

**CURRICULUM VITAE****Saleh A. O. Bawazir****Professor of Clinical Pharmacy****Department of Clinical Pharmacy****Vice President for Saudi Food and drug Authority  
(SFDA)****PERSONAL DATA**

Date and Place of Birth                      July 1, 1957  
                                                            Jeddah, Saudi Arabia

Marital status                                      Married

Address                                              King Saud University  
                                                            College of Pharmacy  
                                                            Department of Clinical Pharmacy  
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                                                            [sabawazir@sFDA.gov.sa](mailto:sabawazir@sFDA.gov.sa)

**EDUCATION**

**Ph.D., 1984**                                      University of Wales Cardiff, U.K.

**Ph.D. Thesis**                                      "Descriptive retrospective study of the impact of endoscopy and cimetidine upon peptic ulcer disease".

**B.Pharm. (Hon.) 1979**                      King Saud University Riyadh, Saudi Arabia.

**EMPLOYMENT RECORD AND RESPONSIBILITIES**

**2006-Present**      **Vice President for Drug Affairs, Saudi Food and Drug Authority (SFDA)**

**2006-present**      **Professor of Clinical Pharmacy,** College of Pharmacy, King Saud University, Riyadh, Saudi Arabia.

**1996-2005**      **Minister of Health Advisor for Pharmaceuticals,** Ministry of Health, Riyadh, Saudi Arabia.

- 1993-2006 Associate Professor of Clinical Pharmacy**, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia.
- 1984-1993 Assistant Professor of Clinical Pharmacy** College of Pharmacy, King Saud University, Riyadh, Saudi Arabia.
- 1986-1993 Vice-Dean**, Deanship of Student Affairs, King Saud University
- 1986-1988 Chairman**, Department of Clinical Pharmacy, College of Pharmacy, King Saud University.
- 2002-2005**
- 1985-1988 Director**, Drug and Poison Information Center, College of Pharmacy, King Saud University.
- 1979-1980 Teaching Assistant**, Department of Clinical Pharmacy, College of Pharmacy, King Saud University.

### **RESEARCH INTERESTS**

- Patient information leaflets
- Drug Utilization
- Pharmacokinetics and drug interaction.
- Community pharmacy practice.
- Pharmacoepidemiology and Pharmacovigilance
- Role of Pharmacist in promoting rational drug use
- Drug management in developing countries
- Impact of WTO agreements on health and pharmaceuticals.

### **MEMBERSHIPS IN SOCIETIES**

1. Saudi Pharmaceutical Society - 1988-present.
2. United Kingdom Clinical Pharmacy Association - 1983-present.
3. American Society of Hospital Pharmacists - 1992-present.
4. American College of Clinical Pharmacy -1995-present
5. Vice president, Saudi Hypertensive Management Society – 2008 - present

### **AWARDS**

1. Outstanding Student Award, College of Pharmacy 1979
2. Journalism Medal, Deanship of Student Affairs 1979
3. Drug Abuse Prevention Award, National Committee 1990 for Drug Abuse Prevention.

## **PROFESSIONAL APPOINTMENTS**

### **Academic Advisor**

**1985-present** Student advisor, College of Pharmacy, King Saud University.

### **Consultant**

**1984-1985** Consultant, King Faisal Specialist Hospital and Research Center.

**1989-1990** Consultant, Curriculum Design, Clinical Pharmacy Department, Musal University, Iraq.

**1991-2004** Consultant, Evaluation of Group Purchasing of Drugs by Gulf Cooperation Council States, Office for the GCC Ministers of Health, Riyadh, Saudi Arabia.

**1991-2003** Consultant, Evaluation of Bioequivalence Studies of Generic Products, Gulf Cooperation Council States, Office for the GCC Ministers of Health, Riyadh, Saudi Arabia.

**1993-1995** Consultant, Al-Khorayef Medical Company, Riyadh, Saudi Arabia.

**1995-present** Temporary Advisor, World Health Organization.

**1998** Consultant, Curriculum Design, Clinical Pharmacy Department, Jordan University of Science and Technology, Arbed, Jordan. **2004-Present** Consultant, Saudi Food and Drug Authority.

**2004-2006** **Consultant**, Saudi Food and Drug Authority. Riyadh, Saudi Arabia.

**2006-Present** **Consultant, Advisory panel on International Pharmacopoeia, WHO, Geneva.**

### **Examiner**

**1987-1988** Examiner, Pharmacists' Promotion Committee, Department of Civil Bureau, Riyadh, Saudi Arabia.

**1988-1989** Examiner, Pharmacists' Promotion Committee, King Saud University.

### **Editor and Referee**

**1985-1992** Editor, Drug and Poison Information Center Newsletter, College of Pharmacy.

**1991-1994** Editor, Saudi Pharmaceutical Society Newsletter.

- 1996-2000** Editor, Saudi Pharmaceutical Journal.
- 1994-2002** Editor, AL-MUKAFAHA Journal. The official Journal of the Administration of Drug Abuse Prevention.
- 1990-present** Referee, King Abdulaziz City for Science and Technology (KACST), Riyadh, Saudi Arabia.
- 1992-Present** Referee, DICP Annals of Pharmacotherapy.
- 1993-present** Referee, Saudi Pharmaceutical Journal.
- 1944-2002** Editor, Gulf Cooperation Council States Drug Formulary - Part One Drug Index, Part Two Drug Monographs.
- 2003-2005** Editor, THE GCC GUIDELINES ON STABILITY TESTING OF PHARMACEUTICAL PRODUCTS
- 2003-Present** Referee, Eastern Mediterranean Health Journal, WHO\_EMRO
- 2005- Present** Referee, Faquih research Center, Saudi Arabia

### **Board Member**

- 1986-1988** Member, College of Pharmacy Council, King Saud University.
- 1990, 1994-1996, 2002-2006.**
- 1988-1990** Member, Student Fund Council, King Saud University
- 1989-1993** Member, Saudi Pharmaceutical Society Council, King Saud University.
- 1990-1993** Member, Foreign Student Club Council, King Saud University.
- 1993-1996** Member, Welfare Social Society Council for King Saud University Staff.
- 1996-1999** Member, Arab Pharmaceutical Company (ACDAMA) Council, Amman, Jordan.
- 1997-2000** Member, Gulf Pharmaceutical Industries (Julphar), Ras Al-Khayma, UAE.
- 2006- Present** Member, Executive Board of SFDA
- 2009 – Present** Member, Advisory Council for college of pharmacy, KSU, Riyadh.

### **Supervisor**

- 1986-1988** Supervisor, student visits to European pharmaceutical companies.
- 1990-present** Postgraduate students.

**Committee Chairman/Member**

- 1985-1987** Member, Continuing Pharmaceutical Education Committee, College of Pharmacy.
- 1985-1987** Member, Computer Committee, King Saud University.
- 1988-1989** Member, Professional Affairs Committee, Saudi Pharmaceutical Society.
- 1988-1989** Member, Preparation Committee for Drug Registration, Ministry of health, Riyadh, Saudi Arabia.
- 1988-1989** Chairman, Committee for Establishing Training Program for Undergraduate Students, College of Pharmacy.
- 1989-1992** Chairman, Scientific Research and Continuing Education Committee, Saudi Pharmaceutical Society.
- 1989-1992** Member, Selection of Outstanding Student Committee King Saud University.
- 1989-1996** Member, Organizing Committee, 5th Saudi Drug Symposium, College of Pharmacy. 1989-1990
- 1989-1990** Member, Committee for Appointing Teaching Assistants, College of Pharmacy.
- 1990-1991** Member, Curriculum Revision Committee, College of Pharmacy, King Saud University.
- 1990-1991** Chairman, Organizing Committee First No Smoking Campaign, King Saud University.
- 1992-1994** Chairman, Information & Public Relations Committee, Saudi Pharmaceutical Society.
- 1992-1996** Member, Scientific Committee, National Committee for Drug Abuse Prevention.
- 1993-1996** Member, Academic and Postgraduate Programs Committee, College of Pharmacy, King Saud University.
- 2002-Present** Member, Academic Committee, King Saud University.
- 1993-1996** Chairman, Scientific Committee, Production of You and Your Medicine Television Program, Saudi Pharmaceutical Society.
- 1994-1998** Member, Reviewing Committee for Ministry of Health Formulary, Riyadh, Saudi Arabia.
- 1995-1997** Chairman, Registration Committee for Herbal, Nutritional and antiseptics Pharmaceutical Products and Medical Devices, Ministry of Health, Riyadh, Saudi Arabia.
- 1996-present** Vice-Chairman, Drug Registration Committee, Ministry of Health, Riyadh, Saudi Arabia.
- 1996-2003** Member, Drug Registration Committee, Ministry of Health, Riyadh, Saudi Arabia.
- 2003-2005** Chairman, Pharmacy Law and Regulations Reviewing Committee, Ministry of Health, Saudi Arabia.
- 1996-2005** Chairman, Pharmacy & Therapeutic Committee, Ministry of Health, Riyadh, Saudi Arabia.
- 1998-2001** Vice-Chairman, Pharmacy & Therapeutic Committee, Ministry of Health, Riyadh, Saudi Arabia.
- 2001-2009**

- 1996-2002** Chairman, Committee for Developing OTC List for Registered Drugs. Ministry of Health, Riyadh, Saudi Arabia.
- 1996-2000** Member, Health Law and Regulations for Private Health Sector Reviewing Committee, Ministry of Health, Riyadh, Saudi Arabia.
- 1996-2000** Member, Reviewing Committee for Ministry of Health Policy and Procedures Manuals, Riyadh, Saudi Arabia.
- 1996-2000** Member, Economizing Spending on Pharmaceutical Items Committee, Ministry of Health, Riyadh, Saudi Arabia.
- 1996-2000** Member, Hajj Health Committee, Ministry of Health, Saudi Arabia.
- 1996-1999** Chairman, Committee for Drugs, Medical and Laboratory Supplies for Hajj, Ministry of Health, Saudi Arabia.
- 1996-2005** Member, Task Force for Joining World Trade Organization (WTO), Ministry of Health, Saudi Arabia.
- 1997- 2005** Coordinator, Committee for World Trade Organization (WTO), Ministry of Health, Saudi Arabia.
- 1998-2004** Ministry of Health Representative on Joint Saudi and Egyptian Committee for Technical Cooperation.
- 1998-2004** Ministry of Health Representative on Joint Saudi and Iranian Committee for Technical Cooperation
- 2000-2004** Ministry of Health Representative on Joint Saudi and Algerian Committee for Technical Cooperation
- 2003-2007** Member, National Committee for Evaluating Pricing System of Pharmaceuticals in Saudi Arabia.
- 2005-2007** **Member**, Academic programs and graduate studies, College of Pharmacy.
- 1996-Present** Member, Several committees, Legal Commission at Secretary of Ministers Council.
- 2006-Present** **Member**, Global Cooperation Group (GCG) for GCC countries, International Conference of Harmonizing pharmaceutical regulations. (ICH).
- 2009-present** Chairman, Pricing committee of pharmaceuticals.
- 2009-present** Vice chairman, Registration committee for pharmaceuticals, SFDA.
- 2009-present** Member, Gulf central committee of drug registration, GCC Office.
- 2009-present** Member, preparation committee for health services council.
- 2010-present** Chairman, Advisory committee for the national center for alternative and herbal medicine.
- 2010-present** Member, National committee for infectious diseases, MOH.
- 2010-present** Member, National committee for immunization, MOH.

## **RESEARCH EXPERIENCE**

- 1. Principal Investigator:**  
Evaluation of Drug Delivery System and Drug Utilization in the Kingdom of Saudi Arabia, King Abdulaziz City for Science and Technology, (KACST), Riyadh, Saudi Arabia. \$130933.00, 1987-1989.
- 2. Principal Investigator:**

Attitude of the public towards drug package insert in Saudi Arabia. Grant from Research Center, College of Pharmacy, King Saud University \$10,000, 1994-1998.

3. **Co-Investigator:**  
Bioavailability and bioequivalence studies for pharmaceutical companies, Ministry of Health in Saudi Arabia and Gulf Cooperation Council (GCC) States. 1992-2003.
4. **Principal Investigator:**  
Future of pharmaceutical care in Saudi Arabia. Grant from Fulbright Scholar Program. The Council for International Exchange of Scholars (CIES), USA. 1995.
5. **Principal Investigator:**  
Survey of medications brought in large quantities by pilgrimages in King Abdulaziz International Airport during 1425H Hajj season. Saudi Food and Drug Authority. 2005-2006.
6. **Co-Investigator:**  
Reforming Health Care Sector in Saudi Arabia. Ministry of Health. 2005-2006.

## **PUBLICATIONS**

### **A. PUBLICATIONS IN REFEREED JOURNALS**

1. **Bawazir, S.A.,** Al-Hassan, M.I., Matar, K.M., Tekle, A. The effect of domperidone on theophylline disposition in the rat. *Biopharm. Drug Disp.* 1989; 10:531-535.
2. Al-Hassan, M.I., **Bawazir, S.A.,** Matar, K.M., Tekle, A. Effect of famotidine on theophylline pharmacokinetics in the rat. *Int. J. Pharmaceutics* 1989; 50:35-38.
3. Tekle, A., **Bawazir, S.A.,** Al-Hassan, M.I., Matar, K.M. Assessment of pharmacokinetic interaction between theophylline and loperamide in the rat. *Eur. J. Drug Metabol. Pharmacokinetic* 1989; 14:283-286.
4. **Bawazir, S.A.,** Al-Hassan, M.I., Gee, J.P., Saour, J., Mammo, L.A. Quality assurance evaluation study of an anticoagulation clinic in Saudi Arabia. *Aust. J. Hosp. Pharm.* 1991; 21:112-114.
5. **Bawazir, S.A.,** Al-Hassan, M.I., Al-Khamis, K.I., Abou-Auda, H.S., Gubara, O.A. Comparative study of Saudi-marketed products and US drug labeling. *DICP Ann. Pharmacother.* 1991; 25:863-866.
6. **Bawazir, S.A.** Dispensing patterns at community pharmacies in Saudi Arabia. *Int. Pharm. J.* 1992; 6:222-223.
7. Al-Hassan, MI, **Bawazir S.A,** Al-Khamis, KI, Matar KM, Tekle A. The interaction potential of vigabatrin with phenytoin and carbamazepine. *Int. J. Pharm.* 1993; 93:7-12.

8. **Bawazir, S.A.** Prescribing patterns of ambulatory care physicians in Saudi Arabia. *Ann. Saudi Med.* 1993; 13: 172-177.
9. Al-Khamis, K.I., Al-Hadiyah, B.M., Ibrahim, O.M., **Bawazir, S.A.** Quantification of erythrocyte magnesium and potassium using atomic absorption spectrophotometry. *Ann Letter.* 1993; 26:689-707.
10. Al-Khamis, K.I., Jim, L.K., **Bawazir, S.A.**, Ashour, L.F., El-Sayed, N., and El-Syed, Y.M. Effect of Famotidine on ciprofloxacin pharmacokinetics after single intravenous and oral doses in rats. *J Clin Pharm Therap.* 1994; 19:335-339.
11. Al-Khamis, K.I., El-Sayed, Y.M., Al-Rashood, K.A. and **Bawazir, S.A.** High performance liquid chromatographic determination of ranitidine in human plasma. *J. Liq Chromatogr.* 1995; 18:277-286.
12. Al-Khamis, K.I., Al-Hadiyah, B.M., **Bawazir, S.A.**, Ibrahim, O.M. and Al-Yamani, M.J. Quantification of muscle tissue magnesium and potassium using atomic absorption spectrometry. *Ann Letter.* 1995; 28:1033-1053.
13. Gee, J.P., **Bawazir, S.A.**, Niazy, E.M., Gouda, M.W., Al-Khamis, K.I., et al. Sources of information influencing physician prescribing in Saudi Arabia. *Saudi Med. J.* 1995; 16(4):283-286.
14. Ibrahim, O.M., **Bawazir, S.A.**, Al-Khamis K.I., Al-Yamani, M.J. and Norelddin, A.M. Evaluation of clinical pharmacy services impact and therapeutic drug monitoring of digoxin at a teaching hospital. *Alex. HJ. Pharm. Sci.* 1997;11(2)85-90.
15. Al-Yamani, M.J.M.S., Al-Khamis, K.I., El-Sayed Y.M., **Bawazir, S.A.**, Al-Rashood, K.A.. Comparative bioavailability of two tablet formulations of acyclovir in health volunteers. *Intern. Journal of Clinical Pharmacology and Therapeutics*, 1998;36(4):222-226.
16. **Bawazir, S.A.**, Gouda, M.w., El-Sayed Y.M., Al-Khamis, K.I., Al-Yamani, M.J., Niazy, E.M. and Al-Rashood, K.A. Comparative bioavailability of two tablet formulations of ranitidine hydrochloride in health volunteers. *Int. J. Clinical. Pharmaco Therap.* 1998; 36(54):270-274.
17. Matar, K.M., Nicholls, P.J. **Bawazir, S.A.**, Al-Hassan, M.I. and Tekle, A. A rapid liquid chromatographic method for the determination of lamotrigine in plasma. *J. Pharma. Biomed. Anal.* 1998; 17:505-531.
18. Noreldin A, Al-Khamis K, **Bawazir S.A.**, Ibrahim O, Al-Najjar T, Al-Hassan M. Effect of clinical pharmacokinetics consultation service on the use of gentamicin in serum levels at university hospital. *Bull. Fac. Pharm. Cairo Univ.* 1998; 36(1):81-84.



19. Abou-Auda, H.S., Al-Yamani, M.J., Morad, A.M., **Bawazir, S.A.**, Khan, S.Z., Al-Khamis, K.I. High-performance liquid chromatographic determination of furosemide in plasma and urine and its use in bioavailability studies. *J. Chromatograph B*, 1998; 710:121-128.
20. Matar, K.M., Nicholls, P.J., **Bawazir, S.A.**, Al-Hassan, M.I. and Tekle A. Effect of valproic acid on the pharmacokinetic profile of oxcarbazepine in the rat. *Pharmaceutica Acta Helvetiae*, 1999; 73:247-250.
21. Matar, K.M. Nicholls, P.J., Tekle, A., **Bawazir, S.A.** and Al-Hassan, M.I. Effects of pregnancy on pharmacokinetics of lamotrigine in dogs. *Epilepsia*, 1999; 40(10):1353-1356.
22. Matar, K.M. Nicholls, P.J., Tekle, A., **Bawazir, S.A.** and Al-Hassan, M.I. Liquid chromatographic determination of six antiepileptic drugs and two metabolites in microsamples of human plasma. *Therapeutic Drug Monitoring*, 1999; 21: 559-566.
23. Matar, K.M. Nicholls, P.J., **Bawazir, S.A.** and Al-Hassan, M.I. , and Tekle, A. Effect of vigabatrin and gabapentin on phenytoin pharmacokinetics in the dog. *Pharmacological Research* 2000;42:517-21.
24. Asiri, Y.A., **Bawazir S.A.**, Al-hadiyah B. M., Gubara O.A., and Al-khamis K.I. Stability of extemporaneously prepared spironolactone suspension in Saudi hospitals. *Saudi Pharm J* 2001;9:106-112.
25. Matar, K.M. Nicholls, P.J., **Bawazir, S.A.**, Al-Khamis K.I., and Al-Hassan, M.I. Effect of lamotrigine on the pharmacokinetics of carbamazepine and its active metabolite in dogs. *Eur J Drug Metabolism Pharmacokinetics* 2001;26:149-53.
26. **Bawazir, S.A.**, Abou-Auda H.S., Gubara, O.A., Al-Khamis, K.I., and Al-Yamani, M.J.,. Public attitude toward drug technical package inserts in Saudi Arabia. *J Pharm Technol* 2003;19:209-18.
27. **Bawazir, S.A.** Consumer attitudes towards community pharmacy services in Saudi Arabia. *Int Journal Pharm Pract* 2004;12:83-89.
28. **Bawazir, S.A.** Job satisfaction and community pharmacists in Saudi Arabia. *J Pharm Pract Res* 2004;34: 1-3
29. Matar KM., Mayet AY., Ayoola EA., **Bawazir SA., et al.** Isoniazid acetylation phenotyping in Saudi Arabs. *J Clin Pharm Therap* 2004;29:443-447.
30. Khoja TA, **Bawazir SA.** Group purchasing program of pharmaceuticals and medical supplies by the Gulf Cooperation Council States. *East Med Health J* 2005;11:217-225

31. **Bawazir, SA**, Alyamani MJ, Makin H, Al-Rayis S. Physicians and Pharmacists Adherence to prescribing guidelines of Controlled Psychotropic Drugs: A study in Private Sector, Riyadh, Saudi Arabia. Saudi Pharm J 2005;13:106-112.
32. DeRoeck DA, **Bawazir SA**, Carrasco P, Kaddar M. Brooks A., Fitzsimmons J., Andrus J. Regional Group Purchasing of Vaccines: Review of the Pan American Health Organization EPI Revolving Fund and the Gulf Cooperation Council Group Purchasing Program. Int J Health Plann Mgmt 2006; 21: 23-43.
33. **Bawazir SA**. Attitude of community pharmacists in Saudi Arabia towards adverse drug reaction reporting. Saudi Pharm J 2006;14:75-83.
34. **AL-SULTAN & BAWAZIR**. Adverse drug reaction reporting by hospital pharmacists in Saudi Arabia. Saudi Pharm J 2009;17: 95-105.
35. **WHO Expert Committee on specifications for pharmaceutical preparations. World Health Organization Expert Committee. World Health Organ Tech Rep Ser. 2010;(957):1-276, back cover.**

**B. PUBLICATIONS IN REFEREED CONFERENCE PROCEEDINGS:**

1. Al-Hassan, M.I., **Bawazir, S.A.**, Al-Khamis, K.I., Najjar, T.A., Al-Eshaiwy, S.A. Pharmacy manpower and job satisfaction of pharmacist. Proceeding for planning health care manpower symposium. Institute for Public Administration, 6-8 November 1988, Riyadh, Saudi Arabia. (Arabic).
2. **Bawazir, S.A.**, Al-Khamis, K.I. Group purchasing of drugs by GCC States - proceedings of symposium on group purchasing of pharmaceutical products, present and future. Executive Board of the Health Ministries Council for GCC States, 3-4 July 1993, Riyadh, Saudi Arabia.

**C. PUBLICATIONS IN NON-REFEREED JOURNALS AND BULLETINS:**

1. **Bawazir, S.A.** Drug from Discovery to Clinic. Journal of Science and Technology. 1991; 18:4-6 (Arabic).
2. **Bawazir, S.A.** Why should we stand against drug abuse. Al-Mukafaha Journal. 1995; 1:16-17 (Arabic)
3. **Bawazir, S.A.** Narcotics and Pregnancy, Al-Mukafaha Journal, 1997; 10:16. (Arabic).
4. **Bawazir, S.A.** Promoting rational drug use in Saudi Arabia. Rational Drug Use, Report on regional consultation, Teheran, Islamic Republic of Iran, 22-24 November 1999. WHO\_EM/EDB/022/E/L
5. **Bawazir, S.A.** Ecstasy the Disco Drug. Al-Mukafaha Journal, 1999; Dec.24. (Arabic).

- 6.. **Bawazir S.A.** Allergic rhinitis. Al-Mukafaha Journal, 2000; April (Arabic).
7. **Bawazir, S.A.** Essential drugs access and financing. Report on a regional consultation. Hammamet, Tunisia, 11-13 November 2001. WHO-EM/EDB/023/E/L.

D. **Research Reports:**

1. Bawazir, SA, et al. Evaluation of Drug Delivery System and Drug Utilization in Saudi Arabia. King Abdulaziz City for Science and Technology. Final Report 1993.

E. **AUTHORED BOOKS:**

1. Al-Khamis KI, Bawazir SA, et al., eds. Drug Formulary for Gulf Cooperation Council States - Part One Drug Index, Part Two Drug Monographs. 1st ed. Riyadh: Executive Office for GCC Health Ministers, 1998. Saudi Arabia.
2. Khoja TA, Bawazir SA, et al., eds. Policy and Procedure Manual for Group Purchasing Program in the GCC States. 1<sup>st</sup> ed. Riyadh: Executive Office for GCC Health Ministers, 2001. Saudi Arabia.
3. Bawazir SA, Abuouda HS, Asiri YA. Principles of drug information. Saudi Pharmaceutical Society, 2009.

E. **PAPERS AND POSTERS PRESENTED AT SYMPOSIA AND CONFERENCES:**

1. **Appropriate Use of medicine.** Hospital Administrators Symposium for Gulf Countries. College of Medicine, King Saud University, 24-25 February 1985, Riyadh, Saudi Arabia.
2. **Drug Information Services.** Clinical Pharmacy Department Continuing Education Program. College of Pharmacy, King Saud University, 16 September 1986, Riyadh, Saudi Arabia.
3. **Self-medication.** Drug Use and Misuse Symposium. The Joint Board for Postgraduate Medical Education, 22-23 January 1987, Qassim, Saudi Arabia.
4. **Therapy of Peptic Ulcer.** Continuing Education Program. College of Pharmacy, King Saud University, 10-11 March, 1987 Saudi Arabia.
5. **Future of Pharmaceutical Services in Saudi Arabia.** Pharmacist for a better patient care symposium, 6-7 January 1987, Hafer Al-Batin. Eastern Province Health Directorate, Saudi Arabia.

6. **Clinical Pharmacy Education in Saudi Arabia.** 48th International Congress of F.I.P. 4-9 September 1988, Sydney, Australia.
7. **Audit of Warfarin Prescribing in an Anticoagulation Clinic.** 48th International Congress of F.I.P. 4-9 September 1988, Sydney, Australia.
8. **Self-medication in Saudi Arabia.** 48th International congress of F.I.P. 4-9 September, 1988, Sydney Australia.
9. **Drug Utilization Evaluation.** Scope of Pharmacy Practice Symposium, 23-24 May, 1989, Jeddah, Saudi Pharmaceutical Society, Saudi Arabia.
10. **Drug Use Review.** King Fahad Hospital of the National Guards 19 June, 1989, Riyadh, Saudi Arabia.
11. **Present Day Pharmacy Practice in Saudi Arabia.** International Symposium on Pharmacy Practice in Saudi Arabia; Current and Future Trends. King Faisal Specialist Hospital and Research Center 13-15 November, 1989, Riyadh, Saudi Arabia.
12. **Physician Attitude Towards Pharmacy Services in Saudi Arabia.** Ist Pan Pacific-Assian Congress of Clinical Pharmacy, 23-26 November, 1990, Penang, Malaysia.
13. **Pharmacy Services at Ministry of Health Hospitals.** Pharmacy Services Symposium, 27 December 1990, Prince Salman Hospital, Riyadh, Saudi Arabia.
14. **How to evaluate Medical Literature.** Toxicologic Problems, Drug Information and Clinical Pharmacology Symposium, 16-17 October, 1991 Jeddah, Saudi Arabia.
15. **Patient attitude to drug use in Saudi Arabia.** Pan-Pacific Asian Congress III on Pharmacy Practice. 16-18 November, 1992, Riyadh, Saudi Arabia.
16. **Future of pharmaceutical care in Saudi Arabia.** Pan-Pacific VII Conference, 9-13 May, 1993, Cairus, Australia.
17. **Group purchasing of drugs by GCC States.** Group purchasing: Present and Future Symposium. 3-4 July, Riyadh, Saudi Arabia.
18. **Therapy of hypertension,** Al-Khorayef Medical Company Continuing Education Program. 24 June, 1993, Riyadh, Saudi Arabia.
19. **Communication principles,** Al-Khorayef Medical Company Continuing Education Program. 26 August, 1993, Riyadh, Saudi Arabia.
20. **Therapy of gastrointestinal diseases,** Al-Khorayef Medical Company Continuing Education Program. 11 November 1993, Riyadh, Saudi Arabia.

21. **Skin diseases**, Saudi Pharmaceutical Society Continuing Education program, 5 January 1994.
22. **Treatment of Acne**, Al-Khorayef Medical Company, Continuing Education Program, 12 May 1994.
23. **Drug-related problems causing admission to hospitals**. Drug & Poisons: Uses & Hazards Symposium. 7-8 June 1994, Jeddah, Saudi Arabia.
24. **Dental Care**, Al-Khorayef Medical Company, Continuing Education Program, 8th September, 1994, Jeddah.
25. **Therapy of hypertension**, Saudi Pharmaceutical Society Continuing Education Program, 22 March, 1995.
26. **Rational drug use**. WHO Workshop on essential drug program. King Abdulaziz University, Jeddah, Saudi Arabia, 27-29 March, 1995.
27. **Skin Diseases**, Saudi Pharmaceutical Society Continuing Education Program, 3 March, 1996, Jeddah, Saudi Arabia.
28. **Pharmacoeconomics in Saudi Arabia**. WHO consultation on drug economics and drug financing system. Cairo, 23-26 June, 1996, Egypt.
29. **Drug Abuse Problem**, the Administration of Drug Abuse Prevention, 28 September, 1996, Riyadh, Saudi Arabia.
30. **Future of pharmaceutical care in Saudi Arabia**. Symposium on Recent Advances and Future Trends in Pharmacy Practice, King Faisal Specialist Hospital and Research Center, 18-20 November 1996, Riyadh, Saudi Arabia.
31. **Treatment of Sexual Dysfunction**, Saudi Pharmaceutical Society Continuing Education Program, 5 April 1997, Riyadh, Saudi Arabia.
32. **Policies for Conducting Bioequivalence Studies in G.C.C. States**. Bioequivalence Workshop, Executive Office for G.C.C. State Health Ministers, 25-27 November, 1997, Dubai, U.A.E.
33. **Treatment of Sexual Dysfunction**, Saudi Pharmaceutical Society Continuing Education Program, 14 May 1998, Jeddah, Saudi Arabia.
34. **Treatment of Sexual Dysfunction**, Saudi Pharmaceutical Society Continuing Education Program, 21 May 1998, Damma, Saudi Arabia.
35. **Bioequivalence Studies Guidelines in G.C.C. States**. Bioequivalence Symposium, Arab Union for Pharmaceutical Industries, 27-29 May 1998, Aman, Jordan.

36. **Future of Group Purchasing for Pharmaceuticals in G.C.C. States**, 44th Conference of Ministers of Health Council for G.C.C. States, 11-12 February, 1998, Al-Doha, Qatar.
37. **Pharmacy Practice Teaching in Saudi Arabia**. WHO Expert meeting to prepare an outline for a text book on pharmacy practice 24-26 May 1999, Cairo, Egypt.
38. **Future of Pharmaceutical Care in the Arab World**. Dubai Pharmaceuticals and Technologies Conference and Exhibition. 20-22 November 1999, Dubai, U.A.E.
39. **Rational drug use in Saudi Arabia**. WHO Regional Consultation on Rational Drug Use. 22-24 November 1999, Tehran, Iran.
40. **Group purchasing for Pharamceuticals in G.C.C. States**. 48th Conference for Ministers of health Council for G.C.C. States, 8-9 February 2000, Manama, Bahrain.
41. **Central Drug Registration in G.C.C. States**. 4th Middle Esastern Regulatory Conference, 22-23 February 2000, Manama, Bahrain.
42. **Strategies of Pharmacy Profession in the Kingdom of Saudi Arabia**. International Pharmaceutical Care Conference, back to the future. 3-5 April, 2000, Riyadh, Saudi Arabia.
43. **Registration of Biopharmaceutical Products in Saudi Arabia**. Saudi Bio 6-8 April, 2002. Jeddah, Saudi Arabia.
44. **Group Purchasing of Vaccines in the GCC States**. Intercountry meeting on vaccines procurement for self-procuring countries. WHO Office, 3-4 September, 2002, Copenhagen, Denmark.
45. **The value of Pharmacist**. The 3<sup>rd</sup> KFMMC International Pharmacy Conference- Future Trends. 15-16 October, 2002. Dahrn, Saudi Arabia.
46. **Pharmacy Profession in Saudi Arabia: A Step Forward**. International Conference on the future of Pharmaceutical Care in Saudi Arabia. 18-20 October, 2002. Jeddah, Saudi Arabia.
47. **WTO Agreements and Public Health**. 54<sup>th</sup> Conference for Ministers of health Council for G.C.C. States, 7-8 January 2003, Abu-Dabi, UAE.
48. **The Value of pharmacist as health care provider**. 1-3 March, 2003, Duphat 2003 International Conference. Dubai, UAE
49. **Scientific Offices for Pharmaceutical Companies: a future look**. Symposium on scientific offices and department of registration. 2<sup>nd</sup> June 2003. Riyadh, Saudi Arabia .

50. **The Value of pharmacist as health care provider.** 4-5 December, 2003, International conference on New Trends in Pharmacy and Pharmacy Education. University of Saint Joseph, Beirut, Lebanon.
51. **The value of pharmacist as pharmaceutical care provider.** 21-23 February 2004, Sixth Kuwait Pharmaceutical Association Conference. Pharmaceutical Care in Kuwait. Kuwait city, Kuwait.
52. **Factors affecting acceptability of risk from pharmaceuticals.** 20-22 March 2004, Dubai International Pharmaceuticals and Technologies Conference and Exhibition (DUPHAT 2004). Dubai, UAE.
53. **Health and globalization.** 20-22 March 2004, International Hospital Federation Pan Regional Conference (IHF-DUBAI 2004). Dubai, UAE.
54. **The impact of pharmacists on drug related morbidity and mortality.** 2<sup>nd</sup> June 2004, 1<sup>st</sup> Annual Pharmacist Day, Pharmacist and Patient safety, Security Forces Hospital, Riyadh, Saudi Arabia.
55. **Antibiotics legislation in Saudi Arabia.** 14-15 September 2004, Principle of Judicious Use of Antimicrobials in Childhood Workshop. King Faisal Specialist Hospital and Research Center. Riyadh, Saudi Arabia.
56. **The impact of pharmacists on drug related morbidity and mortality.** 2nd International Pharmacy Conference Towards Evidence Based Practice 14-16 December 2004, Muscat, Oman
57. **Care in the Pharmaceutical Care Pharmacist New Vision.** 2nd International Pharmacy Conference Towards Evidence Based Practice 14-16 December 2004, Muscat, Oman
58. **The impact of pharmacists on drug related morbidity and mortality.** 23-26 March 2005, Dubai International Pharmaceuticals and Technologies Conference and Exhibition (DUPHAT 2005). Dubai, UAE.
59. **Pharmacy practice in Saudi Arabia: from dispensing to patient care.** 17-19 April 2005, Pharmacy: A profession in transition. King Faisal Specialist Hospital and Research Center. Riyadh, Saudi Arabia.
60. **Regulations of Self-Medications in Saudi Arabia.** Middle East Self-Medication Industry (MESMI) GCC\_DR and MESMI Meeting ,18 September 2005 - 14/8/1426, Riyadh, Saudi Arabia
61. **Pharmaceutical Education: What can we learn from the American experience? The 9<sup>th</sup> International Pharmacy Conference.** 17 –21 December 2005. Riyadh, Saudi Arabia.
62. **Introduction to Literature Evaluation. Evaluating Biomedical Literature Workshop. The 9<sup>th</sup> International Pharmacy Conference.** 14 December 2005. Riyadh, Saudi Arabia.
63. **Introduction to Literature Evaluation. Evaluating Biomedical Literature Workshop. DUPHAT 2006 Pharmacy Conference.** 13-16 March 2006. Dubai, UAE.
64. **Several presentations are made every year at local and international meetings every year.**

#### **TELEVISION PRESENTATIONS:**

1. Food and Drug Interactions. Health and Life Program, May 1986, Saudi Television, Chennel-I, Riyadh, Saudi Arabia.

2. Drug Interactions. Medical Journal Program, April, 1989, Saudi Television, Chennel-II, Riyadh, Saudi Arabia.
3. Fasting and Medication. Fasting and Health Program, November, 2002, Saudi Television Channel-II, Riyadh, Saudi Arabia.
4. Why do we need to regulate medicines. Medicines and Disease Program, May 2006. Saudi Television ALAKBARIYA Channel, Riyadh, Saudi Arabia.
5. Several television programs and interviews by local and Arabic media.

### **TRAINING COURSES AND WORKSHOPS:**

1. Training Course on the Public Health Implications of the WTO Multilateral Trade Agreements (MTAs) on Health and the Health Sector, 10-14 September, 2001. WHO, Geneva.
2. Evidence Based Medicine Workshop. 26-28 April, 2003. Jeddah, Saudi Arabia.
3. Prescription Medicine Evaluation. Therapeutic Goods Administration (TGA), 22-September – 4 October, 2003. Canberra, Australia.

### **SYMPOSIA PARTICIPATED IN:**

#### **Moderator ----**

1. Pharmacy Services: Present and Future. April 1987, King Fahad Hospitals Al-Madina Al-Monourah, Saudi Arabia.
2. Role of Pharmacist in Primary Health Care. October, 1987, Assir General Hospital, Abha, Saudi Arabia.
3. Fourth Drug Symposium, January 1989, College of Pharmacy, Riyadh, Saudi Arabia.
4. Treatment with Minimal Risk, May 1989, King Fahad Hospital, Al-Hafouf, Saudi Arabia.
5. Guidelines for Effective Inventory Control, October 1990, Al-Khozama Hotel, Riyadh, Saudi Arabia.
6. Drug & Poisons: Uses and Hazards, 7-8 June 1994, Holiday Inn Hotel, Jeddah, Saudi Arabia.



7. 42nd Conference for Ministers of Health Council for G.C.C. States, 4-5 January 1997, Abo-Dubai, U.A.E.
8. Pathology update: International Symposium on Laboratory Medicine. 2-5 January 1997, Riyadh, Saudi Arabia.
9. 44th Conference for Ministers of Health Council for G.C.C. States, 11-12 February 1998, Al-Doha, Qatar.
10. The 5th International Saudi Pharmacy Conference, 26-28 October, 1999, Riyadh, Saudi Arabia.
11. The 9<sup>th</sup> International Pharmacy Conference. 17 –21 December 2005. Riyadh, Saudi Arabia.
12. **DUPHAT 2006** Pharmacy Conference. 13-16 March 2006. Dubai, UAE.
13. Several conferences and symposiums were chaired and moderated every year.