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Professor of Pharmacology & Toxicology
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Marital Status: Married
Date of Birth: 1/7/1372 H (17/3/1953 AD)

Education:

Ph.D. In Pharmacology, School of Pharmacy, University of the Pacific, Stockton, CA, USA, 1988

Title of Dissertation: Polyamine and Acetylpolyamine Levels During Phenylhydrazine-Induced Erythropoiesis in Mouse Spleen.

MS in Pharmacology, School of Pharmacy, University of the Pacific, Stockton, CA, USA, 1981

Title of Thesis: Toxicology and Pharmacology of N¹-Acetyl-spermidine and N⁸-Acetylspermidine.

B.Pharm. College of Pharmacy, King Saud University, Riyadh, Saudi Arabia.,1976

FDA Diploma, In Drug Manufacturing Quality Control, June, 1994

Employment History:

1. Professor, Department of Pharmacology, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia.
12/11/1419 H (28/2/1999 AD)
2. Chairman, Department of Pharmacology, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia.
22/12/1418 H (20/4/1998 AD) to 20/11/1424 H (11/2/2004 AD)
3. Associate Professor, Department of Pharmacology, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia.
26/4/1414 H (12/10/1993 AD) to 12/11/1419 H (28/2/1999 AD)

4. Visiting Professor, Department of Physiology & Pharmacology, School of Pharmacy, University of the Pacific, Stockton, California, U.S.A. Summer 1996 AD
5. Scientific Consultant for Tabuk Pharmaceutical Manufacturing Co. 1415-1417 H (1994-1996 AD)
6. Assistant Professor, Department of Pharmacology, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia. 8/10/1409 to 26/4/1414 H (13/5/1989 to 12/10/1993 AD)
7. Visiting Professor, Department of Pharmacology, School of Medicine, University of Minnesota, USA. Summer 1990 AD
8. Teaching Assistant, Department of Pharmacology, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia. 1981-1984/1976-1977 AD
9. Teaching Assistant, Pharmacology Department, School of Pharmacy, University of the Pacific, Stockton, CA, USA. 1978-1981 /1985-1988 AD

EXPERIENCE:

A. Research Experience:

Involved in drug screening in both whole animal and isolated tissues. Experienced in animal surgery, isolation of the tissues, tissue homogenization and preparation of molecular fractions. Familiar with enzyme assays and kinetics.

Involved in operating High performance liquid chromatography, UV-visible spectrophotometers and liquid scintillation counter. Experienced in the synthesis, isolation and purification of acetylated polyamines. Familiar with Thin layer chromatography. Experienced in drug teratogenicity, different ulcer models and cancer research. Familiar with different aspects of tissues cultures and drug toxicity.

B. Teaching Experience:

Teaching pharmacology, toxicology and physiology for the undergraduate and graduate pharmacy students. Involved in designing, preparing, organizing and teaching continuing education programs for pharmacists. Teaching pharmacology for the undergraduate and the graduate Medical and dental students.

C. Pharmaceutical Industry Experience:

Involved in the inspection of the good manufacturing practice of the pharmaceutical companies. Familiar with the FDA and the International requirements for a good manufacturing practice. Familiar with the requirements for drug registration and the regulatory affairs in Saudi Arabia.

D. Administrative Experience:

1. Consultant at the Deanship of graduate studies and Rapporteur of the medical programs committee. King Saud University. 15/9/1427 H (8/10/2006 AD)
2. Member of Scientific Council for Pharmacy, Saudi Council for Health Specialties.

- 1/9/1426 H (4/10/2005 AD)
3. Distinguished Member of Advisory Board of Saudi Pharmaceutical Journal.
1/12/1423 H (2/2/2003 AD).
 4. Member of Committee for Examining Patents on Inventions Lawsuit. Minister Council , Riyadh, Kingdom of Saudi Arabia. 18/1/1423 H (1/4/2002 AD). To date
 5. Chairman of Health Science Group, King Abdulaziz City for Science and Technology, Riyadh, Saudi Arabia. 4/1/1423 H (18/3/2002 AD) to date.
 6. Member of the Administrative Council of Health Diploma Programs, College of Applied Studies and Community Service, King Saud University, Riyadh, Saudi Arabia. 26/7/1422 H (13/10/2001 AD) to date
 7. Member of the Committee for the preparation of Pharmacy Practice Residency Program. Saudi Council For Health Specialties, Riyadh.
7/6/1421 H (5/9/2000 AD) To 12/8/1422 H (28/10/2001)
 8. Member of the College Council, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia. 22/12/1418 H (20/4/1998 AD)to 22/12/1424H(13/2/2004AD)
 9. Member of Medical Science Group, King Abdulaziz City for Science and Technology , Riyadh, Saudi Arabia.
30/5/1417 H (11/10/1996 AD) to 4/1/1423 H (18/3/2002 AD)
 10. Member of Advisory Committee for pharmacy practice, Saudi Council for Health Specialties. 26/6/1416 H (21/10/1995 AD)
 11. Member of Editorial Advisers of MIDDLE EAST PHARMACY Journal
1995 AD (1415 H) to 1998 G (1418 H)
 12. Member of the Administrative Council of Research Centre, College of Pharmacy, King Saud University.
27/12/1413 H (7/6/1993 AD) to 22/12/1417 H (20/4/1998 AD)
13/6/1427 H (9/7/2006 AD) to date
 13. Member of the Board of Directors and Chairman of the Scientific Research and Continuing Education Committee at the Saudi Pharmaceutical Society.
28/8/1412 to 12/8/1416 H (2/3/1992 to 1/3/1996 AD)
 14. Coordinator of the continuing education programs of Saudi Pharmaceutical Society with the American Accreditation Council on Pharmaceutical Education.
28/8/1412 H (2/3/1992 AD) to date
 15. Member of the Drug Registration Advisory Committee, Ministry of Health, Kingdom of Saudi Arabia.

From 4/6/1412 H (10/12-1991 AD) to 20/1/1416 H (18/6/1995 AD)

From 13/2/1426 H (23/3/2005) to date

16. Member of the Scientific Research and Continuing Education Committee, Saudi Pharmaceutical Society. 29/10/1410 H (24/5/1990 AD) to date
17. Academic Advisor for the Pharmacy Students. 1410 to 1417 H (1990 to 1997 AD)
18. Supervisor of the Scientific and Educational Committee, College of Pharmacy, King Saud University for the year: 1410/1411 H (1989/1990 AD)
19. Member of the Administrative Council of Research Centre of Medicinal and Aromatic Plants. College of Pharmacy, King Saud University. 14/5/1410 H (12/12/1989 AD)

Academic Honor and Awards:

1. Grant from King Saud University for M.S. studies (1978-1981)
2. Rho Chi Pharmaceutical Honour Society, 1400 H (1980 AD)
3. Grant from King Saud University for Ph.D. studies (1984-1988)
4. Graduate Research Award, University of the Pacific, Stockton, CA, USA, 1408 H (1988 AD).
5. SIGMA XI, The Scientific Research Society, 1409 H (1989 AD)
6. Grant from Research Centre, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia to study "Effect of some antibiotics on peripheral blood lymphocytes" 1411 H (1991 AD) (Co-investigator)
7. Grant from Research Centre, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia to study "Protective effects of desferal against adriamycin toxicity" 1412 H (1992 AD) (Co-investigator).
8. Grant from Research Centre, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia (CPRC 48) to study "The effect of calcium channel blockers on the efficacy and toxicity of doxorubicin in experimental animals" 1413 H (1993 AD) (Principal Investigator).
9. New York Academy of Science, 1413 H (1992 AD)
10. Who's Who in the World, 12th ed. 1415 H (1995 AD)
11. Who's Who in Science and Engineering, 3rd ed. 1416 H (1996 AD)
12. The J. William Fulbright Award, Summer 1416 H (1996 AD)
13. Grant from King Abdulaziz City for Science and Technology, Riyadh, Saudi Arabia to cover the research project No:LG 1-14" Synthesis and Anticonvulsant Activity of some 1-Substituted-2-Oxypyridine Derivatives". 1417 H (1996 AD), (Co-investigator)
14. Who's Who in Medicine and Healthcare, 2nd ed. (1999-2000)

15. Appreciation Certificate from King Saud University for the contribution in the University activities of the hundred universal celebration of the establishment of Saudi Arabia 7-18/7/1420 H (16-27/10/1999 AD)
16. Grant from King Abdulaziz City for Science and Technology, Riyadh, Saudi Arabia to cover the research project No: AR-19-044 "Synthesis and investigation of novel Shelf-stable Brain-Specific MAO inhibitors". 1/71421 H (28/9/2000 AD), (Co-investigator)
17. Grant from Research Centre, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia (CPRC 85) to study "Functional and Biochemical characterization of the pharmacological profile of Diadenosine Polyphosphate on non-vascular smooth muscles in comparison with ATP" 14/2/1422 H (8/5/2001 AD) (Principal Investigator).
18. Grant from King Abdulaziz City for Science and Technology, Riyadh, Saudi Arabia to cover the research project No: LGP-6-28" Contribution of Nitric oxide bioavailability to the beneficial cardiovascular protective profile of Angiotensin II". 25/4/1422 H (16/7/2001 AD), (Co-investigator)
19. Grant from Research Centre, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia (CPRC 97) to study "Simultaneous assessment of histamine and polyamines in gastric tissue extracts by using HPLC post-column derivatization technique: a marker on the gastric ulcer disease status" 21/11/1422 H (4/2/2002 AD) (Principal Investigator).
20. Grant from King Abdulaziz City for Science and Technology, Riyadh, Saudi Arabia to cover the research project No: AR-21-41" Studies on the toxicological, genotoxic, biochemical, endocrinological, pathological and reproductive toxicity evaluation of herbal drugs marked and used in the kingdom of Saudi Arabia. 4/4/1424 H (4/6/2003 AD), (Co-investigator)
21. Grant from Research Centre, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia (CPRC 154) to study "Evaluation of cisplatin-induced cardiac and renal dysfunction in carnitine-depleted rat model" 27/12/1425 H (7/2/2005 AD) (Co- Investigator).
22. Grant from Research Centre, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia (CPRC 155) to study "Preventive role of carnitine against Diethylnitrosamine-induced hepatocarcinogenesis in normal and carnitine-depleted rat models" 27/12/1425 H (7/2/2005 AD) .
23. Certificate of distinguish research for the grant No: AR-19-044 "Synthesis and investigation of novel Shelf-stable Brain-Specific MAO inhibitors" from King Abdulaziz City for Science and Technology, Riyadh, Saudi Arabia
6/61426 H (12/7/2005 AD)
24. Grant from Research Centre, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia (CPRC 171) to study "Evaluation of gentamicin-induced hepatorenal dysfunction in carnitine depleted rat by D-carnitine and gamma-butyrobetaine hydroxylase inhibitor" 12/4/1427 H (10/5/2006 AD) (Co-Investigator).

Academic Supervision

1. Co-supervisor of M.Sc. Thesis in Pharmacology "Re-evaluation of some drugs used in treatment of peptic ulcers by thermocautery in rats." For Mr. Fowzi Aldeagy, Started on 1410 H (1990 AD). Student was withdrawn on 23/6/1412 H (19/12/1991 AD).
2. Co-supervisor of M.Sc. Thesis in Pharmacology "The effect of endotoxin stress on amino acid patterns and energy metabolism in experimental diabetes mellitus modulatory role of antioxidants." For Mr. Yahy H.Z.Moustafa, Started on 1411 H (1991 AD), completed on 1413 H (1993 AD).
3. Co-supervisor of M.Sc. Thesis in Pharmacology "Some toxicological studies on the effects of dopaminergic agonists and antagonists in morphine dependent rodents." For Mr. Saleh A. Bakheet, Started on 1412 H (1992 AD), completed on 1415 H (1995 AD).
4. Co-supervisor of M.Sc. Thesis in Toxicology "Possible protective effect of some antioxidants on doxorubicin-induced cardiotoxicity in mice." For Mr. Khalid S. Al-Khanbashi, Started on 14/2/1420 H (29/5/1999 AD), Completed on 12/4/1423 H (23/6/2002 AD).
5. Co-supervisor of M.Sc. Thesis in Toxicology "Inteactions of Valporic acid and Vigabatrin with the GABA ergic system in morpicne dependent mice." For Mr.Abdulrahman M. Al-Matrodi, Started on 12/11/1422 H (26/1/2002 AD), Completed on 25/8/1424 H (21/10/2003 AD)
6. Co-supervisor of M.Sc. Thesis in Pharmacology "Investigation of potential anxiolytic effect of new chemical structural analogues of buspirone in mice." For Mr. Yahea A. Al-Sweeh. Started on 10/3/1424 H (11/5/2003 AD) Completed on 8/10/1425 H (21/11/2004 AD)

Examining of Graduate Study Thesis's

1. Member of the Exam committee of the thesis of Mr. Mohamed Al-ajemee "Pharmacological and Biochemical studies on the black seed (Nagella sativa) de-thymoquinoted volatile oil and some of its components in rodents" College of graduate studies, King Saud University, 4/2/1420H (19/5/1999 AD)
2. Member of the Exam committee of the thesis of Mrs. Huda M. Al-Kreathy "The effects of Itraconazole and Terbinafine on the lipid Profile in human and rabbits" College of graduate studies, King Saud University, 25/10/1421 H (20/1/2001 AD)
3. Member of the Exam committee of the thesis of Mrs. Huda Salem Alsalem "Design, synthesis and investigation of brain delivery model for anticancer compounds" College of graduate studies, King Saud University, 16/3/1423 H (28/5/2002 AD)
4. Member of the Exam committee of the thesis of Mr. Moshrif A Alamry "Study on the mechanism of allyl alcohol hepatotoxicity in Mice" Deanship of graduate studies, King Saud University, 21/2/1424H (23/4/2003 AD)
5. Member of the Exam committee of the thesis of Mr. Mohamed Nasser Alharessan "Purinergic modulation of contractile activity in isolated rat urinary bladder:role of nitric oxide, urothelium and superoxide anion" Deanship of graduate studies, King Saud University, 27/11/1424 H (19/1/2004 AD)
6. Member of the Exam committee of the thesis of Mrs. Aliah R. Alshanowanee.

“Effects of sodium of calcium channels blockers on cardiovascular and respiratory actions of the venom from the yellow scorpion *leirus quinquestriatus* in animals”
Deanship of graduate studies, King Saud University, 19/1/1426 H (28/2/2005 AD)

7. Member of the Exam committee of the thesis of Mr. Fadal A. Alomar
“The possible protective effects of curcumin against hippocampal comu ammonis damage after transient global cerebral ischemic in rats”
Deanship of graduate studies, King Saud University, 22/4/1426 H (30/5/2005 AD)
8. Member of the Exam committee of the thesis of Mr. Abdullah S. Al-Shehry
“Studies on the therapeutic potential of amoxicillin on acetic acid induced colitis in rats”
Deanship of graduate studies, King Saud University, 30/12/1426 H (30/1/2006 AD)
9. Member of the Exam committee of the thesis of Mr. Ibrahim Abduh Khardali
“Effect of resveratorol on thyroid function in normal and hyperthyroid rats: A mechanistic study”
Deanship of graduate studies, King Saud University, 14/2/1428 H (4/3/2007 AD)

Publications (Papers in Refereed Scientific Journals):

1. **Al-Shabanah, O.** and Blankenship, J.
Toxicology of N¹-Acetylspermidine and N⁸-Acetylspermidine in Mice.
Proc. West. Pharmacol. Soc. 29: 141-144 (1986).
2. Pame Marchant, Sasi Dredar, Victor Manneh, **Othman Al-Shabanah**, Harry Matthews, David Fries, and Jim Blankenship.
A selective inhibitor of N⁸-Acetylspermidine deacetylation in mice and Hela cells without effects on histone deacetylation.
Archieves of Biochemistry and Biophysics 273(1): 128-136, 1989.
3. **Othman Al-Shabanah**, M.M. Al-Harbi, Najji Mohammad A. Al-Gharably, and Mohammnad W. Islam.
The Effect of maternal administration of Captopril on fetal development in rat.
Research Communication in Chemical Pathology and Pharmacology 73(2): 22-229 (1991).
4. H.A. Al-Sawaf, M.M. Al-Harbi, **O.A. Al-Shabanah**, N. Al-Gharably, and M.W. Islam.
Effects of some antibiotics and immunosuppressive drug on peripheral blood lymphocyte superoxide dismutase activity.
Medical Science Research 20: 125-126 (1992).
5. M.M. Al-Harbi, Najji M. Al-Gharably, **Othman A. Al-Shabanah**, Abdullah M. Al-Bekairi, Abdel-Moneim Osman, and Hassan N. Tawfik.
Prevention of doxorubicin-induced myocardial and haematological toxicities in rats by iron-chelator desferrioxamine.
Cancer Chemotherapy and Pharmacology 31: 200-204 (1992).
6. M.M. Al-Harbi, **Othman A. Al-Shabanah** , Najji M. Al-Gharably and M. W. Islam.

The effect of maternal administration of Enalapril, an angiotensin converting enzyme inhibitor on fetal development in rat.
Research Communication in Chemical Pathology and Pharmacology 77(3): 347-358 (1992).

7. **O.A. Al-Shabanah**, N.A. Al-Gharably, M.W. Islam, M.M. Al-Harbi, Effect of Cathinone, an active constituent of khat (*Catha edulis* Forsk.) and amphetamine on experimental ulcer and gastric secretion.
Medical Science Research 20: 817-819 (1992).
8. **Othman A. Al-Shabanah**.
Inhibition of Adriamycin induced micronuclei by Desferrioxamine in Swiss albino Mice.
Mutation Research 301: 107-111 (1993).
9. Abdel-Moneim M. Osman, **Othman A. Al-Shabanah**, Mohamed M. Al-Harbi, Naji M. Al-Gharably, Abdullah M. Al-Bekairi, Hassan N. Tawfik and Saif A. Aziz.
Effect of desferrioxamine on doxorubicin-induced cardio- and haemato- toxicity in normal mice.
Medical Science Research 21: 193-194 (1993).
10. Abdullah M. Al-Bekairi, Abdel-Moneim M. Osman, Mohamed A. Hafeez, Naji M. Al-Gharably, **Othman A. Al-Shabanah**, and Mohammed M. Al-Harbi.
Effect of desferrioxamine (DFO) on the hepatotoxicity of adriamycin in normal mice.
Drug Development Research 29: 56-62 (1993).
11. N.M. Al-Gharably, A.M. Osman, **O.A. Al-Shabanah**, A.M. Al-Bekairi and M.M. Al-Harbi. Potentiation of doxorubicin cytotoxicity by the calcium channel blocker verapamil in Ehrlich ascites cells.
Journal of Chemotherapy 39: 410-415 (1993) ==
12. **Othman A. Al-Shabanah**, M.W. Islam, N.M. Al-Gharably and M.M. Al-Harbi.
Effect of Khatamine and their enantiomers on aspirin, indomethacin, phenylbutazone and reserpine induced gastric ulcers in rats.
Research Communications in Substances of Abuse 14(1): 81-94 (1993).
13. **O.A. Al-Shabanah**, A.M. Osman, M.M. Al-Harbi, N.M. Al-Gharably, and A.M. Al-Bekairi.
Enhancement of doxorubicin-induced cytotoxicity by hyperthermia in Ehrlich ascites cells.
Chemotherapy 40: 188-194 (1994).
14. **Othman A. Al-Shabanah**, N.M. Al-Gharably, M.W. Islam & M.M. Al-Harbi.
Gastric antiulcer and cytoprotective effects of Cathinone, A psychoactive alkaloid of khat (*Catha Edulis* Forsk.) and amphetamine in rats.
Regulatory Peptides (Supplement 1) S297-S299 (21 February, 1994).
15. M.W. Islam, **O.A. Al-Shabanah**, M.M. Al-Harbi, N.M. Al-Gharably.
Evaluation of Teratogenic Potential of Khat (*Catha Edulis* Forsk.) in rats.
Drug and Chemical Toxicology 17(1): 51-68 (1994).

16. A.M. Osman, **O.A. Al-Shabanah**, M.M. Al-Harbi, A.M. Al-Bekairi, N.M. Al-Gharably and M.A. Soliman.
Protective effect of desferrioxamine against adriamycin-induced lethality and nephrotoxicity in mice.
Journal of biomedical sciences and therapeutics 10(70): 97-112 (1994).
17. Y.H. Mostafa, **O.A. Al-Shabanah**, M.T. Hassan, A.A. Khairaldin and H.A. Al-Sawaf.
Modulatory effects of N-acetylcysteine and alpha tocopherol on brain glutathione and lipid peroxides in experimental diabetic and endotoxin stressed rats.
Saudi Pharmaceutical Journal 2(2): 64-69 (1994).
18. M.Waseemul Islam and **Othman A. Al-Shabanah**.
Contraceptive Effect of Castor Beans
Letter to the Editor, *Saudi Pharmaceutical Journal* 2(4): 201 (1994).
19. **O.A. Al-Shabanah**, O.T. Ginawi and S.A. Al-Bakheet.
Effect of morphine dependence on spontaneous and drug-induced locomotor activity in mice.
Regulatory Peptides (Supplement I) 54(1) 354, (November, 1994).
20. M.M. Al-Harbi, M.W. Islam, **O.A. Al-Shabanah** and N.M. Al-Gharably.
Effect of acute administration of fish oil (Omega-3 Marine Triglyceride) on gastric ulceration and secretion induced by various ulcerogenic and necrotizing agents in rats.
Food and Chemical Toxicology 33(7): 553-558 (Feb 1995).
21. Mohammed M. Al-Harbi, Abdel Moneim M. Osman, Najji M. Al-Gharably, Abdullah M. Al-Bekairi, **Othman A. al-Shabanah**, Dorrya M. Sabah and M. Raza.
Effect of Desferrioxamine on Cisplatin-induced Nephrotoxicity in Normal rats.
Chemotherapy 41: 448-454 (1995).
22. **Othman A. Al-Shabanah**, Abdel-Moneim M. Osman, Mohammed M. Al-Harbi, Abdullah M. Al-Bekairi, Najji. M. Al-Gharably and Saif A. Aziz.
Diltiazem potentiation of doxorubicin cytotoxicity and cellular uptake in Ehrlich Ascites carcinoma cells.
Chemotherapy 41: 368-377 (1995).
23. **Othman A. Al-Shabanah**, Abdel-Moneim M. Osman, Mohamed M. Al-Harbi, Najji M. Al-Gharably, Abdullah M. Al-Bekairi and Mehmoud M. El-Merzabani.
Effect of hyperthermia on the action of methotrexate against the growth of Ehrlich ascites carcinoma cells.
Medical Science Research 24(4): 275-277 (1996).
24. A.M.M. Osman, S.T. Al-Sedairy, I.M. Moran Verbeek, **O.A. Al-Shabanah**, M.M. Al-Harbi, N.M. Al-Gharably and A.M. Al-Bekairi.
Verapamil enhancement of the antitumor effect of cis-diamminedichloro-platinum (II) in mice bearing Ehrlich ascites carcinoma cells.
Medical Science Research 24(6): 429-431 (1996).
25. **O.A. Al-Shabanah**, Y.H. Mostafa, M.T. Hassan, A.A. Khairaldin and H.A. Al-Sawaf.
Vitamin E protects against bacterial endotoxin-induced increase of plasma corticosterone and brain glutamate in the rat.

Research Communications in Molecular Pathology and Pharmacology 92: (1) 95-105 (1996).

26. N.M. Al-Gharably, M.W. Islam, M.M. Al-Harbi and **O.A. Al-Shabanah**.
Cathionone [(R)(+)-Alpha-Aminopropiophenone]: A potent anti-gastric ulcer agent.
Research Communication in Alcohol and Substances of Abuse 17(3&4):165-184 (1996).
27. O.T. Ginawi, **O.A. Al-Shabanah** and A.I. Bakheet.
Increased Toxicity of Methamphetamine in Morphine-dependent Mice.
Gen. Pharmacology 28(5): 727-731 (1997).
28. M.M. Al-Harbi, H.A. Al-Sawaf, **O.A. Al-Shabanah**, N.M. Al-Gharably, and M.W. Islam.
Gentamycin and Cyclosporine increase total soluble thiols in the plasma and lymphocytes of rats and perturb erythrocyte fragility.
Medical Science Research 25:155-157 (March, 1997).
29. **O.A. Al-Shabanah**.
Effect of evening primrose oil on Gastric ulceration and secretion induced by various ulcerogenic and necrotizing agents in rats.
Food and Chemical Toxicology 35: 769-775 (1977).
30. **Othman A. Al-Shabanah**.
The influence of selenium on adriamycin-induced cytological and biochemical changes in Swiss albino mice.
Pharmacology Reviews and Communications 9: 229-236 (1997).
31. **Othman A. Al-Shabanah**.
Influence of captopril on spermatogenic dysfunction, spermatocyte chromosomes and dominant lethality in Swiss albino mice.
Research Communications in Pharmacology & Toxicology 2(1&2):69-84 (1997).
32. Naji M. Al-Gharably, Osama A. Badary, Mahmud N. Nagi, **Othman A. Al-Shabanah**, Hussain A. Al-Sawaf, Ammar C. Al-Rikabi and Abdullah M. Al-Bekairi.
Protective effect of thymoquinone against carbon tetrachloride-induced hepatotoxicity in mice.
Research Communication in Pharmacology & Toxicology 2(1&2): 41-50 (1997).
33. Osama A. Badary, Mahmud N. Nagi, **Othman A. Al-Shabanah**, Hussain A. Al-Sawaf, Mohammed O. Al-Sohaibani and Abdullah M. Al-Bekairi.
Thymoquinone ameliorates the nephrotoxicity induced by cisplatin in rodents and potentiates its antitumor activity.
Canadian Journal of Physiology & Pharmacology 75(12): 1356-1361 (1997).
34. **O.A. Al-Shabanah**, M.A. Mansour, M.N. Nagi, H.A. Al-Sawaf & A.M. Al-Bekairi.
Does Captopril scavenge superoxide radical.
Medical Science Research 25(12): 841-843 (1997).
35. A.M. Al-Obaid, H.I. El-Subbagh, **O.A. Al-Shabanah** and M.A. Mahran.

Synthesis and biological evaluation of new cyclopentenob[b] thiophene derivatives as local anesthetic and antiarrhythmic agents.
DiePharmazie 53: 24-28 (1998).

36. **Othman A. Al-Shabanah**, Osama A. Badary, Mahmoud N. Nagi, Nagi M. Al-Gharably, Ammar C. Al-Rikabi and Abdullah M. Al-Bekairi.
Thymoquinone protect against doxorubicin-Induced cardiotoxicity without compromising its antitumor activity.
Journal of Experimental & Clinical Cancer Research 17(2): 193-198 (1998).
37. **O.A. Al-Shabanah**, O.T. Ginawi and A.I. Bakheet.
Some effects of sulphiride in morphine dependent mice.
Medical Science Research 26(2): 107-109 (1998).
38. H.A.El-kashef, M.A.Mansour, M.N. Nagi, **Othman A. Al-Shabanah**, H.A. Al-Sawaf and A.M. Al-Bekairi.
Effects of calcium ionophore-stimulated white blood cells and platelets on isolated rabbit pulmonary artery.
Medical Science Research 26:167-171(1998).
39. **Othman A. Al-Shabanah**
Effect of Magnesium sulphate on adriamycin- induced clastogenic and biochemical changes in Swiss albino mice.
Chemotherapy 44:272-283(1998). ===
40. H.A.El-kashef, O. Badary, M.M. El- Mazar, **Othman A. Al-Shabanah**, and A.M. Al-Bekairi.
Effects of Ehrlich Ascites Carcinoma Cells on the response on non- pregnant and pregnant uterine smooth muscles of mice to oxytocin and Acetylcholine.
Journal of Experimental and Clinical Cancer Research 17(3):1-4(1998).
41. **Othman Al-Shabanah**, Mahmoud Mansour, Hassan El-Kashef and Abdullah Al-Bekairi.
Captopril Ameliorates myocardial and hematological toxicities induced by adriamycin.
Biochem. Mol. Biol. Intl. 45(2) 419-427 (1998).
42. Osama A. Badary, **Othman A. Al-Shabanah**, Mahmoud N. Nagi, Abdullah .M. Al-Bekairi, and Mohamed M. El- Mazar.
Acute and Subchronic toxicity of thymoquinone in mice.
Drug Development Research 44:56-61(1998).
43. **Othman A. Al-Shabanah**, Osama A. Badary, Nagi M. Al-Gharably, and Hussein A. Al-Sawaf.
Effects of L-Histidinol on the Antitumor Activity and Acute Cardiotoxicity of Doxorubicin in Mice.
Pharmacological Research 38(3): 225-230 (1998)
44. Badary OA, **Al-Shabanah OA**, Al-Gharably NM, ElMazar MM.
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European societies of toxicology. Eurotox 2005 Cracow, Poland September 11th-14th 2005.

23. **Othman A. Al-Shabanah**, Abdulhakeem A. Al-Majed, Abdulaziz A. Al-Yahya, Abdulaziz M. Aleisa , Salem Al-Regay and Mohamed M. Sayed-Ahmed.
Propionyl-L-carnitine prevents The Progression of Cisplatin-Induced Cardiomyopathy in a Carnitine-Depleted Rat Model.
Experimental Biology 2006, San Francisco, CA , April 1-5
The FASEB Journal 20 (4): A 234 (2006), Abstract NO: 164.23 (NA)
24. **Al-Shabanah Othman**, Al-majed A, Al-Yahya A, Aleisa A. Al-Regay S, Sayed-Ahmed M
Propionyl- L- carnitine prevent the progression of cisplatin- induced cardiomyopathy in Carnitine –depleted rat model.
XV th Word Congress of Pharmacology, Beijing, China, July 2-7, 2006
Acta Phamacologica Sinica, Supplement 1: 1-489 (July 2006)
25. A.M.Aleisa, M. Sayed-Ahmed, F.Al-Omar, A. Al-Yahya, **O. Al-Shabanah**, S. Al-Rejaie, A. Al-Majed.
Carnitine esters prevents oxidative stress damage and energy depletion following transient forebrain ischemia in rat hippocampus.
Neuroscience 2006, Atlanta, Georgia, USA. October 15, 2006

SOCIETIES' MEMBERSHIPS:

Active member in the following scientific societies:

1. American Pharmaceutical Association (since 1985)
2. Kappa Psi Pharmaceutical Fraternity (since 1986)
3. American Association of Pharmaceutical Scientists (since 1986)
4. American Association of Colleges of Pharmacy (since 1988)
5. Saudi Pharmaceutical Society (since 1989)
6. American Society for Pharmacology & Experimental Therapeutics. (since 1993)

COMMITTEES' MEMBERSHIPS:

1. Graduate Students representative, graduate program committee, University of the Pacific, Stockton CA, USA. (1987-1988)
2. Member of the Committee for Evaluation of the Unified Program for General Health Science. Dept. of Pharmacology, College of Pharmacy, King Saud University. 19/3/1410H (19/10/1989)
3. Member of the Committee for Development and Improvement of Educational Programs, College of Pharmacy, King Saud University. 11/5/1410 H (9/12/1989 AD)
4. Member of the Committee for Evaluation of M.Sc. Program in Pharmacology and Toxicology, Dept. of Pharmacology, College of Pharmacy, King Saud University 14/5/1410 H (12/12/1989 AD)
5. Member of the Committee for Preparing Academic Program and Pharmaceutical Courses for Junior College (MOH). 27/5/1410H (25/12/1989 AD)

6. Member of the Committee for the Evaluation of the Research Project Sponsored by the Ministry of Higher Education. Dept. of Pharmacology, College of Pharmacy, King Saud University. 25/7/1410 H (20/2/1990 AD)
7. Member of Organizing Committee of the Fifth Drug Symposium, College of Pharmacy, King Saud University. 28/10/1410 H (23/5/1990 AD)
8. Member of the Committee for Evaluation of Graduate Courses, Dept. of Pharmacology, College of Pharmacy, King Saud University. 18/4/1411 H (6/11/1990 AD)
9. Member of the Committee for the Design of Details of Courses Content of Pharmacology Courses. Dept. of Pharmacology, College of Pharmacy, King Saud University. 18/4/1411 H (6/11/1990 AD)
10. Member of the Committee for Evaluation of the Content of Zoology Course (106 Zoo). Dept. of Pharmacology, College of Pharmacy, King Saud University. 18/5/1411 H (5/12/1990 AD)
11. Member of the Committee for Proposal of Ph.D. Program in Pharmacology. Dept. of Pharmacology, College of Pharmacy, King Saud University. 18/5/1411 H (5/12/1990 AD)
12. Member of the Committee for Solving Course Group Overcrowding. Dept. of Pharmacology, College of Pharmacy, King Saud University. 23/3/1412 H (1/10/1991 AD)
13. Member of the Committee for Designing Time-table for Departmental Courses. Dept. of Pharmacology, College of Pharmacy, King Saud University. 6/4/1412 H (14/10/1991 AD)
14. Member of the Committee for Ideal Method for the Safety and Security of the University Personal. Dept. of Pharmacology, College of Pharmacy, King Saud University. 5/5/1412 H (11/11/1991 AD)
15. Member of the Committee for Preparing the Ideal Method for Disposal of Radioactive Materials. Dept. of Pharmacology, College of Pharmacy, King Saud University. 12/5/1412 H (18/11/1991 AD)
16. Member of the Interviewing Committee for Students Applying for Admission to the College of Pharmacy, King Saud University. 1411/1412H(1991/1992)
17. Member of the Educational Programs and Graduate Study Committee. Department of Pharmacology, College of Pharmacy, King Saud University. 1412/1413 H(1991/1992 AD)
18. Chairman of the Committee Assigned for their Arrangement of Election of the Board of Saudi Pharmaceutical Society, Third Session. 10/8/1412 H (13/2/1992 AD)

19. Member of the Committee for the Proposal of Regulation for Research Centres in the University. Dept. of Pharmacology, College of Pharmacy, King Saud University. 1412 H (1992 AD)
20. Member of the Committee for Redistribution of Course Contents of M.Sc. Program in Toxicology. Dept. of Pharmacology, College of Pharmacy, King Saud University. 22/10/1412 H (20/4/1992 AD)
21. Member of the Graduate Study committee. Dept. of Pharmacology, College of Pharmacy, King Saud University. 22/3/1413 H (19/9/1992 AD)
22. Member of the Scientific and Research Activities Committee. Department of Pharmacology, College of Pharmacy, King Saud University. 22/3/1413 H (19/9/1992 AD)
23. Member of the Committee for Studying and Redistribution of Course Content for M.Sc. Program According to New Semester Regulation. Dept. of Pharmacology, College of Pharmacy, King Saud University. 24/4/1413 H (21/10/1992 AD)
24. Rapporteur of the Committee for Pharmacology Course Description (in Arabic and English) for the University Book. Dept. of Pharmacology, College of Pharmacy, KSU. 19/6/1413 H (12/12/1992 AD).
25. Rapporteur of the Committee for Preparing Information in Arabic and English for the University Book. Dept. of Pharmacology, College of Pharmacy, King Saud University. 26/7/1413 H (19/1/1993 AD).
26. Member of the Committee for Evaluation of the Text-book "Medical Terminology Latin and Greek Origin". Dept. of Pharmacology, College of Pharmacy, King Saud University. 26/7/1413 H (19/1/1993 AD).
27. Member of the Committee for Evaluation of Graduate Study Regulations. Dept. of Pharmacology, College of Pharmacy, King Saud University. 30/12/1413 H (29/9/1993 AD)
28. Rapporteur of the Committee for Evaluation of the University Research Centres Catalogues. Dept. of Pharmacology, College of Pharmacy, King Saud University. 13/4/1414 H (29/9/1993 AD)
29. Member of the Committee for Deciding Levels for Graduate Students. Dept. of Pharmacology, College of Pharmacy, King Saud University. 8/5/1414 H (23/10/1993 AD)
30. Member of the Committee for Deciding the Graduate Courses for the Second Semester 1414. Dept. of Pharmacology, College of Pharmacy, King Saud University. 9/5/1414 H (24/10/1993 AD)
31. Member of the Committee for Responding to the Letter of the Dean of Graduate Studies in Relation to Rearrangement of the Graduate Courses following the Complete Day System. Dept. of Pharmacology, College of Pharmacy, King Saud University. 24/6/1414 H (7/12/1993 AD)

32. Member of the Committee for Regulation of Final Exam of the First Semester 1414/1415. Dept. of Pharmacology, College of Pharmacy, King Saud University.
12/7/1414 (25/12/1993 AD)
33. Member of the Interviewing Committee for Students Applying for Admission to the College of Pharmacy, King Saud University. 13/3/1415 H (20/8/1994 AD)
34. Member of the Committee for Proposing for Ph.D. Program in Pharmacology. Dept. of Pharmacology, College of Pharmacy, King Saud University.
10/6/1415 H (13/11/1994 AD)
35. Member of the Committee for Evaluation of the Master Programs in the Department of Pharmacology, KSU. 10/6/1415 H (13/11/1994 AD)
36. Member of the Committee for Evaluation of Physiology courses in the Dept. of Pharmacology, College of Pharmacy, King Saud University.
7/8/1415 H (8/1/1995 AD)
37. Member of Committee for Updating Referees List. Dept. of Pharmacology, College of Pharmacy, King Saud University. 18/11/1415 H (8/4/1995 AD)
38. Member of Committee for Evaluation of Master Degree Research Project submitted by Graduate student Iman Al-Mukhallalati. Dept. of Pharmacology, College of Pharmacy, King Saud University. 11/1/1416 H (19/6/1995 AD)
39. Member of the Committee for Regulation of Final Exam for First Semester 1416/1417. Dept. of Pharmacology, College of Pharmacy, King Saud University.
4/8/1416 H (26/12/1995 AD)
40. Member of the Committee for Evaluation of Master Degree Research Project submitted by Hanan Al-Yousif. Dept. of Pharmacology, College of Pharmacy, King Saud University. 29/11/1416 H (17/4/1996 AD)
41. Member of the Committee for Reviewing the Syllabus of the Courses in the Department of Pharmacology, College of Pharmacy, King Saud University.
29/11/1416 (17/4/1996 AD)
42. Member of the Committee for Preparing the Annual Report of the College of Pharmacy, King Saud University. 2/6/1417 (14/10/1996 AD)
43. Member of the Committee for Evaluation of the Pharmacists, General Directorate and Health Affairs in Riyadh Area. Ministry of Health, Riyadh, Saudi Arabia.
13/1/1418 H (19/5/1997 AD)
44. Member of the Committee of Profession Affairs. College of Pharmacy, King Saud University. 11/2/1418 H (16/6/1997)
45. Department Representative in Students Advisory Committee, Department of Pharmacology, College of Pharmacy, King Saud University.
16/2/1418 H (21/6/1997 AD)

46. Member of the Committee for Preparing the Annual Report of the College of Pharmacy, King Saud University. 2/5/1418 H (3/9/1997).
47. Member of the Committee for Welfare of demonstrators and distinguished students, College of Pharmacy, King Saud University. 2/5/1418 H (3/9/1997 AD) to date
48. Member of the Committee for Preparing Proposal in the Objectives of the Board of Pharmacy in Saudi Arabia. Saudi Pharmaceutical Society, Riyadh, Saudi Arabia. 10/6/1418 H (12/10/1997 AD)
49. Rapporteur of the Committee for Preparing Exams for the Evaluation of Pharmacists in the Kingdom of Saudi Arabia, College of Pharmacy, King Saud University. 10/6/1418 H (11/10/1997 AD)
50. Member of the Permanent Committee for the University Week. King Saud University. 26/6/1418 H (27/10/1997 AD)
51. Member of the Committee for Testing and Interviewing the Pharmacists and Pharmacy Technician Applying for a Position in King Saud University. College of Pharmacy, King Saud University. 27/6/1418 H (28/10/1997 AD)
52. Member of the Organizing Committee for The 5th International Saudi Pharmacy Conference. Saudi Pharmaceutical Society, Riyadh, Saudi Arabia. 29/6/1418 H (30/10/1997 AD)
53. Member of the Committee for Preparing the Scientific Program for The 5th International Saudi Pharmacy Conference, Saudi Pharmaceutical Society, Riyadh, Saudi Arabia. 4/7/1418 H (4/11/1997)
54. Member of the Assigned Committee for Looking for the Situation of the Drug and Poisoning Centres in the University, College of Pharmacy, King Saud University. 2/8/1418 H (2/12/1997 AD)
55. Member of the Appointed Committee for Supervision of Preparation of Informations and Suggestions regarding the Seventh 5th Plan. (1420-1425 H). College of Pharmacy, King Saud University 2/11/1418 H (28/2/1998 AD)
56. Member of the Appointed Committee Responsible for Preparation of the National Far-reaching Complete Plan for Science and Technology. King Saud University 11/11/1418 H (9/3/1998 AD)
57. Member of the Committee Responsible for Preparation of the Internal Regulations Governing Post-graduate and Higher Studies in King Saud University. Department of Pharmacology, King Saud Univ. 12/11/1418 H (10/3/1998)
58. Member of the Sub-Committee of “The University Week”. College of Pharmacy, King Saud University 30/11/1418 H (28/3/1998 AD)
59. Member of the Preparatory Committee of the Kingdom’s Centenary Establishment Festival Celebrations. College of Pharmacy, King Saud University 21/12/1418 H (18/4/1998 AD)

60. Member of the Second Semester Final Examinations' Steering Committee for the Academic Year 1418/1419.
College of Pharmacy, King Saud University 17/1/1419 H (13/5/1998 AD)
61. Member of the Outstanding Students' and Demonstrators' Supervision and Care-taking Committee. College of Pharmacy, King Saud University.
22/6/1419 H (12/10/1998 AD) to 25/7/1424 H (22/9/2003)
62. Member of the First Semester Final Examinations' Steering Committee for the Academic Year 1419/1420.
College of Pharmacy, King Saud University 29/7/1419 H (18/11/1998)
63. Member of Committee for Evaluation of Master Degree Research Project submitted by Graduate student Sohaa Al-Wanees. Dept. of Pharmacology, College of Pharmacy, King Saud University. 4/2/1420 H (19/5/1999 AD)
64. Member of Committee for illegal student behaves. College of Pharmacy,
King Saud University. 15/2/1420 H (30/5/1999 AD)
65. Member of Scientific committee for the International Pharmaceutical Care Conference, King Fahad National Guard Hospital. 1/3/1420 H (14/6/1999 AD)
66. College of Pharmacy representative in brain storm session, Prince Abdullah Institute for research and consultant studies, King Saud University,
14/11/1420 H (20/2/2000 AD)
67. Member of the team work of the health science, king saud university,
22/12/1420 H (18/3/2000)
68. Member of Scientific Research Chapter, Saudi Pharmaceutical Society
3/1/1421 H (8/4/2000 AD)
69. Rapporteur of the Committee for the University Week, College of Pharmacy, King Saud University. 19/3/1421 H (21/6/2000 AD)
70. Member of the Committee for the unified exam for acceptance in Health Colleges. King Saud University. 23/3/1421 H (25/6/2000 AD)
71. Member of Organizing Committee for the workshop " Research Design for Pharmacist" Saudi Pharmaceutical Society. 21/6/1421 H (19/9/2000 AD)
72. Member of committee for studying the possibility of one year residency for pharmacy students. College of Pharmacy, King Saud University.
10/8/1421 H (4/11/2000 AD)
73. Member of committee for studying the suggestion of creation of courses for the comprehensive exam and the research design in the Ph.D. Program of the King Saud University. College of Pharmacy, King Saud University.
9/9/1421 H (5/12/2000 AD)
74. Rapporteur of the Committee to evaluate the project of establishing

Scientific Centre in the City of Riyadh. College of Pharmacy,
King Saud University. 15/9/1421 H (11/12/2000 AD)

75. Member of the Scientific Committee for The 6th International Saudi Pharmacy Conference. Saudi Pharmaceutical Society, Riyadh, Saudi Arabia.
5/11/1421 H (30/1/2001 AD)
76. Member of the Research Ethics Committee of the College of Pharmacy.
College of Pharmacy, King Saud University 7/2/1422 H (1/5/2001 AD)
77. Rapporteur of the Committee for interviewing students applying for graduate study in the department of pharmacology. College of Pharmacy,
King Saud University. 11/3/1422 H (3/6/2001 AD)
78. Member of Committee of Training Program for Distinguished Students.
College of Pharmacy, King Saud University, 26/7/1422 H (13/10/2001 AD)
79. Member of Committee for Evaluation of Master Degree Research Project submitted by Graduate student Abdulrahman M. Al-matrodi. Dept. of Pharmacology, College of Pharmacy, King Saud University. 30/10/1422 H (14/1/2002 AD)
80. Rapporteur of the Committee for preparing license exams for pharmacists,
Saudi Council for Health Specialties. 5/11/1422 H (13/1/2002 AD)
81. Member of Committee for evaluation of pharmacy degree certificate of South and East Asia. College of Pharmacy, King Saud University,
7/11/1422 H (21/1/2002 AD)
82. Member of Committee for studying the suggestion of Saudi Council for Health Specialties about the role of Scientific Board of Pharmacy in evaluation of pharmacy programs. College of Pharmacy, King Saud University,
7/11/1422 H (21/1/2002 AD)
83. Member of Committee for the execution of residency program. College of Pharmacy,
King Saud University, 27/1/1423 H (10/4/2002 AD)
84. Member of Committee for preparing the college views and suggestions in biological and medical ethics.
College of Pharmacy, King Saud University, 22/2/1423 H (5/5/2002 AD)
85. Academic supervisor. The unified exam for acceptance in Health Colleges. King Saud University. Academic year 1422/1423 H
86. Member of Committee for preparing standard for pharmacy diploma degree for the non succeed pharmacy student.
College of Pharmacy, King Saud University, 10/7/1423 H (17/9/2002 AD)
87. Member of the Scientific Committee for The 3rd KFMMC International Pharmacy Conference: Future Trends, Dhahran, Saudi Arabia.
9-11/8/1423 H (15-17/10/2002 AD)

88. Member of Committee for Evaluation of Master Degree Research Project submitted by Graduate student Yahea A. Al-Sweeh. Dept. of Pharmacology, College of Pharmacy, King Saud University. 10/9/1423 H (15/11/2002 AD).
89. Member of committee for preparing exam questions for Pharmacy technicians. Saudi Council for health specialties. 30/1/1424 H (2/4/2003 AD).
90. Member of Committee for preparing an education program for the diabetic patients. College of Pharmacy, King Saud University, 5/2/1424 H (7/4/2003 AD)
91. Academic supervisor. The unified exam for acceptance in Health Colleges. King Saud University. Academic year 1423/1424 H
92. Member of committee for discussion to send the demonstrator as a student and not as an employee. College of Pharmacy, King Saud University, 25/3/1424 H (26/5/2003 AD)
93. Member of the local supervising committee for the technical and administrative supervision of the private health institutes. Saudi Council for health specialties. 10/4/1424 H (10/6/2003 AD).
94. Member of scientific committee for evaluation and recognition of the programs of private health institutes. . Saudi Council for health specialties. 10/4/1424 H (10/6/2003 AD).
95. Member of the team work for Al-Maree Prize in the scientific distinguish “ the Prize of the distinguish scientist in medicine the year of 1424 H” King Abdulaziz city of sciences and technology 15/4/1424 H (15/6/2003 AD)
96. Member of Committee for illegal student behaves. College of Pharmacy, King Saud University. 4/11/1424 H (27/12/2004 AD)
97. Rapporteur of committee for preparing scientific program for pharmacy technition. Saudi Council for health specialties. 28/4/1425 H (16/6/2004 AD)
98. Academic supervisor. The unified exam for acceptance in Health Colleges. King Saud University. Academic year (1425/1426 H) 13/5/1425 H (1/7/2004)
99. Member of academic accreditation committee: Pharmacy specialty. National commission for academic accreditation and assessment. Kingdom of Saudi Arabia. 13/2/1426 H (23/3/2005 AD)
100. Academic supervisor. The unified exam for acceptance in Health Colleges. King Saud University. Academic year (1426/1427 H) 22/5/1426 H (29/6/2005)
101. Member of Committee of Educational Programs and Graduate Studies. College of Pharmacy, King Saud University. 24/7/1426 H (29/8/2005)
102. Member of Committee to evaluate the health colleges and institutes at the ministry of health. National commission for academic accreditation and assessment 8/9/1426 H (11/10/2005 AD)

103. Chairman of committee for evaluation of pharmacy certificates and pharmacist registration. Scientific Council for Pharmacy at Saudi Council for Health Specialties. 28/10/1426 H (30/11/2005 AD)
104. Chairman of Committee for preparation of academic and professional standards for pharmacy technician. National commission for academic accreditation and assessment. 6/3/1427 H (4/4/2006 AD)
105. Chairman of scientific committee of pharmacoeconomic symposium, Riyadh Chamber of Commerce and Industry, Riyadh, Saudi Arabia 13/3/1427 H (11/4/2006 AD)
106. Member of the Organizing Committee for The 7th International Saudi Pharmacy Conference. Saudi Pharmaceutical Society, Riyadh, Saudi Arabia. 23/4/1427 H (21/5/2006 AD)
107. Member of the Interviewing Committee for Students Applying for King Abdullah Ben Abulaziz program to send students out side the Kingdom. From 11/7/1427 H (5/8/2006) to 15/7/1427 H (9/8/2006)
108. Member of Committee of Educational Programs and Graduate Studies. College of Pharmacy, King Saud University. 20/10/1427 H (11/11/2006)
109. Rapporteur of the permanent committee for medical programs at the deanship of the graduate studies. King Saud University. 1/11/1427 H (22/11/2006)
110. Member of the permanent committee for students affairs at the deanship of the graduate studies. King Saud University. 1/11/1427 H (22/11/2006)

INTERNATIONAL CONFERENCE ATTENDANCE:

1. FASEB Annual Meeting (14-23/5/1982, New Orleans LO, USA)
Participation: Presented a Paper.
2. FASEB Annual Meeting (1985, Anaheim CA, USA)
Participation: Audience.
3. Annual Meeting of Western Pharmacology Society (1986, Bannf, Canada)
Participation: Presented a Paper.
4. Annual Meeting of the Western Region of American Association of Pharmaceutical Scientists (1987, Reno Nevada, USA).
Participation: Audience.
5. Annual Meeting of the Western Region of American Association of Pharmaceutical Scientists (1988, Reno Nevada, USA)
Participation: Audience.

6. FASEB Annual Meeting (1-5/5/1988, Las Vegas, Nevada, USA)
Participation: Audience.
7. ASPET Meeting (August 12-15, 1990, Milwaukee, Wisconsin, USA)*
Participation: Audience.
8. The 8th International Conference on Prostaglandins and Related Compounds, Montreal, Canada, July 26-31, 1992*
Participation: Audience.
9. Annual Meeting of the American College of Clinical Pharmacy, (August 9-12, 1992, Toronto, Ontario, Canada).*
Participation: Audience.
10. ASPET, August 14-18, 1992, Orlando, Florida, USA*
Participation: Audience.
11. International Narcotics Research Conference (INRC). (July 16-21, 1994, North Falmouth, MA, USA.*
Participation: Presented a Paper
12. XII International Congress of Pharmacology. (July 24-29, 1994, Montreal, Canada).
Participation: Audience
13. The 97th Annual Meeting of American Association of Colleges of Pharmacy, Reno, Nevada, (July 14-18, 1996)
Participation: Audience
14. Recent Advances and Future Trends in Pharmacy Practice, Riyadh, Saudi Arabia.
8-9/7/1417 H (19-20/11/1996 AD)
Participation: Member of the Organizing Committee.
15. Experimental biology 98. April 18-22, 1998 AD (21-25/12/1418 H), San Francisco, California, USA
Participation: Presented a Paper
16. XIII th International Congress of Pharmacology. July 26-31, 1998 AD (3-8/4/1419 H), Munchen, Germany.
Participation: Presented a Paper
17. The 5th International Saudi Pharmacy Conference: Pharmacy Professional in the 21 ST Century. 16-19/7/1420 H (25-28/10/1999 AD). Riyadh, Saudi Arabia.
Participation: Member of the Organizing Committee, Coordinator of the drug industry session.
18. Annual Meeting of the American Association of Pharmaceutical Scientist "AAPS" New Orleans, LA. USA, November 6-10/8/1420 H(14-18/11/1999 AD)
Participation: Presented a Paper

19. International Pharmaceutical Care Conference. "Back to the Future"
28-30/12/1420 H (3-5/4/2000 AD), King Fahad National Guard Hospital, Riyadh,
Saudi Arabia.
Participation: Member of the Scientific Committee, Chairman of one major session.
20. VII World Conference on Clinical Pharmacology and Therapeutics, Florence, Italy,
13-18/1421 H (15-20/7/2000 AD)
Participation: Presented a Paper
21. The IXth International Congress of Toxicology, Brisbane, Australia
17-21/4/1422 H (8-12/7/2001 AD)
Participation: Presented a Paper
22. The 3rd KFMMc International Pharmacy Conference: Future Trends.
9-11/8/1423 H (15-17/10/2002 AD) Dhahran, Saudi Arabia.
Participation: Member of the Scientific Committee and Presenting a paper.
23. The 6th International Saudi Pharmacy Conference: "Pharmacy Professional Towards
Patient Care". 10-13/8/1424 H (6-9/10/2003 AD). Riyadh, Saudi Arabia.
Participation: Member of the Scientific Committee.
24. The Xth International Congress of Toxicology, Tampere, Finland
23-27/5/1425 H (11-15/7/2004 AD)
Participation: Presented a Paper
25. Second Regional Conference on Medical journals in the WHO Eastern Mediterranean
Region. Riyadh, Saudi Arabia 26-28/10/1425 H (10-12/10/2004 AD)
Participation: Presented a Paper
26. Pharmacy: A Profession in Transition, King Faisal Hospital and Research Centre,
Riyadh, Saudi Arabia. 10-11/3/1426 H (19-20/4/2005 AD)
Participation: Member of the Organizing Committee.
27. European societies of toxicology. Eurotox 2005.
Cracow, Poland September 11- 14, 2005
Participation: Presented a two Papers
28. XVth World Congress of Pharmacology, Beijing, China, July 2-7, 2006
Participation: Presented a Papers
29. The 7th International Saudi Pharmaceutical Conference:
Riyadh, Saudi Arabia 29/2 to 2/3/1428 H (19-21/3/2007 AD)..
Participation: Member of the Organising Committee.

SYMPOSIA:

1. International Symposium on Pharmacy Practice in Saudi Arabia, Current and
Future Trends (15-17/4/1410 H (13-15/11/1989 AD)
Participation: Audience

2. Symposium on “The Poison Treatment and Prevention”, King Fahad Specialist Hospital, Buraidah, Al-Qasim, Saudi Arabia.
12-13/10/1410 H (16-17/5/1990 AD)
Participation: Member of the Organizing Committee, Chairman of one of the Scientific Sessions.
3. Symposium on “Management of Pharmacy Services”. Prince Salman Hospital, Riyadh, Saudi Arabia. 30/10-11/1/1411 H (14-15/5/1991 AD)
Participation: Member of Organizing Committee.
4. Symposium on “Clinical use of Antimicrobial Agents:. Tabouk, Saudi Arabia.
6-7/5/1412 H (12-13/11/1991 AD)
Participation: Audience
5. Symposium on “The Development of Manpower in the Health Service in Saudi Arabia” Jeddah, Saudi Arabia. 3/5/1413 H (28/10/1992 AD)
6. Pan-Pacific Asian Congress II on Pharmacy Practice, Riyadh, Saudi Arabia.
22-24/5/1413 H (16-18/11/1992 AD)
Participation: Audience
7. Symposium on “Etiology & Pathology of Seborrhoeic Dermatitis and Dandruff:. King Khaled Hospital, Hail, Saudi Arabia. 15/6/1413 H (9/12/1992 AD)
Participation: Chairman of Organizing Committee.
8. Symposium on “Back Pain, King Khalid Hospital”, Al-Kharj, Saudi Arabia.
27/6/1413 H (20/1/1993 AD)
Participation: Chairman of Organizing Committee.
9. Symposium “Good Manufacturing Practice”. Al-Qassim, Saudi Arabia.
18-19/8/1413 H (9-10/2/1993 AD)
Participation: Chairman of Organising Committee and Chairman of one of the Scientific Sessions.
10. Symposium “Clinical Pharmacy Services in Hospitals” Al-Khobar, Eastern Province, Saudi Arabia. 20-21/11/1413 H (11-12/5/1993 AD)
Participation: Chairman of Organizing Committee.
11. Symposium on “Unified Purchasing for Drugs, Present and Future: Riyadh Saudi Arabia.
13-14/1/1414 H (3-4/7/1993)
Participation: Audience
12. Symposium on “Problems of Drug Prescribing for Children” Riyadh, Saudi Arabia.
26/5/1414 H (3-4/7/1993)
Participation: Chairman of Organizing Committee and Chairman of the Session.
13. Symposium on “The British Experience in Health Service Administration”, Riyadh, Saudi Arabia.
15/10/1414 H (27/3/1994 AD)
Participation: Audience.

14. Drug Manufacturing Quality Control Program, Ministry of Health, Riyadh, Saudi Arabia. 25/12/1414-21/1/1415 H (4-21/6/1994 AD)
Participation: Member of Organizing Committee.
15. Symposium on “HIV Infection, Pathogenesis and Therapy”, Riyadh, Saudi Arabia. 13/5/1415 H (18/10/1994 AD)
Participation: Chairman of Organizing Committee.
16. Symposium on “Plasma Derivative” Riyadh, Saudi Arabia. 24/6/1415 H (27/11/1994 AD)
Participation: Member of Organizing Committee.
17. Symposium on “Blood products, Clinical use and Quality Assurance”, Al-Madinah Al-Munawara, Saudi Arabia. 26-27/6/1415 H (29-30/11/1994)
Participation: Chairman of Organizing Committee and Chairman of one of the Scientific Sessions.
18. Symposium on “Communication in Pharmacy”, Riyadh, Saudi Arabia. 11/7/1415 H (13/12/1994 AD)
Participation: Chairman of Organizing Committee.
19. Symposium on “Cystic Fibrosis, Clinical Manifestation and Therapeutic Approach”, Riyadh, Saudi Arabia. 16/8/1415 H (17/1/1995 AD)
Participation: Chairman of Organizing Committee.
20. Symposium on “The French Experience in National Health Service Management” Riyadh, Saudi Arabia. 18/10/1415 H (19/3/1995 AD)
Participation: Audience
21. Symposium on “Drug Biotechnology”, Tabouk, Saudi Arabia. 27-28/10/1415 H (28/29/3/1995 AD)
Participation: Chairman of Organizing Committee.
22. Therapeutic Program, Saudi Pharmaceutical Society, Riyadh, Saudi Arabia. 8-19/11/1415 H (8-19/4/1995 AD)
Participation: Chairman of Organizing Committee.
23. Symposium on “Advance in Hepatitis”, Riyadh, Saudi Arabia. 25/11/1415 H (25/4/1995 AD)
Participation: Chairman of Organizing Committee.
24. Symposium on Malaria, Riyadh, Saudi Arabia. 21/1/1416 H (19/6/1995 AD)
Participation: Chairman of Organizing Committee
25. Meeting of Drug Companies in Gulf Cooperation Council “GCC, Riyadh, Saudi Arabia. 26/6/1416 H (19/11/1995 AD)
Participation: Audience.
26. Symposium on “Advance in Asthma”, Riyadh, Saudi Arabia. 27/6/1416 H (20/11/1995 AD)
Participation: Chairman of Organizing Committee

27. National Symposium “Continuing Medical Education is it Necessary or Luxury?”
King Fahad Hospital, Buraidah, Saudi Arabia.
8/8/1416 H (30/12/1995)
Participation: Presented a Paper
28. Symposium on “Elderly: Health Care and Therapeutic Intervention” Riyadh, Saudi Arabia.
30/10/1416 H (19/3/1996 AD)
Participation: Member of Organizing Committee
29. Symposium on “Liver Transplant Program in the Kingdom” Riyadh, Saudi Arabia.
28/11/1416 H (16/4/1996 AD)
Participation: Member of Organizing Committee
30. Symposium on “Leishmaniasis Update” Riyadh, Saudi Arabia.
16/1/1417 H (2/6/1996 AD)
Participation: Member of Organizing Committee.
31. Symposium on “Community Pharmacy: Present and Future: Riyadh, Saudi Arabia.
2/6/1417 H (14/190/1996 AD)
Participation: Member of Organizing Committee.
32. Symposium on “The role of Helicobacter Pylori in Peptic Ulcer Disease” Riyadh, Saudi Arabia.
7/8/1417 H (17/12/1996 AD)
Participation: Member of Organizing Committee.
33. Symposium on “Total Parenteral Preparation: Riyadh, Saudi Arabia.
14/11/1417 H (23/3/1997 AD)
Participation: Member of Organizing Committee.
34. Higher Education Symposium in the Kingdom of Saudi Arabia “Future Views” Riyadh, Saudi Arabia. 25-28/10/1418 H (22-25/2/1998 AD)
Participation: Audience.
35. First meeting for Pharmacy professional, “Future Strategy”, Aljubail, Saudi Arabia. 30/10 to 3/11/1419 H (16-19/2/1999 AD)
Participation: Chairman of one of the major session
36. Workshop of “Medical Research between Present and Expected”, Medical Science Group, King Abdulaziz City of Science and Technology.
26/2/1421 H (30/5/2000 AD)
Participation: Present a lecture under the title of “ Standards for the suggestion of priority in medical research”
37. Symposium on “Diabetics Mellitus: New approach treatment”, Riyadh, Saudi Arabia.
25/8/1421 H (21/11/2000 AD)
Participation: Audience
38. Workshop of “Priorities in Cancer Research”, Medical Science Group, King Abdulaziz City of Science and Technology. 6/11/1421 H (31/1/2001 AD)
Participation: Audience

39. Symposium on “Management of hyperlipidimia”, Riyadh, Saudi Arabia.
13/6/1421 H (10/10/2000 AD)
Participation: Audience

40. The Graduate Study Symposium in the Saudi University “the Future trends”
Jeddah, Saudi Arabia 22-24/1/1422 H (16-18/4/2001 AD)
Participation: Presented a paper

41. Symposium on “Applied Education in Saudi Universities, Future, Expectation
and Mechanism”, Riyadh, Saudi Arabia. 7-8/8/1422 H (23-24/10/2001 AD)
Participation: Audience

42. Workshop on “Industrial Designs, layout-Designs of Integrated Circuits, and
on plant variety protection under the international union for the protection of
new varieties of plants (UPOV) organized by WIPO and KACST.
Riyadh, Saudi Arabia. 29/3-1/4/1423 H (10-12/6/2002 AD)
Participation: Audience

43. Symposium on “Ethics of pharmacy professional Practice”, Riyadh Saudi Arabia.
1/8/1423 H (7/10/2002 AD)
Participation: Audience

44. The eight scientific meeting program “Coronary artery diseases and their
causing factors” King Abdulaziz City of Science and Technology.
18/10/1423 H (22/12/2002 AD)
Participation: Audience

45. The first scientific meeting of the chairmen of academic departments. King Saud
University. Riyadh. 25/2/1424 H (27/4/2003 AD)
Participation: Audience

46. Symposium on “Scientific offices and registration departments between Rights and
requirements”, Riyadh, Saudi Arabia. 2/4/1424 H (2/6/2003 AD)
Participation: Audience

47. Symposium on “Sever acute respiratory syndrome (SARS)”,
Riyadh, Saudi Arabia. 23/4/1424 H (23/6/2003 AD)
Participation: Audience

48. Symposium on "Psychiatric Pharmacy"
Al-Amal Hospital , Riyadh, Saudi Arabia 17/10/1424 H (11/12/2003 AD)
Participation: Audience

49. Symposium on " Electronic Pharmacy"
Riyadh, Saudi Arabia 15/2/1425 H (5/4/2004 AD)
Participation: Audience

50. The third symposium on " Future of Scientific Research and developing technology in the Arab word" King Abdulaziz City of Science and Technology, Riyadh, Saudi Arabia 21-24/2/1425 H (11-14/4/2004 AD)
Participation: Audience
51. Clinical Pracctice Guideline Workshop; Critical Appraisal and Local Adaptation, Evidence Based Medicine.
Riyadh, Saudi Arabia 6/5/1425 H (24/6/2004 AD)
Participation: Audience
52. The third medical meeting for private sector. Trade and Industrial chamber.
Riyadh, Saudi Arabia 8/5/1425 H (26/6/2004 AD)
Participation: Audience
53. Symposium on "COX-2 Inhibitors: New drug with recent concerns"
Saudi Pharmaceutical Society, Riyadh, Saudi Arabia. 25/2/1426 H (4/4/2005 AD)
Participation: Audience
54. The fourth symposium "Standards and procedures for quality assurance and accreditation". National commission for academic accreditation and assessment.
Riyadh, Saudi Arabia 22-23/3/1426 H (1-2/5/2005 AD)
Participation: Audience
55. Second National Symposium on Technology Development and Transfer.
Riyadh, Saudi Arabia 29/3- 1/4/1426 H (8-9/5/2005 AD)
Participation: Audience
56. Regional workshop on strategic partnership in health research in EMR countries.
Riyadh, Saudi Arabia. 12-13/10/1426 H (14-15/11/2005 AD)
Participation: participated in discussion
57. International Symposium on food and drug regulations. Saudi Food and Drug Administration. Riyadh. Saudi Arabia 22-24/4/1427 H (20-22/5/2006 AD)
Participation: Convener of session
58. Symposium on: Impact of pharmacoeconomic on the health care system, Industrial and trade chamber, Riyadh, Saudi Arabia 1/2/1428 H (19/2/2007 AD).
Participation: Chairman of the Scientific Committee

COMMUNITY SERVICES:

1. Academic advisor for the under graduate students, College of Pharmacy, King Saud University. 1410 H (1989 AD) to 1417 (1997 AD)
2. Study some of the regular tobacco standards, College of Pharmacy, King Saud University. 1410 H (1989 AD)
3. Published an article entitled "Sources of Poisoning in the House" in Al-Alowm and Al-Takneah Magazine, volume 7, Mohram 1413 (July 1991 AD).

4. Several contributions in continuing pharmaceutical education through the Scientific Research and Continuing Education Committee in Saudi Pharmaceutical Society. 28/8/1412 H (2/3/1992 AD) to date.
5. Taught ten lectures and ten labs in the subject of “Methods of detection of narcotic and psychotic drugs in urine and blood”. Detection of Narcotic and Psychotic drugs Program, Arabic Centre for Security Studies and Training. 7/4/1413 H (3/10/1992 to 3/5/1413 H (28/10/1992 AD).
6. Presented a lecture in “Pharmacy Professional Development” for the community pharmacists, Riyadh, Saudi Arabia. 13/7/1413 H (6/1/1993 AD).
7. Preparing, executing and supervising continuing education for community pharmacists, Series 1, Riyadh, Jeddah, Al-Khober, Saudi Pharmaceutical Society. 9/6/1414 H (22/11/1993 AD) to 13/8/1414 H (24/1/1994 AD).
8. Presented a lecture for pharmacists entitled “Pharmacy Professional Literature” Riyadh, Saudi Arabia. 9/6/1414 H (22/11/1993 AD).
9. Preparing, executing and supervising continuing education for community pharmacists, Series 2, Riyadh, Jeddah, Al-Khober, Saudi Pharmaceutical Society. 24/6/1417 H (4/11/1996 AD) to 27/8/1417 H (6/1/1997 AD).
10. Presented a lecture entitled “Role of Pharmacist in Primary health Care” Riyadh, Saudi Arabia 24/6/1417 H (4/11/1996 AD).
11. Presented lecture entitled “Topical Steroids” to the physicians of Fellowship Program in Dermatology, College of Medicine, King Saud University. 23/7/1418 H (23/11/1997 AD).
12. Preparing, executing and supervising continuing education for community pharmacists, Series III, Riyadh, Saudi Pharmaceutical Society. 26/5/1420 H (6/9/1999 AD) to 9/7/1420 H (18/10/1999 AD)
13. Presented lecture entitled “Introduction to Scientific Research” In the workshop of “ Research Design for Pharmacists” Organized by Saudi Pharmaceutical Society, Riyadh, Saudi Arabia..21/6/1421 H (19/9/2000 AD).
14. Presented a lecture under the title of “ Standards for the Suggestion of Priority in Medical Research” in the Workshop of “Medical Research between Present and Expected”, Medical Science Group, King Abdulaziz City of Science and Technology. 26/2/1421 H (30/5/2000 AD).
15. Presented a lecture entitled “Developing of the Mechanism of Application of the Study Plan for the Master Programs in the Department of Pharmacology” at the Graduate Study Symposium in the Saudi University, King Abdulaziz University, Jeddah , Saudi Arabia, 22-24/1/1422 H (16-18/4/2001AD)
16. Preparation of topics and syllabus of pharmacology and microbiology for students of Saudi Board for Oral and maxilofacial Surgery and coordinating the program. Riyadh,

Saudi Council for Health Specialties. From 13/6/1422 H (1/9/2001 AD) to date

SCIENTIFIC CONTRIBUTION:

- A.** Serve as a referee on scientific papers submitted for publication to many scientific Journals such as The International Journal of Biochemistry and Cell Biology.
- B.** Serve as a referee on scientific programs submitted for the Saudi Council for Health Specialties.
- C.** Serve as a referee on scientific projects submitted for King Abdulaziz City for Science and Technology, Riyadh, Saudi Arabia.
- D.** Serve as a referee on scientific programs submitted for the Deanship of research. King Abdulaziz University, Jeddah, Saudi Arabia

Othman 23-10-28