

# Almeqdad Y. Habashneh

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## 1- EDUCATION:

♦ **Ph.D in Organic Chemistry:** Memorial university of Newfoundland, St John's, Canada  
A1B 3X7. 2008

**Supervisor:** Dr Chet Jablonski, Dr. Paris Georghiou

**Thesis work:** Synthetic Investigations on New Calixsalens and Modified Thiocalixarenes

♦ **MSc in Organic Chemistry:** Mu'tah University, Al-Karak, Jordan 1999

**Supervisor:** Dr Helmi Hussian

**Thesis work:** Synthetic studies relating to functionalized cyclopropanes and Cyclopropens.

♦ **B.Sc in Chemistry:** Mu'tah University, Al-Karak, Jordan. 1995

## 2- WORK EXPERIENCE:

- **Assistant Professor** 2009 until now
- **Teaching assistant:** Memorial University, Al-Karak, Jordan. 2002-2006
- **Laboratory Instructor:** Mu'tah University, Al-Karak, Jordan 2000-2002
- **Teaching assistant:** Mu'tah University, Al-Karak, Jordan. 1997-1998
- **High school chemistry teacher:** Prince Alhassan High school, Al-Karak, Jordan  
1995-1997 and 1998-2000

## 3-SKILLS AND INTERESTS:

- Teaching chemistry and organic chemistry courses for graduated and undergraduate students.
- Experience in organic synthesis, supramolecular chemistry and bioorganic chemistry (Synthesis of compounds with antibacterial and anticancer activities)
- Structure determination of new products using NMR, MS, IR and UV spectroscopy.

## Languages

I Speak English language fluently and my English academic writing is good.

## Fellowship and funding

- Scholarship from Memorial university of Newfoundland for Ph.D degree.
- Funded by the deanship of academic search in the University of Jordan with 22500 JD (2011-2013)
- Funded by the deanship of academic search in the University of Jordan with 12000 JD (2014-until now).
- Funded by Hamdi Mango Center\_ (HMCSR) with 5000 JD

## PUBLICATIONS

- "The cycloaddition of cyclopropenes to enones " Dulayyami, Juma'a R. Al; Baird, Mark S.; Hussain, Helmi H.; Alhourani, Baker J.; **Alhabashna, Al-Meqdad Y.**; Coles, Simon J.; Hursthouse, Michael B. *Tetrahedron Lett.* **2000**, *41*, 4205.
- "Reactions of thiacalix[4]arene 1,3-bistriflate: formation of thiacalix-[2]phenoxathiins— structural and complexation studies" **Habashneh, A.**; Jablonski, C. R.; Collins, J. and Georghiou, P. E. *New J. Chem.* **2008**, *32*, 1590.
- "Efficient protocol for one-pot bis-Suzuki coupling reaction to produce teraryl systems by using low mol% of Pd(PPh<sub>3</sub>)<sub>4</sub> " **Habashneh, A.**; Jablonski, C. R. and Georghiou, P. E., *Synth. commun* **2009**.*39*, 4221-4229.
- " New generation of calix[2]salens with larger cavity size " Habashneh, A.; Jablonski, C. R. and Georghiou, P. E., *manuscript in preparation*.
- "Heterocycles [c]-fused onto Indoloquinoline Synthesis of Novel Pyrano[2',3':4,5]indolo[2,3-*b*]quinoline-2-ones" **Almeqdad Y. Habashneh**, Mustafa M. El-Abadelah, Mohammed M. Abadleh and Wolfgang Voelter, *Z. Naturforsch.* **2012**, *67b*, 725 – 730.
- "Heterocycles [f]-Fused onto Quinolones. Synthesis of Novel Dioxo-*N*-ethylpyrano[2,3-*f*] and [3,2-*f*]quinoline-10-carboxylic Acids" **Almeqdad Y. Habashneh** , Mustafa M. El-Abadelah, Mohammad S. Mubarak , and Wolfgang Voelter , *Z. Naturforsch.* **2013**, *68b*, 1049 – 1055.

"Synthesis and Antitumor Activities of Some New *N*1-(Flavon-6-yl)amidrazone Derivatives" **Almiqdad Y. Habashneh**, Mustafa El-Abadelah, Malek A Zihlif, Amer Imraish, Mutasem O. Taha, *Archiv der Farmazie* **2014**, 347, 415 - 422.

### Conference, presentations and workshops

"New generation of calix[2]salens with varying cavity size " **Habashneh, A.**; Jablonski, C. R. and Georghiou, P. E., **2003**. 86th Chemical Society of Canada Conference and 39th IUPAC international conference, Ottawa, Canada.

"Synthesis and characterization of new chiral calixsalens with varying cavity size" **Habashneh, A.**; Jablonski, C. R. and Georghiou, P. E., **2005**. The 3th APICS/CIC Atlantic chemistry conference. St John's, Canada.

"Narrow-rim Modifications of Calix[4]arene, Thiocalix[4]-arene and Calix-[4]naphthalene *via* Sonogashira coupling reactions " Georghiou, P. E.; **Habashneh, A.**; Al-Saraierh and Tran,H.-A. **2007**. Calix2007: 9th International Conference on Calixarene Chemistry, Univ. Maryland, College Park, MD, USA, August 6–9.

11<sup>th</sup> Eurasia on Chemical Science, October, 2010, Dead Sea, Jordan.

International conference of young chemists 2012, Amman, Jordan.

The 1st International conference on natural products and drug discovery 2015, Amman, Jordan.

Chemical Security Workshop (CSP -US department of state) 7-10 June, 2015.

"Synthesis and antitumor activities of some new amidrazone derivatives" **Habashneh A. Y.** **2017**. Jordanian Life science for sustainable development, Amman, Jordan April 27-29.

### References

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