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Education

PhD of Organic Chemistry
University of Connecticut
USA (2005)
Mentor: Professor Michael B. Smith

MSc of Chemistry
University of Jordan
Jordan (1993)
Mentors: Ribhi Al-Zaru (Major), Adel Jarrar (Minor)

BSc of Chemistry
Qatar University
Qatar (1986)

Working Experience

2005-Current
Assistant Professor of organic chemistry
The Hashemite University

2008-2009 (one semester)
Assistant Professor – Department of Basic
Sciences, Al- Balqa' Applied University

2000-2005
Teaching Assistant
University of Connecticut -Chemistry
Department

1993-2000
Teaching Assistant

Mu'tah University-Chemistry Department

1989-1993
Teaching assistant
University of Jordan – Chemistry
Department

Teaching Experience

I. General and Organic Chemistry
laboratories at

University of Jordan (1989-1993)
Mu'tah University (1993-2000)
University of Connecticut (2000-2005)

II. The following courses at Hashemite
University

General Chemistry (1)
General Chemistry (2)
General Chemistry Laboratory
General Chemistry for Engineers
Organic Chemistry (1)
Organic Chemistry (2)
Organic Chemistry (3)
Molecular Structure & Mechanisms of
Organic Reactions (Graduate Course)
Practical Organic Chemistry
Basics of Organic Chemistry for non majors
Basics of Organic Chemistry for Medicine
Students
Systematic Identification of Organic
Compounds

Publications

1. Kinetics of Oxidation of Atropine by Alkaline KMnO_4 in Aqueous Solutions., Abdullah I. Saleh, Sanad Al-Ghreizat, Hamzeh Abdel-Halim. *Asian Journal of Chemistry*, Accepted 2015
2. A Concise Route to 4-Aminomethylpyrazoles and 4-Aminomethylisoxazoles from Acetylacetone-derived Hexahydropyrimidines under Mild Conditions. Abdullah I. Saleh, Kayed A. Abu-Safieh, Bader A. Salameh. *Chemical Papers*, Accepted 2014.
3. Synthesis of 1,3-disubstituted hexahydropyrimidine derivatives from dibenzoylmethane, acetylacetone, ethyl acetoacetate: one-pot FeCl_3 -catalyzed Mannich reaction. Abdullah Saleh, Martha Morton, and John D'Angelo, *Synth. Commun.* 2014, 44(19), 2715-2723. DOI: 10.1080/00397911.2014.916302.
4. Selective removal of dibenzothiophene from diesel fuel using manganese oxides modified activated carbon: a kinetic study, Kayed A. Abu Safieh, Yahya S. Al-Degs, Mahmoud S. Sunjuk, Abdullah Saleh & Mohammad A. Al-Ghouti, *Environ. Technol.* 2015, 36(1)98-105
DOI:10.1080/09593330.2014.93812
5. Selective coupling of carbon dioxide and epoxystyrene via salicylaldehyde-, thiophenaldimine-, and quinolinaldime-iron(II), iron(III), chromium(III), and cobalt(III)/Lewis base catalysts By Mahmoud Sunjuk; Adnan S. Abu-Surrah; Esraa Al-Ramahi; Abdussalam K. Qaroush; Abdullah Saleh, *Transition Met. Chem.* 2013, 38(3), 253-257.
6. Synthesis of 3-Guaninyl- and 3-Adeninyl-5-hydroxymethyl-2-pyrrolidinone Nucleosides, Abdullah Saleh, John G. D'Angelo, Martha D. Morton, Jesse Quinn, Kendra Redden, Rafal W. Mielguz, Christopher Pavlik, and Michael B. Smith. *J. Org. Chem.*, 2011, 76(14), 5574–5583.
7. Examining the potency of suggested inhibitors for the phosphatase activity of the human soluble epoxide hydrolase by molecular dynamics simulations By El-Barghouthi, Musa I.; Saleh, Abdullah I.; Ghandour, Ahmad; Ghanem, Raed; Zacharias, Martin *Journal of Molecular Structure: THEOCHEM*, 2010, 944(1-3), 97-104.
8. Compressibility and compactibility studies of chitosan, xanthan gum, and their mixtures By Eftaiha, Ala'a F.; El-Barghouthi, Musa I.; Rashid, Iyad S.; AlRemawi, Mayyas M.; Saleh, Abdullah I.; Badwan, Adnan A. *J. Mater. Sci.* 2009, 44(4), 1054-1062.
9. Structural confirmation of the dihydrosphinganine and fatty acid constituents of the dental pathogen *Porphyromonas gingivalis* By Mun,

JiYoung; Onorato, Amber; Nichols, Frank C.; Morton, Martha D.; Saleh, Abdullah I.; Welzel, Morgan; Smith, Michael B. *Org. Biomol. Chem.* 2007, 5(23), 3826-3833.

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Conferences Attended

- 229th ACS National Meeting, San Diego, CA, United States, March 13-17, 2005 (2005) The asymmetric synthesis of 3-adenenyl and 3-guanidinyl-5- hydroxymethyl-2 pyrrolidinones.
- 227th ACS National Meeting, Anaheim, CA, United States, March 28- April 1, 2004 (2004) Substituted lactams as putative anti-viral compounds.
- 225th ACS National Meeting, New Orleans, LA, United States, March 23-27, 2003 (2003), Asymmetric synthesis of nucleobase lactams.
- Annual Conferences held by Jordanian Chemical Society in Jordan (2005- 2014)

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References

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