

Curriculum Vita

Name: Maha Sultan Al-Mutairi

Sex: Female

Marital Status: Married – five children

Nationality: Saudi

Present Post: Associate Professor, Department of Pharm. Chem.
College of Pharmacy, KSU.

Languages Spoken: Arabic, English

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Qualifications

1- Bachelor of Pharmaceutical Sciences, 14 May 1994. Grade "Very Good, Honor", Pharmacy college, KSU University, Kingdom of Saudi Arabia .

2- Master Degree in Pharmaceutical Chemistry, 13 February 1998.

Thesis Title : *SYNTHESIS AND BIOLOGICAL EVALUATION OF CERTAIN SUBSTITUTED 1H-ISOINDOLDIONE DERIVATIVES OF EXPECTED CYTOTOXIC ACTIVITY.*

3- Ph. D. Degree in Pharmaceutical Chemistry, 6 may, 2008.

Thesis Title : *SYNTHESIS OF NEW MODIFIED ESTROGENS OF POTENTIAL THERAPEUTIC ACTIVITY.*

Career Development

- ✓ Demonstrator, Department of Pharmaceutical Chemistry, College of Pharmacy, King Saud University, 7 December 1994 - 1999.
- ✓ Lecturer, Department of Pharmaceutical Chemistry, College of Pharmacy, King Saud University, 1999 - till 3 July 2008.
- ✓ Assistant professor, Department of Pharmaceutical Chemistry, College of Pharmacy, King Saud University, 12 July 2008 till 1 September 2015.

- ✓ Vice Dean of pharmacy college since 1 July 2010 till 19 August 2015.
- ✓ Associate professor, Department of Pharmaceutical Chemistry, College of Pharmacy, King Saud University, 2 September 2015 till now.

Conferences and Workshops Attendances 2011 - 2015

1. Attendance in the **Biologics Conference : "Where are we now?"** held at Manamah, Bahrain in 26-27 Oct. 2016.
2. The workshop for **FUNDAMENTALL OF STUDENT ASSESSMENT SYSTEM** held in KSU, colleg of pharmacy during the period of 26- 27 Jun. 2016.
3. Attendance in the **14TH - HUPO 2015 WORLD CONGRESS** held at Vancouver, Canada in 27-30 Sep. 2015.
4. Participation in the **16TH TETRAHEDRON SYMPOSIUM: CHALLENGES IN BIOORGANIC & ORGANIC CHEMISTRY** held at Berlin, Germany in 16-19 June 2015.

Title:

Synthesis, Docking and Biological Activities of Novel Hybrids Celecoxib and Anthraquinone Analogs as potent cytotoxic agents.

5. Participation in the **1ST PHARM D INTERNSHIP RESEARCH DAY** Held on 21 May 2015
6. Attendance in the **10TH ANNUAL DRUG DISCOVERY CHEMISTRY** held at San Diego, USA in 21-23 Apr. 2015.
7. The workshop for **TEACING AND LEARNING SUMMER PROGRAM** held in 20-24 Jun. 2014, at University of South Florida, Florida, USA.
8. Participation in the **3RD - INTERNATIONAL CONFERENCE AND EXHIBITION ON METABOLOMICS & SYSTEMS BIOLOGY** held at San Antonio, America in 24-26 Mar. 2014.

Title:

Biodistribution of 99mTc-2-Aminoestrone-3-Methyl Ether as a Potential Radiotracer for Inflammation Imaging

9. Attendance in the **10TH - DISCOVERY CHEMISTRY CONGRESS** held at Barcelona, Spain in 18-19 Feb. 2014.
10. Participation in the **2013 RICT- DRUG DISCOVERY AND SELECTION, WHEN CHEMICAL BIOLOGY MEETS DRUG** held in Nice, France, during 3-5 July, 2013.

Title:

Synthesis, Molecular Docking And Preliminary in-Vitro Cytotoxic Evaluation of Some Substituted Tetrahydro Naphthalene (2',3',4',6'-Tetra-O-Acetyl-B-D-Gluco-/ Galactopyranosyl) Derivatives

11. Participation in **THE 5th INTERNATIONAL CONFERENCE OF DRUG DESIGN AND THERAPY**, which held in Dubai, AUE, 18 – 21/ 2/ 2013.

Title:

Synthesis, Single Crystal X-Ray And Anti-Candida Potential of Certain New 1-[(3-substituted-3-phenyl)propyl]-1H-imidazoles

12. Attendance of the **PEGS EUROPE: PROTEIN & ANTIBODY ENGINEERING SUMMIT** held at Vienna, Austria in 6-8 Nov. 2012.

13. The training workshop for **LEARNING AND TEACHING** held in Toronto, Canada during the period 24-28 June 2013.

14. The training workshop for **ACTIVE LEARNING STRATEGIES WITH IPADS AND TABLET DEVICES** held within the 3rd international conference for e-learning and distance learning during the period 2-4 Feb. 2013.

15. The workshop for **DISCIPLINE BASED TEACHING & PEDAGOGIC RESEARCH** held in KSU during the period of 24 Dec. 2012.

16. The workshop for **LEARNING TO THINK STRATEGICALLY** held at KSU during the period of 10-11 Dec. 2012.

17. The workshop for **LEARNING BASED BRAINSTORMING** held in KSU during the period of 17-18/09/2012.

18. Participation in the **4TH INTERNATIONAL CHEMISTRY CONFERENCE** held in Riyadh, Saudi Arabia on 19-21 Nov. 2011.

Title:

Inhibitory Effect of Some New Uracil and Thiouracil Derivatives on Certain Penetration Enzymes

19. Participation in **5th DRUG DESIGN AND MEDICINAL CHEMISTRY** held in 19-21 Oct. 2011 at San Diego, CA, USA.

Title:

Design and Synthesis of Acridine-4-Carboxamide and Acridine-4- Carboxylate Derivatives as Tyrosine Kinase Inhibitors

20. The workshop for **TEACING AND LEARNING SUMMER PROGRAM** held in 4-8 Jul. 2011, at University of Dundee, Dundee, UK.

21. The workshop for **ACADEMIC ADVISMENT: STRATEGIES AND METHODS** held on 13/ 6/ 1432H, at KSU, Riyadh, Saudi Arabia.

22. **FIRST INTERNATIONAL SYMPOSIUM FOR CHEMICAL SAFTY** held on 13-15/ 5/ 1432H, at KSU, Riyadh, Saudi Arabia.

23. Attendance in INQAAHE 2011 Conference **QUALITY ASSURANCE: FOUNDATION FOR THE FUTURE** held on 4-7 Apr. 2011, at Spain-Madrid.

24. The workshop for **PROBLEM BASED EDUCATION** held on 26-27/ 3/ 1432H, at KSU, Riyadh, Saudi Arabia.
 25. The training workshop for **ACTIVE LEARNING STRATEGIES WITH IPADS AND TABLET DEVICES** held within the 3rd international conference for e-learning and distance learning during the period 2-4 Feb. 2013.
 26. Participation in *THE 3^{ED} INTERNATIONAL CONFERENCE OF DRUG DESIGN AND THERAPY*, which held in Dubai, AUE, 4 – 7/ 3/ 1432H.
- Title:*
Synthesis of Certain Fused Thiophenes of expected Topoisomerase I and II Inhibitors.
27. The workshop for **DISCIPLINE BASED TEACHING & PEDAGOGIC RESEARCH** held in KSU during the period of 24 Dec. 2012.
 28. The workshop for **RECRUITING, DEVELOPING, AND RETAINING: A FACULTY FOR THE 21ST CENTURY** held on 6-7/ 2/ 1432H, in Riyadh, Saudi Arabia.
 29. Attendance in the 3^{ed} International Conference of Natural Products, which held in Penning, Malaysia, 4 – 6/ 1/ 1432H.
 30. Harvard Program *TEACHING HOW TO TEACH* held on 24-26/ 12/ 1431H, in Riyadh, Saudi Arabia.
 31. Program of **ACCADEMIC MANGEMENT LEADERSHIP OF THE HEAD** held on 7-12/ 8/ 1431 H, in Melbourne, Australia.

Publications

1. **MS Almutairi**, D Manimaran, IH Joe, OA Saleh, MI Attia (2015) *STRUCTURAL PROPERTIES AND BIOLOGICAL PREDICTION OF ({{{(1E)-3-(1H-IMIDAZOL-1-YL)-1-PHENYLPROPYLIDENE} AMINO} OXY}(4-METHYLPHENYL) METHANONE: AN IN SILICO APPROACH*. Symmetry 8 (1), 1
2. **MS Almutairi**, HA Ghabbour, SW Ghoneim, HK Fun, MI Attia (2015) *X-RAY MOLECULAR STRUCTURE OF ({{{(1E)-3-(1 H-IMIDAZOL-1-YL)-1-PHENYLPROPYLIDENE} AMINO} OXY}(3, 4, 5-TRIMETHOXYPHENYL)-METHANONE: A POTENTIAL ANTI-CANDIDA AGENT*. Tropical Journal of Pharmaceutical Research 14 (11), 2041-2046
3. MI Attia, HA Ghabbour, **MS Almutairi**, SW Ghoneim, HK Fun (2015) *SINGLE-CRYSTAL X-RAY STRUCTURE OF ANTI-CANDIDA AGENT,(E)-3-(1H-IMIDAZOL-1-YL)-1-PHENYLPROPAN-1-ONE O-3-CHLOROBENZOYL OXIME*. Tropical Journal of Pharmaceutical Research 14 (10), 1865-1870
4. **Maha S Almutairi**, Amer M Alanazi, Ebtehal S Al-Abdullah, Ali A El-Emam, Shilendra K Pathak, Ruchi Srivastava, Onkar Prasad, Leena Sinha (2015) *FT-IR AND FT-RAMAN SPECTROSCOPIC SIGNATURES, VIBRATIONAL ASSIGNMENTS, NBO, NLO ANALYSIS AND MOLECULAR DOCKING STUDY OF 2-{{[5-(ADAMANTAN-1-YL)-4-METHYL-4H-1, 2, 4-*

TRIAZOL-3-YL] SULFANYL)-N, N-DIMETHYLETHANAMINE. Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 140, 1-14.

5. **MS Almutairi**, GH Hegazy, ME Haiba, HI Ali, NM Khalifa, AEM Soliman (2014) *SYNTHESIS, DOCKING AND BIOLOGICAL ACTIVITIES OF NOVEL HYBRIDS CELECOXIB AND ANTHRAQUINONE ANALOGS AS POTENT CYTOTOXIC AGENTS*. International Journal of Molecular Sciences 15 (12); 22580-22603.
6. **Maha S Almutairi**, Mohamed I Attia, Hazem A Ghabbour, Soraya W Ghoneim, Hatem A Abdel-Aziz, Hoong-Kun (2014) *CRYSTAL STRUCTURE OF ((E)-[3-(1H-IMIDAZOL-1-YL)-1-PHENYLPROPYLIDENE] AMINO}-OXY)(4-METHYLPHENYL) METHANONE, C₂₀H₁₉N₃O₂*. Funeitschrift Kristallographie-New Crystal Structures 229 (4); 307-308.
7. **MS Almutairi**, MA Motaleb, NG Haress, WA Zagahary (2014) *BIODISTRIBUTION OF ^{99m}TC-2-AMINOESTRONE-3-METHYL ETHER AS A POTENTIAL RADIOTRACER FOR INFLAMMATION IMAGING*. Journal of Radioanalytical and Nuclear Chemistry; 1-8.
8. Rosline Sebastian Sr, Mohamed I Attia, **Maha S Almutairi**, Ali A El-Emam, C Yohannan Panicker, Christian Van Alsenoy (2014) *FT-IR, FT-RAMAN, MOLECULAR STRUCTURE, FIRST ORDER HYPERPOLARIZABILITY, HOMO AND LUMO ANALYSIS, MEP AND NBO ANALYSIS OF 3-(ADAMANTAN-1-YL)-4-(PROP-2-EN-1-YL)-1< I> H</I>-1, 2, 4-TRIAZOLE-5 (4< I> H</I>)-THIONE, A POTENTIAL BIOACTIVE AGENT*. Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 132; 295-304.
9. MI Attia, HA Ghabbour, **MS Almutairi**, SW Ghoneim, HK Fun (2014) *CRYSTAL STRUCTURE OF (4-CHLOROPHENYL)((E)-[3-(1H-IMIDAZOL-1-YL)-1-PHENYLPROPYLIDENE] AMINO} OXY) METHANONE, C₁₈H₁₆CLN₃O₂*. Zeitschrift für Kristallographie-New Crystal Structures 229 (1); 45-46.
10. MI Attia, AA Radwan, AS Zakaria, **MS Almutairi**, SW Ghoneim (2013) *1-ARYL-3-(1H-IMIDAZOL-1-YL) PROPAN-1-OL ESTERS: SYNTHESIS, ANTI-CANDIDA POTENTIAL AND MOLECULAR MODELING STUDIES*. Chemistry Central Journal 7 (1); 168.
11. MI Attia, AS Zakaria, **MS Almutairi**, SW Ghoneim (2013) *IN VITRO ANTI-CANDIDA ACTIVITY OF CERTAIN NEW 3-(1H-IMIDAZOL-1-YL) PROPAN-1-ONE OXIME ESTERS*. Molecules 18 (10); 12208-12221.
12. Mohamed I Attia, Hazem A Ghabbour, Aida A El-Azzouny, Omar A Al-Deeb, **Maha S Almutairi**, Hoong-Kun Fun (2013) *SYNTHESIS AND SINGLE CRYSTAL X-RAY STRUCTURE OF NEW (2E)-2-[3-(1H-IMIDAZOL-1-YL)-1-PHENYLPROPYLIDENE]-N-PHENYLHYDRAZINE CARBOXAMIDE*. Journal of Chemistry 2013; 1.
13. Mohamed I Attia, Hazem A Ghabbour, **Maha S Almutairi**, Soraya W Ghoneim, Hatem A Abdel-Aziz, Hoong-Kun Fun (2013) *SYNTHESIS AND X-RAY CRYSTAL STRUCTURE OF (1E)-1-(4-CHLOROPHENYL)-N-HYDROXY-3-(1H-IMIDAZOL-1-YL) PROPAN-1-IMINE*. Journal of Chemistry 2013; 8.
14. OA Fathalla, ME Haiba, MM Anwar, **Maha S Almutairi**, AS Maghraby, MM Bahgat (2013) *INHIBITORY EFFECT OF SOME NEW URACIL AND THIOURACIL DERIVATIVES ON*

CERCARIAL PENETRATION ENZYMES. Research on Chemical Intermediates 39 (5); 2157-2185.

15. **Maha S Almutairi**, Ali A El-Emam, Nasser R El-Brollosy, Mohammed Said-Abdelbaky, Santiago Garcia-Granda (2012) *N'-(ADAMANTAN-2-YLIDENE) BENZOHYDRAZIDE*. Acta Crystallographica Section E: Structure Reports Online 68 (7); o2247-o2248.
16. HK Fun, CK Quah, MI Attia, **MS Almutairi**, SW Ghoneim (2012) *(E)-N-[3-(IMIDAZOL-1-YL)-1-PHENYLPROPYLIDENE] HYDROXYLAMINE*. Acta Crystallographica Section E: Structure Reports Online 68 (3); o627-o627.
17. **MS Almutairi**, MM Al-Shehri, AA El-Emam, SW Ng, ERT Tiekink (2012) *3-(ADAMANTAN-1-YL)-4-(PROP-2-EN-1-YL)-1H-1, 2, 4-TRIAZOLE-5 (4H)-THIONE*. Acta Crystallographica Section E: Structure Reports Online 68 (3); o656-o656.
18. **Maha S. Almutairi**, Ebtehal S. Al-Abdullah, Magedda E. Haiba (2012) *SYNTHESIS, MOLECULAR DOCKING AND PRELIMINARY IN-VITRO CYTOTOXIC EVALUATION OF SOME SUBSTITUTED TETRAHYDRO-NAPHTHALENE (2',3',4',6'-TETRA-O-ACETYL-B-D-GLUCO/-GALACTOPYRANOSYL) DERIVATIVES*. Molecules 17 (4); 4717-4732.
19. JH Hegazy, **MS Almutairi**, ES Al Abdullah (2011) *DESIGN AND SYNTHESIS OF ACRIDINE-4-CARBOXAMIDE AND ACRIDINE-4-CARBOXYLATE DERIVATIVES AS TYROSINE KINASE INHIBITORS*. Life Science Journal 8(3); 192-198.