

Name : Shatha Ibrahim Al-Aqeel

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Women students-medical studies & sciences sections

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Department of Chemistry, College of Science - Girls Section,
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Riyadh 11451, KSA

Education

<u>Degree Earned</u>	<u>University</u>	<u>Result or Grade</u>	<u>Year</u>
BSC Honours in Chemistry	King Saud University		

M.Sc. in Organic Chemistry	King Saud University		
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**Title: Synthesis and Spectroscopic Properties of Some Pyrimido
[4,5-*b*]quinoline Derivatives**

Ph. D. in Synthetic Organic Chemistry	Manchester University	Excellent	2006-2010
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**Title: Synthesis of novel dimeric and oligomeric benzimidazoles targeted to
nucleic acid minor groove binding**

ATeaching Experience

Demonstrator	King Saud University Chemistry department	
Lecturer	King Saud University Chemistry department	
Assistant professor	King Saud University Chemistry department	2010-present

Publications

Fatma. E. M. El-Baih, Shatha. I. Al-Aqeel, Ola. A. El-Sayed, and Hassan. M. Al-Hazimi,
Novel 4-Amino pyrimido[4,5-b]quinoline derivatives as potential Antimicrobial Agents
Boll. Chem. Farmac, 141(6) , Nov/Dec: 461-465, **2002**

Fatma. E. M. El-Baih, Shatha. I. Al-Aqeel, Ola. A. El-Sayed, and Hassan. M. Al-Hazimi,
Synthesis and Spectroscopic Properties of some Pyrimido[4,5-b]Quinoline Derivatives.
J. King Saud Univ. (Science), 18(1), 1-17, **2005**.

Synthetic approaches to benzimidazoles from o-phenylenediamine: A literature review
Journal of Saudi Chemical Society, 21, 229–237, **2017**

Abstracts presented at Conferences

Shatha Al-Aqeel, Kanan El-Wahedy, Aqeel Ahmad and John M. Gardiner
Modular Synthesis and DNA binding of Novel Oligoheterocycles.
The international Nucleic Acids and the Chemical Biology Interface (NA-CBI 2009) meeting, 20-23 2009, (University of Manchester), United kingdom.

Shatha Al-Aqeel, Kanan El-Wahedy, Aqeel Ahmad and John M. Gardiner
Modular Synthesis and DNA binding of Novel Oligoheterocycles.

6th Middle east Metabolic Group Meeting. 16 &17 october 2009, Istanbul, Turkey.

Shatha Al-Aqeel, Kanan El-Wahedy, Aqeel Ahmad and John M. Gardiner
Modular Synthesis and DNA binding of Novel Oligoheterocycles.
The RSC Bioorganic Group Postgraduate Meeting, 22 April 2010 (University of Nottingham), United kingdom.

Shatha Al-Aqeel, Kanan El-Wahedy, Aqeel Ahmad and John M. Gardiner
Modular Synthesis and DNA binding of Novel Oligoheterocycles.
The North West Organic Chemistry Symposium. 6th July 2010 (University of Manchester), United kingdom.

Shatha Al-Aqeel, Kanan El-Wahedy, Aqeel Ahmad and John M. Gardiner
Modular Synthesis and DNA binding of Novel Oligoheterocycles.
5th Internationnal Symposium on Advancing the chemical Sciences-Challenges in Chemical Biology (ISACS5), 26-29 July 2011, (University of Manchester), United kingdom.

Shatha Al-Aqeel and John M. Gardiner
DNA binding of Novel Oligoheterocycles.
The 12th International Congress of Human Geneticc. 11-17 October 2011, Montreal, Toronto, Canada.

Shatha Al-Aqeel
DNA binding and Anticancer Effect of Novel Oligoheterocycles.
The 18th European Symposium on Organic Chemistry. 7-11 July 2013, Marseille, France.

Shatha Al-Aqeel, Kanan El-Wahedy and John M. Gardiner
Novel Oligoheterocycles and potential ability as Anti-cancer therapy
10th Middle East Metabolic Group Meeting. 5-7 December 2013, Istanbul, Turkey.

Attended Conferences

The 4th Saudi International Conference. 29-31 July 2010 (University of Manchester) United kingdom .

15th Annual conference of the European Biosafety Association. 11-13 June 2012(University of Manchester) United kingdom .

2012 4th Journal conference on Bioscience, Biochemistry and Bioinformatics. 22-23 December 2012, Kuala Lumpur, Malaysia.

The 5th Pan Arab Human Genetics Conference and 2013 Golden Helix Symposium. 17-19 November 2013, Dubai, United Arab Emirates.

2014 3rd International conference on Bioinformatics and Biomedical Science. 18-20 June 2014, Copenhagen, Denmark

20th International Mass Spectrometry conference. 24-29 August 2014, Geneva, Switzerland.

Teaching Activities

- Supervision and assistance of undergraduates chemistry laboratory students. This includes helping plan work, writing up and others.
- Use of the University's on line training resources for academics.

Scientific Experience:

Coordinator of 145 chem (Introduction of organic chemistry) 2nd semester 1432-1433

Coordinator of development quality committee in chemistry department, faculty of science, KSU 1434-1435 until now

