CURRICULUM VITAE

Personal Data:

Name: Naowara Mahmoud Alarafi

Data of Birth: 30.11.1980

Place of Birth: Benghazi- Libya

Language: Arabic and English

Citizenship: Libyan

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Educational Qualifications:

2009-2013 Ph.D. Chemistry, Univirsiti Kembangsaan Malaysia, Malaysia

Dissertation: Catalytic Synthesis of Oleyl Oleate Liquid Wax *Ester for Biolubricant Base Oil (Supervisor, Professor Dr. Jumat Salimon).*

2003-2006 MSc. Chemistry, Garyounis University, Libya

Thesis: New method of 2-amino-4H-chromene synthesis (Supervisor, Associated Professor Dr. Abdulla Hamad Gheath).

1998-2002 BSc. Chemistry, Garyounis University, Libya

1995-1998 Secondary School, Al-Fateh Center for Cleaver Students

Academic Experience:

2017 Assistant professor of organic chemistry, Chemistry Department, Benghazi University.

2013-2017 Lecturer of organic chemistry, Chemistry Department, Benghazi University.

2006-2013 Assistant Lecturer of organic chemistry, Chemistry Department, Benghazi University.

2003-2006 Teaching Assistant, Chemistry Department, Bengha University.

Teaching Experience:

Undergraduate Program

Organic chemistry courses (I-VII), Chemistry of Functional groups, and Theoretical and practical aspects.

Research Interest:

Synthesis of heterocyclic compound, Synthesis of biolubricant based wax ester, Synthesis and characterization of ionic liquid catalysts, Spectroscopic studies of structure elucidation.

Publications:

A. Gheath & N. M. Al-Orffi 2008. Synthesis of 2-amino-4H-chromene from Arylidene Malononitrile and arylidene ethyl cyano acetate. Journal of Science and Its Application 1 (2): 91-99.

A. Gheath & N. M. Al-Orffi 2008. New Method of 2-Amino-4H-Chromene Synthesis. Journal of Science and Its Application 1 (2): 60-68.

A. Gheath, M. Elshawish & N. M. Al-Orffi. Synthesis of Chromene Derivatives. 14th Arab Chemistry Conference (ACC-14), Libya-Tripoli (2008) .

Naowara M. Ali & Jumat Salimon. 2011. Synthesis of Long Chain Wax Ester, using the Brønsted Acidic Ionic Liquid N-methyl-2-pyrrolidonium Methyl Sulphate ([NMP][CH_3SO_3]). Research Journal of Applied Sciences 6 (6): 361-365.

Naowara M. Ali & Jumat Salimon . 2012. Production of Oleic Acid Based Wax Ester Using Acidic Homogeneous Catalysts. *E-Journal of Chemistry* 9 (1): 99-106.

Naowara M. Ali & Jumat Salimon. FTIR characterization and physico-chemical properties of oleic acid based wax ester. *Prosiding Kolokium Siswazah Ke-11 Fakulti Sains dan Teknologi, UKM, Bangi, Malaysia.* 6-7 July 2011, SK11.

Naowara M. Ali , Jumat Salimon & Bashar Mudhaffar Abdullah. Comparsion of Some Acidic Homogeneous Catalysts for Esterification of Oleic Acid with Oleyl Alcohol. Proceeding of international conference on chemical innovation 2011 (ICCI 2011). Terengganu, Malaysia, 23-24 May 2011.

Bashar Mudhaffar Abdullah , Jumat Salimon & Naowara M. Ali. Degradation of Monoepoxide Linoleic Acid for Biolubricant Application. Proceeding of international conference on chemical innovation 2011 (ICCI 2011). Terengganu, Malaysia, 23-24 May 2011.

A. Gheath, N. M. Al-Farsi & Naowara M. Ali.2016. Reactions of Gluten with Anhydride Derivtives. *IOSR Journal of Applied Chemistry* 9 (8):61-68.

A. H. Gheath , O. O. El-Abedy , Naowara M. Ali, Hind Elzletni. 2016. Coupling of Paba Diazonium Chloride with Active Methylenes and Their Microbial Evaluations. *Journal of Research in Pharmaceutical Science*

3 (3): 10-19.

Sali Abdelal, Abdullah Gheath, Naowara Alarafi, Ghazala Hasimd. 2017. Synthesis of Diaznylpyrazol Derivatives. *American Scientific Research Journal for Engineering, Technology, and Sciences (ASRJETS)*. 27(1): 73-84.

Wedad M. Al-Adiwish, Maryam A. S. Abubakr, Naowara M. Alarafi. 2017. Synthesis of New Pyrazolo [5, 1-c] [1, 2, 4] triazines from -5Aminopyrazole and Study Biological Activity and Cytotoxicity. *International Journal of Photochemistry and Photobiology*. 2(2): 38-45.

Abdullah Gheath, Ali Alawami, Naowara Alarafi, Mona Aabdelrhman and Amal Boulifa. 2019. The Reaction of Aldehydes with Aryl Acetonitriles and their Microbial Evaluations. *Research Journal of Applied Sciences, Engineering and Technology*. 16(5): 204-211.