

**Reem Ibrahim Al-Wabli**

**Assistant Professor, Pharmaceutical Chemistry**

**College of Pharmacy, King Saud University**

**Nationality** Saudi

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**Social Status:** Married with 3 children

**Education**

**2013/1434 PhD in Pharmaceutical Chemistry**

Pharmaceutical Chemistry Department,  
College of Pharmacy

King Saud University Riyadh, KSA

**2006/1426 Masters of science in Pharmaceuticl Chemistry**

King Saud University Riyadh, KSA

Thesis Title: Synthesis of Curcumin Analogues Bioconjugates  
as Potential Antitumor Agents in Isolated Human Cells.

**1996/1417 Bachelor of Pharmaceutical Sciences**

King Saud University Riyadh, KSA

## Languages

Arabic, Fluent English

## Employments

**2013/1434**

king Saud University                      Riyadh, KSA

**Assistant Professor** in Pharm. Chemistry Department,  
College of pharmacy

**2008/1429**

king Saud University                      Riyadh, KSA

**Lecturer** in Pharm. Chemistry Department, College of  
pharmacy

**2007/1428**

King Saud University                      Riyadh, KSA

**Teaching assistant** in Pharm. Chemistry Department, College  
of Pharmacy

**1998/1419**

King Saud University                      Riyadh, KSA

**Pharmacist** in Pharmaceutical Chemistry Department, College  
of Pharmacy

**1996/1417**

King Khalid University Hospital    Riyadh, KSA

**Pharmacist** for almost two years

Rotation in:

\* Out-Patient Pharmacy

\*In- Patient Pharmacy

\*Intra Venous I.V

### Administrative Responsibilities

- 2015**            Member of the committee of supporting new faculty  
Member of the experiential student training committee  
Member of the statistics committee
- 2014**            Member of the committee of supporting new faculty
- 2011**            Member of the department committee of the load and annual  
report
- 2010**            Member of the chemical committee in king saud university  
and responsible for the chemical refrigerators in the pharmacy  
college
- 2008-2009**        Member of the laboratory committee in the pharmacy college
- 1998-2008**        Member of the laboratory committee in the pharmaceutical  
chemistry department

### Publications

- 2015**    -“ Anti-Inflammatory Screening and Molecular Modeling of Some Novel  
Coumarin Derivatives, *Molecules* 20 (2015) 5374-5391
- “ Vibrational spectroscopic investigation (FT-IR and FT-Raman)  
using ab initio (HF) and DFT (B3LYP) calculations of 3-ethoxymethyl-1,4-  
dihydroquinolin-4-one, *Spectrochimica Acta Part A: Molecular and  
Biomolecular Spectroscopy* 137 (2015) 7–15.
- “ Crystal structure of (2*E*)-2-[1-(4-bromophenyl)-3-(1*H*-imidazol-1-yl)  
propylidene]-*N*-(2,4-dichlorophenyl)hydrazinecarboxamide,  
C<sub>19</sub>H<sub>16</sub>BrC<sub>12</sub>N<sub>5</sub>O” *Z. Kristallogr. NCS* **230** (2015) 219-220

-“ Crystal structure of 3-(adamantan-1-yl)-4-(4-chlorophenyl)-1H-1,2,4-triazole-5(4H)-thione”, *Acta Cryst.* (2015). E71, o115–o116

**2014**     Poster in the Conference of Drug Design & Therapy world congress, USA, boston, MA; Title: 3-Substituted-4-Quinolones: Effect of Substituents on NMR Features and The Relationship Between Molecular Docking and Antibacterial Activity.

- " Synthesis, Single Crystal X-Ray Structure, and Antimicrobial Activity of 6-(1,3-Benzodioxol-5-ylmethyl)-5-ethyl-2-{[2-(morpholin-4-yl)ethyl]sulfanyl}pyrimidin-4(3H)-one", *Journal of Chemistry*", (2014), 1-8.

- " Vibrational spectroscopic studies (FT-IR, FT-Raman) and quantum chemical calculations on 5-(Adamantan-1-yl)-3-[(4-fluoroanilino)methyl]-2,3-dihydro-1,3,4-oxadiazole-2-thione, a potential chemotherapeutic agent", *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy* 133 (2014) 605–618

- "Synthesis, Molecular Docking, Antibacterial Evaluation of Various Quinoline Schiff Bases: Labeling & Biodistribution of  $^{99m}\text{Tc}$ -2-(*p*-hydroxybenzylidene)-1-(quinolin-4-yl)hydrazine", *Medicinal Chemistry Research*, DOI: 10.1007/s00044-014-0977-1.

-Poster in the 6<sup>th</sup> International Conference of Drug Design & Therapy, Title: "Synthesis, Molecular Docking, Antibacterial Evaluation of Various Quinoline Schiff Bases: Labeling & Biodistribution of  $^{99m}\text{Tc}$ -2-(*p*-hydroxybenzylidene)-1-(quinolin-4-yl)hydrazine.

**2012**     " 3-Ethoxymethyl-1,4-dihydroquinolin-4-one", *Acta Crystallographica*.

Volume 68(7), Page o2234

- 2012** " Synthesis of Curcumin and Ethyl Curcumin bioconjugates as potential Antitumor agents", Medicinal Chemistry Research. Volume 21, Number 6, Pages 874-890
- 2011** "Labeling and biodistribution of  $^{99m}\text{Tc}$ -7-bromo-1,4-dihydro-4-oxo-quinolin-3-carboxylic acid complex", *Journal of Radioanalytical and Nuclear Chemistry*, Volume 290, Number 2, Pages 507-513
- 2003** Poster in the 9<sup>th</sup> International Pharmaceutical Sciences Meeting and Exposition, *Title: Synthesis of bioconjugate analogs of curcumin as Potent antitumor agents*

### **Skills**

Lecturing the undergraduate and post graduate courses:

- PHC 211
- PHC 323
- PHC 313
- PHC 311
- PHC 514
- PHC 512

Dealing with chemicals and preparation of reagents, Synthesis of different compounds, TLC, HPLC and Column Chromatography.

Good Computer User.

CPR Course (1997)

### **Scientific Activities:**

- 25-29/10/2015** 2015 AAPS Annual Meeting and Exposition, USA, Orlando
- 11-13/10/2015** The 2<sup>nd</sup> Saudi International Conference on Scientific Publishing  
2015, KSU, SA, Riyadh
- 27-31/7/2015** KSU Faculty Development Training Week, UOttawa, CA, Ottawa

<b>17-20/8/2014</b>	Challenges in Nanoscience Conference, USA, CA, San Diego.
<b>16-19/6/2014</b>	Drug Discovery & Therapy World Congress, USA, MA, Boston,
<b>10-12/2/2014</b>	The 6th International Conference of Drug Design & Therapy, UAE, Dubai, College of women, Eureka Science
<b>2-3/10/2013</b>	Publication in international periodicals King Saud University, Deanship of skills development
<b>18/5/2011</b>	Effective Classroom Management and Dealing with Disruptive Students, King saud university, Elisha, Deanship of Skills Development
<b>18-19/1/2011</b>	Learning Management System King saud university, Al-Malaz
<b>05/2010</b>	Micro teaching King saud university, Elisha, Deanship of Skills Development
<b>25-28/4/2010</b>	The 8 <sup>th</sup> International Saudi Pharmaceutical Conference The Saudi Pharmaceutical Society, Riyadh, Prince Sultan Hall at Alfaisaliah tower
<b>6-7/4/2010</b>	Skills of Evaluation of New Students King saud university, Elisha, Deanship of Skills Development
<b>20-21/3/2010</b>	Building the courses King saud university, Elisha, Deanship of Skills Development
<b>10-12 2010</b>	Effective College teaching King saud university, Elisha, Deanship of Skills Development
<b>20/12/2009</b>	workshop on How to Publish Article in an ISI journal King saud university, Al-Malaz
<b>2009</b>	Opening meeting of the basic teaching skills King saud university, Al-Malaz, Deanship of Skills Development
<b>2009</b>	presentation by the title:

Recent advances in selective  $\alpha_1$ -adrenorecept antagonists as antihypertensive agents

King saud university, Al-Deryha

**2009**

Seminar by the title:

Nitric Oxide and its Role as Anti-Cancer Agent

King saud university, Al-Malaz

**2008**

Seminar by the title:

Gene Therapy as a Novel approach in Cancer Therapy

King saud university, Al-Malaz

**26-28 October 1999** The 5<sup>th</sup> International Saudi Pharmacy Conference  
(The Pharmacy Profession in the 21<sup>st</sup> Century)  
Saudi Pharmaceutical Society.

### **Theses Supervision**

Supervision of Master student Alwa Al-Gamdi with a title:  
Design and Synthesis of some Benzodioxole Imine Derivatives  
Containing Imidazole Nucleus as Potential antifungal Agents

### **Reference**

**Dr. Wafa Zaghari**

Professor of Pharmaceutical Chemistry

College of Pharmacy, King Saud University

**Dr. Maha Al-Mutairi**

Assistant Professor of Pharmaceutical Chemistry

College of Pharmacy, King Saud University

**Dr. Abdulrahman Al-Obaid**

Professor of Pharmaceutical Chemistry

College of Pharmacy, King Saud University