of Silanes with Alcohols Using Decacarbonyl Dimanganese (0), "*Journal of Molecular Catalysis*, 1986, **28**, 137.
- 31-J.J. Tufariello, G.E. Lee, P.A Senaratne and M.A.Al-Nuri, "Thienamycin. A Solution of the Stereochemical problem, "*Tetrahedron Letters*, 1979, **45**, 4359.

Papers under preparations :

1. Synthesis of Biologically Active Hydrazide Hydrazones.

Co-authors: A. M. Haroun and M. S. Ali-Shtayeh.

2. Isolation of Carvacrol and Thymol from *Micromeria Nervosa*.