

CURRICULUM VITAE

BIOGRAPHICAL DATA:

Name: **ZIAD Ahmed A. MEMISH**, MD, FRCP (Can), FIDSA, FRCP (Edin), FRCP (Lond), FACP, FFPH

Gender: Male

Date of birth: 25th November 1964

Nationality: Saudi

Marital Status: Married

Children: 3 (20 yrs old boy & 18 yrs old girl and 8 years old boy)

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Saudi Health Council Registration # 99-R-M-279 Expiry date: Aug 2024

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POSITIONS HELD:

Saudi Ministry of Health:

From Oct 2019 till now

Senior consultant Infectious Diseases &

Director Research & Innovation Center

King Saud Medical City

Ministry of Health

Chair of National COVID-19 Vaccine Technical Advisory Group &

Chair COVID-19 National Scientific Advisory Group

Under the COVID-19 Purchasing and Procurement Committee Healthcare Sector

Royal Court, KSA March 2020-till now

Lead Health Research Program and Guideline Development Center, Model of Care
Health Holding Company (Vision Realization Office)
Ministry of Health May 2020- till Oct 2022

Chair Scientific Committee, Evidence Base Guideline Center
Saudi Health Council Oct 2022 till now

Advisor to HE the Chair of Board of Directors
Royal Clinic June 2020-2022

Member of the selection committee for the King Faisal Prize in Medicine
June 2022

Founding Member & Vice President Saudi Society of IPC
March 2023

From Dec 2014 till Oct 2019

Senior consultant Infectious Diseases
Department of Medicine &
Director Research Department
Prince Mohamed Bin Abdulaziz Hospital
Ministry of Health
Riyadh, KSA

From September 2014 till March 15, 2015

Advisor Vice Minister for Health Affairs Office

From April 2012 till June 2014

Deputy Minister of Health for Public Health
Saudi Ministry of Health

From April 2009 till March 2012

Assistant Deputy Minister of Health for Preventive Medicine &
Consultant infectious Diseases, Department of Medicine at King Fahad Medical City,
Saudi Ministry of Health

From Sept 2012 till June 2014

Established & first Director WHO Collaborating Center for Mass Gathering Medicine Directorate of Public Health

From March 2011-June 2014

Chairman Board of Directors Saudi CDC
Ministry of Health

Ministry of National Guard (Saudi National Guard Health Affairs):

From 1994- April 2009:

Senior Consultant infectious diseases, Department of medicine, King Abdulaziz Medical Center-Riyadh (KAMC-R), Ministry of National Guard.

From 1998- April 2009

Executive Director Infection Prevention and Control Program, National Guard Health Affairs (NGHA), KAMC-R

From July 1st 1998 to Feb 2007

Head division infectious diseases, Dept of Medicine KAMC-R

From Feb 2005- April 2009

Director Gulf Cooperation Council States Center for Infection Control

From Feb 2008- April 2009

Director, Master Epidemiology & Medical Statistics program at the College of Public Health and Health Informatics, King Saud bin Abdulaziz University for Health Sciences

From Dec 2008- April 2009

A/Associate Dean College of Public Health and Health Informatics, King Saud bin Abdulaziz University for Health Sciences

From Jan 2009- April 2009

Established and first Director WHO Collaborating Center for Infection Prevention and Control

Ministry of Interior (SECURITY FORCES HOSPITAL):

From Sept 2003-Sept 2004:

Consultant infectious diseases and consultant in-charge of Emergency Room

ACADEMIC APPOINTMENTS:

Professor, College of Medicine

AlFaisal University, Riyadh, KSA (June 2010-till now)

Adjunct Professor in the Hubert Department of Global Health

Rollins School of Public Health

Emory University (Nov 2010- Nov 2024)

EMINENT SCHOLAR & Part-time Faculty Member

Kyung Hee University

South Korea, March 2023- till now

Honorary Professor of Infectious diseases

Liverpool School of Tropical Medicine

University of Liverpool (Nov 2012-2015)

Clinical Professor Department of Family and Community Medicine

King Saud University, Riyadh, KSA (Feb 2009- Feb 2010)

Adjunct Professor

King Saud University (2010- Present)

Adjunct Professor Department of Medicine

Division of Infectious Diseases,

University of Ottawa, Canada (June 2005- June 2011)

EDUCATION:

- 1981 High School Jeddah, Saudi Arabia: Graduated, High School
- 1981–1984 started College of Medicine at King Abdulaziz University, Jeddah, Saudi Arabia and transferred to Ottawa University, Canada to finish medical school
- 1984–1987 (MD) School of Medicine, University of Ottawa, Canada

INTERNSHIP/RESIDENCY TRAINING:

- 1987-1990 Straight Medical Internship & Residency in Internal Medicine (Ottawa University)
- 1990-1992 Fellowship in Infectious Diseases (Ottawa University)
- 1992-1993 Fellowship in Infection Control (Ottawa University)

QUALIFICATIONS:

- 1987 (MD) University of Ottawa Medical School
- 1987 (LMCC) Licentiate of the Medical Council of Canada
- 1990 (ABIM) American Board of Internal Medicine
- 12/09/1991 (FRCPC) Fellowship of the Royal College of Physicians and Surgeons of Canada in Internal Medicine
- 04/11/1992 (ABID) American Board of Infectious Diseases
- 1992 (CIC) American Certification Board of Infection Control
- 1992 (FRCPC) Fellowship of the Royal College of Physicians and surgeons of Canada in Infectious Diseases
- 1993 (FACP) Fellow of the American College of Physicians
- 1997 (CIC) American Certification Board of Infection Control (re-certified)
- 2000 (FIDSA) Fellow of the Infectious Diseases Society of America
- 2004 (CIC) American Certification of Infection Control (re-certified)
- 2009 (CIC) American Certification of Infection Control (re-certified)
- Elected Fellow of the Royal College of Physicians of Edinburgh (29/07/2011).
- Elected Fellow of the Royal College of Physicians of London (April 2012).
- Elected Fellow of the Faculty of Public Health (March 2014).

AWARDS & PRIZES:

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|------|---|
| 1995 | Outstanding Employee Recognition of the Year , King Fahad National Guard Hospital, Riyadh |
| 2000 | Certificate of Appreciation for Collaborative Research on the EPIC Project with the US CDC, JCAHO and SHEA |

- 2007 **Awarded “King Abdulaziz Medal from the first degree”**: The highest award on a national level for achievements in the field of Infectious Diseases and Infection Control
- 2018 **“Highly Cited Researchers”** for exceptional research performance by production of multiple highly cited papers (those that rank in the top 1% by citation in the field) by the Web of Science (Clarivate analytics) **2018**
- 2019 **Minister of Health Award for leadership in research for over 10 years**
- 2019 **“Highly Cited Researchers”** for exceptional research performance by production of multiple highly cited papers (those that rank in the top 1% by citation in the field) by the Web of Science (Clarivate analytics) Nov **2019**
- 2020 **“Highly Cited Researchers”** for exceptional research performance by production of multiple highly cited papers (those that rank in the top 1% by citation in the field) by the Web of Science (Clarivate analytics) Nov **2020**
- 2020 **Award by Finnish embassy in KSA** for contribution to both countries & knowledge exchange in the field of infection prevention and control
- 2021 **“Highly Cited Researchers”** for exceptional research performance by production of multiple highly cited papers (those that rank in the top 1% by citation in the field) by the Web of Science (Clarivate analytics) Nov **2021**
- 2022 **“Highly Cited Researchers”** for exceptional research performance by production of multiple highly cited papers (those that rank in the top 1% by citation in the field) by the Web of Science (Clarivate analytics) Nov **2022**
- 2022 Member of the selection committee for the King Faisal Prize in Medicine in 2022

ACTIVE INTERNATIONAL COMMITTEES & ADVISORY BOARDS:

- Member of WHO EMRO Regional Research Advisory Board 2011-2014
- Chair of the WHO EMRO IC Advisory Board Sept 2012-2015
- Vice Chair Regional IHR Commission EMRO WHO Dec 2015-2019
- Chair of Regional Technical Advisory Group on Immunization Oct 2017-June 2023
- Member Regional Technical Advisory Group on Immunization Sept 2023-onward
- Member of the Technical Advisory Committee to the Regional Director, EMRO since 2018 till now
- Member of the EMR Technical Advisory Group on COVID-19 March 2020-till now
- Member of the Board of Trustees International Vaccine Institute in South Korea May 2019- till now
- Member of the Global Coalition on Aging (GCA) Adult Vaccine Advisory Board June 2019 till 2021

- Member of WHO-HQ Scientific Technical Advisory Group-Infectious Hazards June 2019 till now
- Member of the WHO IHR COVID-19 Emergency Committee Jan 2020 till March 2023
- Ex-Officio member of the Strategic Advisory Group of Experts COVID-19 vaccine working group April 2020 till Sept 2023
- Member Strategic Technical Advisory Group on TB Sept 2023-2028
- Chair Working Group on meningitis elimination 2030 under WHO-SAGE March 2023
- Member of WHO Strategic Advisory Group of Experts Committee Jan 2023-2028

Journal Editorial Board:

1. American Journal of Infection Control (Associate Editor 2007-2010 & Section Co-editor 2002 till 2010)
2. Established Journal of Infection & Public Health (Elsevier Journal) (Editor-in-Chief July 2008-2012) (Indexed in National Library of Medicine/Pub med July 2010)
3. Established Journal of Epidemiology & Global Health (Elsevier Journal & moved to Atlantis Press & Springer Nature) 2010-present (Editor-in-Chief) Indexed in National Library of Medicine/Pub med July 2013
4. Doctor Sulaiman Habib Medical Journal (Published by Atlantis Press and moved to Springer Nature) EIC Jan 2019
5. International Journal of Infectious Diseases (Corresponding Editor 2009-2016)
6. Antimicrobial Resistance & Infection Control (Senior Editor 2011-Jan 2018)
7. Journal Health Specialities (member of the Editorial Board since its inception & EIC from Jan 2016 till April 2018)
8. Journal of Travel Medicine (Member of the editorial board 2002-2009 and MEA regional representative since 2018)
9. Joint Commission Journal on Quality and Patient Safety (Member of the Executive Advisory Board till Oct 2012)
10. Journal of Chemotherapy (Member of the Editorial Board)
11. Current Infectious Diseases Reports (Member of the Editorial Board)
12. Public Health Section Editor Encyclopedia of Human Biology second edition 2013
13. Eastern Mediterranean Health Journal (Member EB Feb 2013 till now)

RESEARCH FUND:

1. A project for **surveillance of antibiotic-resistant bacteria in MOH hospitals**. Approved project submitted to King Abdulaziz City of Science and Technology. Total Grant 1.5 million Saudi Riyals (2001-2005)
2. Project to investigate **Gulf War illnesses among sang soldiers**, in collaboration with the US Department of Defense, CDC, and Uniformed Services University and US Naval Research center. Total Budget US\$1,000,000 (2000-2003)
3. Project for **immunization of all National Guard soldier's kingdom wide**. Approved budget US\$5 million over 3 years (2002 – 2005)
4. A phase IIb, **Open, randomized, controlled primary vaccination study to evaluate the non-inferiority and the persistence of the immune response of GSK Biologicals. meningococcal serogroup ACWY conjugate vaccine given intramuscularly versus Mencevax ACWY given subcutaneously to healthy subjects aged 11 to 55 years of age** (Principal Investigator 2006/2007)
5. A multicenter **randomized clinical trial comparing 4RIF to 9INH to treat latent TB infection** (preventive therapy) from McGill University. Principal Co-investigator from KSA 2006/2007
6. Protocol RC08/049- **"Non-Inferiority of GSK Biologicals' Meningococcal Vaccine GSK '346' 2 versus Mencevax™ in Healthy Subjects Aged 2-10 Years of Age"**. Principal investigator in KSA 2008.
7. PI: Sahal Al-Hajoj-KFSHRC, Co. Inv. Fahad Al-Rabiah-KFSHRC, Naelah Abou Aljadaeel MoH, Sahar Al-Thawadi –KFSHRC, Ziad Memish-MoH. **Surveillances, Studying Epidemiology of Drug Resistance Tuberculosis and their impact on the National Tuberculosis Program**. Funded by King Abdulaziz City for Science and Technology KACST#AT-26-110
8. PI: Ziad A Memish, MoH, Abdullah Assiri, MoH, Atef shibl, KSU. **Prevalence of GNB with NDM1 metallo-B-Lactamase in tertiary care hospitals in KSA**. Approved by KFMC IRB# 11-157 2/10/2011.
9. PI: Abdullah Assiri, MoH, Memish Z, et al. **Impact of hajj on pneumococcal disease and transmission**. Approved by KFMC IRB# 11-160 10/10/2011
10. PI: Ziad A Memish, MoH with investigators from KAUST. **Molecular and deep sequencing-based characterization of enteric pathogens in Mass gatherings**. Approved by KFMC IRB#11-165 15/10/2011
11. PI: Ziad A Memish, MoH, et al. **Epidemiology of *N. meningitides* among pilgrims**. Approved by KFMC IRB#12-169 2/9/2012
12. PI: Ziad A Memish, MoH, et al. **National prevalence assessment survey of HSV and other infectious pathogens among primary health care attendees**. Approved by KFMC IRB# 12-095 14/05/2012
13. PI: Ziad A Memish, MoH, and LSTM faculty. **Clinical and laboratory features of HIV/AIDS in the Kingdom of Saudi Arabia**. Approved by KFMC IRB#12-159 11/08/2012

INVITED INTERNATIONAL LECTURES/PRESENTATIONS

1. **Antibiotic Therapy in Organ Transplant Patients**. * Regional Bacterial Resistance Seminar, Cairo, Egypt, January 7-10, 1997

2. **Infections in Solid Organ Transplant Recipients.** * The 4th Congress of the Mediterranean Society of Infections and Parasitic Diseases and the 1st Congress of the Arab Society of Chemotherapy. Microbiology and Infectious Diseases, Cairo, Egypt, October 17-21, 1997.
3. **Immunization of Saudi Arabian National Guard Soldiers.*** Regional consultants meeting for physicians from Central and Eastern Europe, the MEA and Africa in Belgium, 2000.
4. **Bioterrorism: The Hospital Response.** * 1st GCC Military Medicine Conference. Bahrain, November 4-5, 2000
5. **Impact of Hib Vaccine on Meningitis in the Saudi Arabian National Population.** * Regional Consultants Meeting for Physicians from Central and Eastern Europe, the Middle East and Africa, Nice, France. February 1-3, 2001.
6. **Antibiotic Cycling and Antimicrobial Resistance.** *Oman Congress of Hospital Infection. Muscat, Oman, February 5-7, 2002
7. **Rift Valley Fever in Saudi Arabia.** * 12th Annual Scientific Meeting of the Society for Healthcare Epidemiology of America (SHEA), Salt Lake City, Utah, USA, April 7-9, 2002
8. **Travel Epidemiology: The Saudi Perspective.** * 1st International Conference on Travel Medicine in Saudi Arabia. Riyadh, Saudi Arabia April 13-15, 2002
9. **Evolution of Infection Control in the Arabian Peninsula: Joining the Global Network.** * APIC 29th Annual Education Conference and International Meeting. Nashville, Tennessee, USA. May 19-23, 2002
10. **Certification of Infection Control Practitioners in Saudi Arabia ***
11. APIC 29th Annual Education Conference. CBIC Board of Directors Meeting. Nashville, Tennessee, USA. May 19-23, 2002
12. **Brucellosis in Saudi Arabia.** * COST845 Brucellosis Meeting. July 4-5, 2002, Liverpool, UK
13. **SAT vs. ELISA in the Diagnosis of Brucellosis.** * COST845 Brucellosis Meeting. July 4-5, 2002, Liverpool, UK
14. **Evolution of Infection Control in the Kingdom of Saudi Arabia.** * The 1st Middle East Society of Infection Control (MESIC) Congress. October 19-20, 2002. Kuwait
15. **Pilgrimage to Mecca – Medical Hazards.** * 4th Asia-Pacific Travel Health Conference (APTHC). October 21-23, 2002, Shanghai, China
16. **Clinical Vignette: Canadian Infectious Disease Society/Canadian Association of Medical Microbiologist.** Quebec City, Canada, March 7-9, 2003
17. **Infection Control with Limited Resources in Developing Countries (Meet the Consultant Session)** * 13th Society for Healthcare Epidemiology of America (SHEA) Annual Meeting. April 5-8, 2003, Arlington, Virginia. USA
18. **Importance of meningococcal vaccination – The Saudi experience.** GSK South Africa Symposium. New York, USA. May 6, 2003.
19. **Health Problems of Pilgrimage.** * 8th Conference of the International Society of Travel Medicine. May 7-11, 2003. New York City, USA.
20. **Epidemiology of Needle stick and Sharps injuries in a tertiary care center in Saudi Arabia.** May 14, 2003. Cyprus.
21. **Limiting bacterial resistance by good Infection Control practices.** 23rd International Congress of Chemotherapy. June 7-10, 2003. Durban, South Africa.
22. **Managing Infection Control with limited resources.** 5th European Congress of Chemotherapy and Infectious Disease. Oct. 17-20, 2003, Rhodes Greece.

23. **Infectious Diseases prevention among returning travelers from the Hajj.** * 2nd International Congress of the Asia Pacific Society of Infection Control. Singapore, 2004.
24. **Hajj workshop.** Euro African travel medicine conference. Cape town, South Africa Feb 8-11, 2004
25. **Travel related infections.** 2nd Asian Pacific Society of infection Control meeting. Singapore March 7-12, 2004
26. **Risk of acquiring brucellosis in the laboratory.** Annual meeting of the Society of Health Care Epidemiology of America. Philadelphia, USA April 17-20 2004
27. **TB in Saudi Arabia.** Combined CIDS/CACMID/CHICA meeting. Calgary, Canada April 29-May 2nd 2004
28. **HAJJ: The blessings, the afflictions, and the precautions.** Johns Hopkins Medical institutions, February 7th 2005
29. **The challenges of infection control: perspective from the MEA.** Johns Hopkins Medical Institutions, February 8 2005
30. **Implementing infection control programs: A Model for the developing countries.** 24th ICC congress. 4-6 June 2005, Manila, Philippines
31. **Infectious Diseases in mass gathering (Hajj).** 24th ICC congress. 4-6 June 2005, Manila, Philippines
32. **Developed country perspective on occupational health.** 24th ICC congress. 4-6 June 2005, Manila, Philippines
33. **Regional surveillance in GCC center for IC.** JCI/APIC international conference on infection control (Pre-conference session on surveillance) San Francisco, 7-9 Sept 2005, USA
34. **Case study: Developing infection control program: The Saudi National Guard experience.** Patient safety infection control congress, Dubai 17-20, 2005 UAE
35. **Antibiotic usage in the ICU.** . Patient safety infection control congress, Dubai 17-20, 2005 UAE
36. **Reappraisal of WHO guidelines for treatment of brucellosis.** 6th European Congress of Chemotherapy (ECC) 19-22, October 2005, Florence, Italy
37. **Tuberculosis and travel.** 6th European Congress of Chemotherapy (ECC) 19-22, October 2005, Florence, Italy
38. **Saudi infection Control.** 1st Mediterranean Regional infection control congress & the 14th annual conference of the Egyptian society of infection control in collaboration with EMRO/NAMRU-3. 15-17 November 2005, Cairo, Egypt
39. **MRSA prevention and management.** International Congress of Infection Control Dec 8-9, 05 Tehran Iran
40. **Recommendation for isolation precaution in hospital.** International Congress of Infection Control Dec 8-9, 05 Tehran Iran
41. **Experience of Saudi Arabia in launching WHO hand hygiene campaign.** 2nd GCC consultative meeting March 11-13, 2006 in Muscat, Oman.
42. **Infection control in countries with limited resources** (Meet the consultant). SHEA 2006 annual meeting March 18-21, 2006 Chicago, Illinois USA
43. **Antimicrobial therapy and infection control.** 4th Arab symposium for antimicrobial agents and 16th national congress of infectiology. Tunis, Tunisia, April 17-20, 2006
44. **Quality improvement in infection control in resource limited setting.** 12th International Congress on Infectious Diseases, Lisbon, Portugal-June 15-18, 2006.

45. **Brucellosis as an endemic zoonosis in the MEA/Africa: challenges for the laboratory worker.** 7th Annual conference of the International Federation of Infection Control 3-5 July, 2006 in Spier Estate Stellen Bosch, South Africa
46. **Infection control in the Eastern Mediterranean region: time for collaborative action. Infection control: Facing the challenge. Malaysian medical Association foundation infectious diseases fund (visiting fellowship program). Malaysia 5-6 August 2006**
47. **Ports of call- Around the Gulf: Highlights of infection control strategies: KSA.** Patient safety congress on infection Control 17-19 Sept 2006 Crown Plaza hotel, Dubai, UAE
48. **Unique occupational health challenges for HCW's in the MEA.** The 8th European Congress of Chemotherapy and Infection (ECC8) and the 4th European congress on viral diseases (ConVir4) Budapest, Hungary October 25-28, 2006
49. **Brucellosis & Pregnancy.** First International Congress on Treatment of Human Brucellosis. Ionnina, Greece Oct 7-10, 2006
50. **Health risks at Hajj & Umra.** One day meeting organized by the UK Health Protection Agency and the British Muslim Council in London Nov 16th, 2006.
51. **Risk of TB and Brucellosis during travel.** 6th Asia Pacific Travel Health Conference (APTHC) Nov 29- Dec 02, 2006 in Bangkok Thailand
52. **Health risks at Hajj.** 2nd international congress on infectious Diseases & 2nd GCC conference on infectious diseases & infection control Muscat, Sultanate of Oman 4th-7th December 2006.
53. **GCC CAP guidelines.** 2nd international congress on infectious Diseases & 2nd GCC conference on infectious diseases & infection control Muscat, Sultanate of Oman 4th-7th December 2006
54. **Experience of the GCC with the WHO patient safety challenge.** 2nd international congress on infectious Diseases & 2nd GCC conference on infectious diseases & infection control Muscat, Sultanate of Oman 4th-7th December 2006
55. **3 days training in Infection control as a JCI consultant.** Hamad hospital, Doha, Qatar February 2007
56. **WHO sub regional training on avian influenza.** Instructor and facilitator Riyadh March 4-8, 2007
57. **IC in ventriculostomy.** Asia Pacific Infection Control Symposium. July 8-12, 2007 Kuala Lumpur, Malaysia
58. **IC as a quality improvement measure.** Asia Pacific Infection Control Symposium. July 8-12, 2007 Kuala Lumpur, Malaysia
59. **Unique occupational health issues in the GCC region.** Patient safety congress Sept 2-4, 2007 Abu Dhabi Convention Center, Abu Dhabi, UAE.
60. **Brucellosis.** In a symposium on "Chronic infections: Tricky but important". 47th Interscience Conference on Antimicrobial Agents and Chemotherapy, Chicago, Illinois Sept 17-20, 2007
61. **Pneumococcal Disease in KSA.** 3rd Regional Pneumococcal Symposium Feb 13-14, 2008, Istanbul Turkey
62. **Hajj Medicine.** Asia Pacific International Congress on Travel Medicine. Melbourne, Australia Feb 24-27, 2008.
63. **Brucellosis; Successful control strategies.** The Second International Congress of the Central Asia Infectious Diseases ICCAID, March 27-30, 2008, Kazakhstan.
64. **GCC CAP Guidelines.** 11th international advanced Medicine symposium at MODA Nov 16-18, 2008 Riyadh, KSA.

65. **Common Problems in antibiotic abuse and solutions from the MEA.** A presentation in a 2hr official symposium at the 19th European Congress of Clinical Microbiology and Infectious Diseases, Helsinki, 16-19 May 2009
66. **Meningococcal vaccines in adults and during pregnancy.** International Neonatal and Maternal Immunization Symposium (INMIS-2010) which will be held in Antalya, Turkey, 26-28 March 2010.
67. **Pregnancy & Brucellosis.** Postgraduate education course: Brucellosis: epidemiological, microbiological, clinical, and therapeutic aspects. Kusadasi, Turkey 6-7 May, 2010
68. **The Saudi National Control Plan for Alkhurma Hemorrhagic Fever.** National meeting on Dengue, H1N1, AlKhurma, What is next. May 7th Jeddah, KSA
69. **Keynote: Infection Control in Kingdom of Saudi Arabia: Progress and challenges.**^{3rd} Recent advances in infection control symposium. King Fahad Medical City, Riyadh May 10-12, 2010, KSA
70. **MoH perspective on networking in pediatric infectious diseases.** The 3rd pediatric infectious diseases seminar, King Faisal Specialist Hospital and research center, June 1-2, 2010, KSA
71. **Alkhurma Hemorrhagic Fever: Epidemiology, clinical aspects and preparedness (Key note).** 5th annual meeting of GCC Center for IC 17-19 Oct 2010 Riyadh Marriot hotel KSA.
72. **Serotypes of pneumococci in GCC states.** Prevention of Child Killers: Pneumonia and Diarrhea. Sabin sponsored meeting in Amman Jordan Nov 22 2010.
73. **Planning Hajj during a declared pandemic H1N1 in 2009.** 8th IEA Eastern Mediterranean Regional Scientific meeting Nov 25-27, 2010 Crowne Plaza Hotel Beirut-Lebanon.
74. **The Saudi experience in controlling H1N1 during 2009 Hajj season.** Regional Military Medicine Conference, Rabat, Morocco, February 15-19, 2011
75. **National newborn screening program for congenital metabolic and endocrine diseases.** Saudi Heart Association 22nd Meeting. Intercontinental Hotel, Riyadh, KSA Feb 20-23.
76. **Emergence and trends of antimicrobial use and resistance in Saudi Arabia.** The 3rd Turkey EKMUD Scientific Platform, 1-5 March, 2011 in Grand Cevahir Hotel, Istanbul.
77. **Member of the panel for the consensus recommendation session. Conference on combating antibiotic resistance.** King Faisal Specialist Hospital & Research Center, Riyadh, March 7-9, 2011 KSA
78. **Disease surveillance and their potential effect on Mass Gathering of populations'** International engagement: Responsible science for a safe and secure society. AAAS center for science, March 13-17, Kuwait City, Kuwait
79. **Building successful infection control networks: Lessons learned from award winner.** 21st Annual Scientific Meeting of the Society for Healthcare Epidemiology of America (SHEA) to be held at the Hilton Anatole in Dallas , Texas from April 1-4, 2011.
80. **Viral Hemorrhagic Fever.** 4th Pediatric Infectious Diseases Seminar, 23-24 April 2011. Postgraduate Training Center, KFSH&RC, Riyadh, KSA.
81. **Keynote Religion and infection control .**International Conference on Infection Prevention and Control June 29 July 2nd , 2011 Geneva, Switzerland
82. **Keynote Brucellosis and pregnancy.** International brucellosis meeting Buenos Aires, Argentina Sept 20-22, 2011
83. **Neonatal outbreak investigation.** ECCMID Course on Infection Control, Turkey Oct 26-29, 2011
84. **Management of Medical Waste in developing countries.** ECCMID course on Infection Control, Turkey Oct 26-29, 2011

85. **Meningococcal Disease and Hajj.** 1st Middle East VACCINE CONGRESS 17-19 November 2011, Abu Dhabi, UAE.
86. **Public Health Preparations for Hajj 2011.** Hubert Department of Global Health Seminar Series. Wednesday, November 30th 2011; 12:00 noon – 1:00 p.m. Claudia Nance Rollins Building Room 1000, 1518 Clifton Road, Emory University.
87. **Keynote: Hajj and management of global public health implications.** 3rd international congress on infectious and tropical diseases, Sultan Qaboos University Dec 5-8, 2011 Muscat, Oman
88. **Hajj surveillance, mass gathering surveillance.** In session surveillance for action. EMPHNET meeting- Sharm El Sheikh December 7-9, 2011, Egypt.
89. **Saudi Arabian Chapter of ACP. “Health policy forum Access to Health Care: Are we on the Right Track?”** Al Faisal University, College of Business, Ground Floor, Room # BG.068 Sunday, 16th September 2012 8:30PM – 10:00PM
90. **“Communicable and Non-Communicable Diseases: Public Health Challenges for Response”, 7th Global Conference of TEPHINET.** Le Meridian Hotel in Amman, Jordan, on November 10th-15th, 2012.
91. **Surveillance & Response at points of entry during Mass Gatherings.** WHO EMRO IHR meeting Rabat Morocco 12-16 Nov 2012.
92. **Emerging Infectious Diseases during MG’s.** International meeting of Emerging Diseases under International Society for Infectious Diseases, Vienna Feb 2013.
93. **Middle East Respiratory Syndrome Coronavirus (MERS-CoV): latest news from the Arabian Peninsula and beyond.** Special plenary session at 2nd International Conference on Prevention and Infection Control (ICPIC), 25-28 June 2013, Geneva, Switzerland.
94. **Epidemiology of Middle East Respiratory Syndrome Coronavirus Infections** (Control#: 2664) in a Symposium entitled Viral Zoonosis and Humans: A Moving Interface scheduled to start Sep 13 2013 8:30AM at ICAAC, September 10-13, 2013, in Denver, CO.
95. **Experience related to rapid development and implementation of infection control policy and communication of rapidly developing issues around preventing MERS-CoV.** Special Plenary Session which opens the IDWeek 2013 Scientific Meeting, October 2-6, at The Moscone Center in San Francisco, California.
96. **Emerging Public Health Event of 2013.** A closing plenary at the 2013 European Scientific Conference on Applied Infectious Disease Epidemiology (ESCAIDE) , Stockholm, Sweden, from 5th to 7th of November 2013
97. **MERS-COV Update.** A special plenary presentation at the 16th International Congress on Infectious Diseases in Cape Town, South Africa, APRIL 2~5, 2014
98. **MERS-CoV Update.** Keynote opening plenary presentation. 5th IMED (international meeting on emerging infectious diseases and surveillance). Vienna, Austria Oct 31-Nov 3, 2014
99. **Knowledge gaps in MERS-CoV.** Symposium presentation at Asia Pacific Congress of Microbiology and Infection. Malaysia Nov 26-28, 2014.
100. **Mass Gathering Medicine.** Plenary presentation at Asia Pacific Congress of Microbiology and Infection. Malaysia Nov 26-28, 2014.
101. **Update on MERS-CoV.** Excellence in Pediatrics meeting in Dubai, UAE Dec 4-6, 2014
102. **Mass Gathering at the Hajj.** National Association of EMS Professionals annual meeting in New Orleans, USA January 19-23, 2015
103. **The wonderful world of Mass Gatherings surveillance.** Opening plenary Epicrowd conference, Recife, Brazil 25-27 March 2015.

104. **MERS-CoV: Local & Global Control.** Presentation in a symposium "D'Air to breath: Airborne pathogens and prevention". American Thoracic Society 2015 annual meeting Denver, Colorado, USA May 15-20, 2015
105. **MERS-CoV.** Presentation in a symposium " Travelling coughs and sneezes: Evolving and emerging respiratory infections" The 14th Conference of the International Society of Travel Medicine, 24-28 May 2015 Quebec City, Canada
106. **IC talks.** Oman National IC congress. Muscat Sept 13, 2015, Sultanate of Oman.
107. **Update on MERS-CoV.** Visiting Professor, Marseille University 23-27 September 2015, France.
108. **The emergence of MERS: from animal to human, to human.** The Aylif plenary at the Infection Prevention Society meeting ACC, Liverpool, 28-30 September 2015,
109. **Update on Viral Infections and Treatment.** Faculty of Medicine and Kuwait Institute for Medical Specialization, Kuwait 10-12 December 2015.
110. **Regional and global implications of emerging MERS-CoV infection & Public health implications of mass gatherings.** 3rd Middle East Public Health Conference, Arab Health Conference 27-28 January 2016 Dubai International Convention & Exhibition Centre, UAE.
111. **Hajj Related Travel Recommendations.** ME Travel Medicine - Infectious Disease Focus –Arab Health 2016 Wednesday 27th January 2016, Dubai International Convention & Exhibition Centre, UAE
112. **MERS-CoV: A Real Life Experience.** 17th Annual Congress of the Lebanese Society of Infectious Diseases & 4th Annual Congress of FASCMID 18 - 20 February 2016 Hilton Habtoor Grand Hotel - Beirut, Lebanon
113. **Mers-CoV: from camels to humans.** 17th International Congress on Infectious Diseases and the International Society for Infectious Diseases. Hyderabad, India, from March 2-5, 2016.
114. **Characterization of MERS-CoV Through Genomic Analysis.** Middle East and South Asia Conference on Epigenetics and Genetics of Infection at Royal Society of Science RSS from March 7-8, 2016, in Amman Jordan.
115. **The Wonderful World of Mass Gatherings Surveillance & Mass Gatherings Health & Crowd Health Related Issues.** Penang Hajj cluster meeting April 3-8 2016, Malaysia.
116. **Viral Shedding and Antibody Response in MERS.** 24th International Congress of ISBT Sept 3-8, 2016 Dubai UAE.
117. **MERS-CoV – what are we doing right or wrong?** 6th Infection Control Africa Network Congress 2016. Sept 25-28, 2016 Johannesburg, South Africa.
118. **MERS-CoV A Hot Topics Emerging Infections.** International Meeting on Emerging Diseases and Surveillance 2016. IMED 2016 in Vienna, Austria, from November 4-7, 2016.
119. **MERS-coronavirus: where are we at?** Geneva Centre for Emerging Viral Diseases 1st Symposium Understanding Emerging Viral Diseases and their Public Health Impact November 3-4, 2016 – Geneva, Switzerland.
120. **Influenza Infection in the Immunosuppressed Populations.** 16th Conference on Recent Advances in Clinical Virology 4th-5th December 2016 Kuwait
121. **Update in management of CMV & Needle Stick Injury.** 2nd Kuwait Infectious Diseases Conference 27-28 December 2016 Hyatt regency Hotel Kuwait
122. **Burden of Disease: NCD and their Risk Factors in the Kingdom of Saudi Arabia.** Arab Health Congress "Big Data" Dubai International Convention & Exhibition Centre 31st Jan – 1st Feb 2017

123. **Respiratory infections.** ESCMID Course. MENA Regional Conference on Public Health and Infectious Diseases Beirut, Lebanon 4 – 5 March 2017
124. **MDR in the Kingdom of Saudi Arabia.** ESCMID Postgraduate Education Course Hospital-Acquired Infections: Understanding the Magnitude and Needed Interventions Muscat, Oman 24 – 25 March 2017
125. **National NCD Research Panel.** Research Priorities for Tackling the Growing Burden of Non-Communicable Diseases in the Middle East. NYU ABU DHABI SAADIYAT CAMPUS Institute Conference Center, 8-10 May 2017
126. **The global threat of emerging viral zoonotic diseases.** Key note 30th International Congress of Chemotherapy and Infection (ICC 2017) Taipei Taiwan 24-27 Nov 2017
127. **Mass Gatherings and Meningococcal Disease.** Meningitis Research Foundation (MRF) Meningitis and Septicaemia in Children and Adults 14 & 15 November 2017 British Museum, London, UK
128. **Risk factors for human-to-human transmission: Infection control implications in investigating hospital outbreaks.** FAO-OIE-WHO Global Technical Meeting on MERS-CoV 25-27 September 2017, Geneva Switzerland.
129. **The Guide to Infection Control in the Hospital – Workshop & Mass Gatherings and Infectious Diseases- Meet the Expert.** 18th ICID/XVIII Congreso SADI. The 18th ICID/XVIII Congreso SADI will be held in Buenos Aires, Argentina, from March 1 to 4, 2018.
130. **Emerging Infections in the Arab Countries.** The 39th Annual Ain Shams Medical Congress 12th March 2018 Cairo Egypt.
131. **Mass Gathering and the Health of Migrants, Hajj as an Example.** ESCMID Workshop on Migrants Health 8-10 March 2018, Muscat, Oman
132. **MERS-CoV, influenza and Hajj: burden and challenges & MERS-CoV surveillance and ecology.** ISIRV School of Respiratory Viruses 7-11 May 2018 Faculty of Medicine, AUB Beirut Lebanon
133. **Choosing a title, writing an abstract and introduction.** Scientific Writing & Publishing Masterclass Global Health Exhibition and Congress 10 September 2018
134. **Non-communicable Diseases Prevention in Saudi Arabia.** The SFDA Conference 24 - 27 SEPTEMBER 2018, Riyadh Exhibition Center, KSA
135. **Alkhurma Hemorrhagic Fever: An emerging zoonosis in the Arabian Peninsula.** 3rd Kuwait Infectious Diseases Conference, 21-23 Sept 2018, Messilah Ballroom 1, Jumeirah Messilah Hotel, Kuwait
136. **MERS-CoV in KSA.** Infection Prevention and Control Conference 2018. Alfaisaliah hotel, Riyadh 27 Aug 2018, Riyadh, KSA
137. **Six years since emergence of first human infection of MERS: current public health priorities for improved preparedness and readiness and unfinished agenda.** Training workshop on establishing a global pool of experts on Middle East respiratory syndrome (MERS) Abu Dhabi, United Arab Emirates, 23 to 25 October 2018.
138. **Research Priorities in MERS-CoV.** 13th KFMC Annual Research Symposium, Nov 21-23, 2018 at KFMC main auditorium, Riyadh, KSA.
139. **MDRO Story & Strategies for Antimicrobial Stewardship.** RATIONAL USE OF ANTIBIOTICS AND ANTIMICROBIAL STEWARDSHIP PROGRAMS 2-3 November 2018, Amman – Jordan
140. **AMR ad Mass Gatherings.** WHO AMR workshop. Arabian Gulaf University, 16th Nov 2018, Almanama, Bahrain

141. **An emerging respiratory pathogen from the Arabian Peninsula.** Ottawa University Grand Rounds, 4th of December 2018, Ottawa General Hospital main auditorium, Ottawa, Ontario, Canada
142. **MERS-CoV Clinical management, infection prevention and control, challenges of Mass gatherings.**
2018 international meeting of the permanent working group for highly contagious and life-threatening diseases in Germany (STAKOB) 12th December 2018, Robert-Koch institute Berlin Germany

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119. **In vitro activity of tigecycline against Brucella sp. isolated from 1997 to 2009 (Abstr. 1441).** Al Johani S*, Memish ZA (Riyadh, SA) *20th ESCMID Vienna 10-13 April 2010*
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123. **Preparing for the 2009 Hajj: Training and piloting a mobile-based real-time surveillance system during the 2009 Umrah Ramadan**
Ngozi Adaeze Erundu, MPH, Ahmad Baghal, MS, MD, MPH, Wei Li, MD, MS, Carl Kinkade, MS, Tadesse Wuhib, MD, Mohammad Almazroa, MD MPH, Mohamed Nageeb, MD MCM, Ziad Memish, MD MPH and Scott J. N. McNabb, PhD. * **American Public Health Association 138th Annual meeting Nov 6-10, Denver Colorado, USA**
124. **Carriage of *Neisseria meningitidis* Among Saudi Arabian National Guard Personnel Before and After Vaccination with Meningococcal (Serogroups A, C, Y and W-135) Polysaccharide Diphtheria Toxoid-Conjugate Vaccine.** Al Thaqafi, Abdulhakeem; Al Qahtani, Mohammed ; Alamri, Abdulfattah ; Bagazi, Sahar ; Muros Le Rouzic, Erwan ; Caugant, Dominique ; Memish, Ziad * **IPNC 2010, International Pathogenic Neisseria Conference, Banff, Alberta, Canada 11th-16th of Sept 2010**
125. Akbar N, Memish ZA, Dashash N, et al. **Dengue fever review Jeddah 1994-2009.** * **8th IEA Eastern Mediterranean regional scientific meeting Nov 25-27 2010 Crowne Plaza Hotel Beirut-Lebanon.**
126. Memish ZA, Akbar N, Fagbo S, et al. **Alkhurma hemorrhagic fever in Jeddah .** * **8th IEA Eastern Mediterranean regional scientific meeting Nov 25-27 2010 Crowne Plaza Hotel Beirut-Lebanon**
127. Hasan M. Al-Dorzi, Raymond Khan, Asgar Rishu, Hanan Balkhy, Salim Baharoon, Tarek Al-Dabbagh, Ziad Memish, and Yaseen Arabi Ventilator Associated Pneumonia Due To Acinetobacter At A Tertiary Care Center: Characteristics And Outcomes Am. J. Respir. Crit. Care Med. 183: A3175. **American Thoracic Society International Conference 2011 May 13-18, 2011, Denver, Colorado, USA**
128. Yaseen Arabi, Nehad Shirawi, Ziad Memish, Abdullah Al-Shimemeri, Sergio Zanotti, Shravan Reddy, Duane Funk, and Anand Kumar. Inappropriate Initial Antimicrobial Therapy In Cirrhotic Patients With Septic Shock Is Associated With A Great Increase In Mortality * **Am. J. Respir. Crit. Care Med. 183: A4691. American Thoracic Society International Conference 2011 May 13-18, 2011, Denver, Colorado, USA**
129. Z. Memish, J. Gleason, N. Abuljadayel, M. Salama. **Tuberculosis Trends in the Kingdom of Saudi Arabia, 2005-2009.** * **15th Annual Conference of the Union - North America Region February 24-26, 2011 Vancouver, British Columbia, Canada**
130. Shibl AM, Memish ZA, Mishkhas A. **Antibiotic resistance and serotype distribution of invasive pneumococcal disease among children <5 years of age between 2005 and 2010 in Kingdom of Saudi Arabia.** * **29th European Society for Paediatric Infectious Disease Hague Netherlands 2011 (ESPID).**
131. I.A. Kabbash, M.A. Al-Mazroa, Z.A. Memish. **Evaluation of syndromic management of sexually transmitted infections in Saudi Arabia.** (Poster 667) **PROCEEDINGS FROM THE 20TH WORLD CONGRESS OF SEXUAL HEALTH GLASGOW, UNITED KINGDOM, JUNE 12–16 2011**
132. Felemban S, Memish ZA, Rao A. **HIV/ADS Trends: Saudi Arabia 2000-2009.** **XiX International AIDS Conference Washington DC, 22-27 July 2012.**
133. D Eibach, R Hakeem, A Kholedi, O Abdalla, ZA Memish. **Mandatory vaccination against Invasive Meningococcal Disease in Mecca and Medina, Kingdom of Saudi Arabia, 2002-2011: Local**

- impact, opportunities for additional prevention at the national level.** European Scientific Conference on Applied Infectious Diseases Epidemiology, Edinbrough, UK Oct 24-26, 2012.
134. Michael Coleman, Mohammed H Al-Zahrani, Marlize Coleman, Janet Hemingway, Abdiasis Omar, Adel Al-Shaikh, Ziad A Memish. **Tools for malaria elimination in the Kingdom of Saudi Arabia.** Challenges in malaria research Basel, Switzerland. 10-12 October 2012.
135. Ziad Memish, Mohamed Saeedi, Bernard Junod, Ali Alwadey, Omer Abid, et al. **Public-Private Partnership: The Saudi National Breast Cancer Screening Story.** Consortium of Universities for Global Health – 2013 Global Health Conference – March 14th to 16th, Washington DC
136. Charissa Borja-Tabora, Cecilia Montalban, Ziad A. Memish, Veronique Bianco, Marie Van der Wielen, Jacqueline M. Miller. **Antibody persistence 4 years after a single dose of a quadrivalent meningococcal ACWY tetanus toxoid conjugate vaccine in adolescents and adults.** CISTM 13 conference, Maastricht, the Netherlands, 19-23 May 2013.
137. Dr Puja Myles, Stella Muthuri, Sudhir Venkatesan, Jo Leonardi-Bee, Jonathan Van-Tam and the PRIDE Research Consortium. **Post-pandemic Review of anti-Influenza Drug Effectiveness (PRIDE Study): An individual patient data (IPD) meta-analysis investigating the impact of antiviral use on patient mortality during the 2009-10 influenza A (H1N1) pdm09 pandemic.** XV International Symposium on Respiratory Viral Infections, Rotterdam, 15th March, 2013
138. Sanaa M Filemban, Fever Majdy, Asha Rao, Yaseer Abdallah, Rafat Al Hakim, Ziad Ahmed Memish. **Syndromic approach of STI case management and treatment strengthening National STI program and HIV prevention efforts in KSA.** STI & AIDS World Congress 2013 in Vienna, a joint meeting of the 20th Meeting of the International Society for Sexually Transmitted Diseases Research (ISSTD), and the 14th World Congress of the International Union against Sexually Transmitted Infections (IUSTI) July 14-17 2013
139. Varghese B, Al-Hajoj S, Alrabiah F, Abouljadayel N , Al-Hakeem RF, Memish ZA. **Emergence of Clinically Relevant Non-Tuberculous Mycobacterial Infections in Saudi Arabia.** ESM 34th Annual Congress of the European Society of Mycobacteriology, Florence Italy 6/30/2013 - 7/3/2013
140. Waleed S. Al Salem, Naomi Dyer, Emily Adams, Mohamed Alzahrani, Ziad Memish, Alvaro Acosta-Serrano. **An epidemiological map of cutaneous leishmaniasis in the Kingdom of Saudi Arabia.** ASTMH Marriotte wardman Park, Washington DC Nov13-17, 2013
141. W Bajhmoum1, Z Memish, B Ali and N Beeching. **Clinical features and epidemiology of HIV and coinfection with TB and/or viral hepatitis in a large clinic in Jeddah, Kingdom of Saudi Arabia.** (Poster 46) Third Joint Conference of the British HIV Association (BHIVA) with the British Association for Sexual Health and HIV (BASHH), Liverpool, UK, 1–4 April 2014
142. W Bajhmoum, N Beeching, A Chawla, A Geretti, M Elsyed, Z Memish and M Hopkins. **Clinical features and epidemiology of HIV and coinfection with TB and/or viral hepatitis in a large clinic in Jeddah, Kingdom of Saudi Arabia.** (Poster 322) Third Joint Conference of the British HIV Association (BHIVA) with the British Association for Sexual Health and HIV (BASHH), Liverpool, UK, 1–4 April 2014
143. Ziad A Memish, Saber Yezli, Malak Almasri, Abdullah Assirri, Abdulhafeez Turkestani, Helen Findlow, Xilian Bai, Stephanie Slater, Ray Borrow. **Meningococcal serogroup A, C, Y and W serum bactericidal antibody profiles in Hajj pilgrims.**

XIXth International Pathogenic Neisseria Conference (IPNC), Sunday, October 12, 2014 - Friday, October 17, 2014 Crowne Plaza Asheville One Resort Drive Asheville, North Carolina 28806 USA

144. M. Alfelali, O. Barasheed, M Tashani, M. Zeem, A.M.Badahdah, H.Bokhary, M.Almasri, J. Alshehri, G.Matbouly, L. Heron, Z. Memish, H.El Bashir, S. Shafi, A. Asghar, G. Khandaker, E. Howarth, R. Booy, H.Rashid. Influenza vaccine and respiratory illness before and after the 2009 pandemic.

The 14th Conference of the ISTM 24-28 May 2015, Quebec City, Canada

145. Charissa Borja-Tabora, Cecilia Montalban, Ziad A. Memish, Dominique Boutriau, Devayani Kolhe, Jacqueline M. Miller, Marie Van der Wielen. ANTIBODY PERSISTENCE 5 YEARS AFTER VACCINATION WITH A QUADRIVALENT MENINGOCOCCAL ACWY TETANUS TOXOID CONJUGATE VACCINE IN HEALTHY ADOLESCENTS AND ADULTS.

The 9th World Congress of the World Society for Pediatric Infection Diseases (Rio de Janeiro, Brazil, 18-21 November 2015).

NATIONAL PRESENTATIONS:

1. **Risk of HIV transmission in healthcare setting.** Global Awareness Day. November 29, 1995. King Fahad National Guard Hospital, Riyadh.
2. **Pulmonary Tuberculosis Approach to Multi-Drug Resistance.** Presented at the International Symposium on Pulmonary Medicine. December 10-12, 1995. King Fahad National Guard Hospital.
3. **Pulmonary Infection in Immuno-compromised Host.** Presented at the International Symposium on Pulmonary Medicine. December 10-12, 1995. King Fahad National Guard Hospital.
4. **HIV and AIDS/Urinary Tract Infections (two lectures).** Primary Health Care Workshop: Riyadh Region, January 1996.
5. **Infection in Kidney Transplant Recipients.** International Nephrology Symposium, King Fahad National Guard Hospital. October 8-10, 1996.
6. **Pulmonary Tuberculosis Approach to Multi Drug resistance.** Presented at the International Symposium on Pulmonary Medicine. December 10-12, 1995. King Fahad National Guard Hospital
7. **Pulmonary Tuberculosis Approach to Multi Drug resistance. Presented at the International Symposium on Pulmonary Medicine.** December 10-12, 1995. King Fahad National Guard Hospital
8. **Pulmonary Infection in immunocompromised host.** Presented at the International Symposium on Pulmonary Medicine. December 10-12, 1995. King Fahad National Guard Hospital
9. **HIV and AIDs/Urinary Tract Infections (two lectures) Primary Health Care Workshop:** Riyadh Region, January 1996.

10. **Infection in Kidney Transplant Recipients.** International Nephrology Symposium, King Fahad National Guard Hospital, October 8-10, 1996.
11. **Arab Board Training Course (Sexually Transmitted Diseases, UTI, Pneumonia),** Dallah Hospital, October 29-30, 1996.
12. **Epidemiology of AIDS and its Prevention in Health Care Setting, Global AIDS Awareness Day,** December 01, 1996. King Fahad National Guard Hospital, Riyadh.
13. **Prevention of Occupational Exposure to Blood Borne Pathogens.** 1st Ministry of Health Saudi Infection Control Nurse Training Course, December 9, 1996-January 15, 1997.
14. **Chain of Infection Training Course to Primary Health Care Resident.** National Guard, May 10, 1997.
15. **Review of Surgical Infections. Lecture for Surgical Residents.** King Fahad National Guard Hospital, June 02, 1997.
16. **Overview of Antibiotics.** Lecture for Surgical Residents, King Fahad National Guard Hospital, June 9, 1997.
17. **Intensive Course in Internal Medicine,** October 25-30, 1997, Dallah Hospital.
18. **TB Preventive Measures: An Outline of a Prospective Nationwide plan.** The first National Symposium on TB. "TB Old and new". Jeddah, Feb. 10-11, 1998
19. **TB Lymphadenopathy.** The First National Symposium on Tuberculosis "TB Old and New", Jeddah, February 10-11, 1998.
20. **TB Peritonitis.** The First National Symposium on Tuberculosis "TB Old and New", Jeddah, February 10-11, 1998
21. **Intensive Course** Part 1 in Obstetrics and Gynecology. February 14-19, 1998, Dallah Hospital, Riyadh.
22. **Management of AIDS Patient.** Workshop on Infectious Diseases, King Faisal University, Dammam on March 11-12, 1998.
23. **Intensive Review Course in Surgery.** Sept. 18-24, 1998. Dallah Hospital, Riyadh.
24. **Intensive Review Course in Internal Medicine.** Oct. 17-22, 1998, Dallah Hospital, Riyadh
25. **The Saudi Preparatory Course Part II for Internal Medicine,** Oct. 24-29, 1998, King Fahad National Guard Hospital, Riyadh
26. **Infection in Solid Organ Transplant Recipients.** New Challenges in Infectious Diseases Symposium, December 7-9, 1998. King Faisal Specialist Hospital, Riyadh.
27. **Infection Control in Dentistry Symposium.** Dec. 15-16, 1998, Riyadh.
28. **Intensive Course in Obstetric and Gynecology.** Feb. 13-19, 1999, Dallah Hospital, Riyadh
29. **Nosocomial Pneumonia.** 2nd International Pulmonary Symposium, Feb. 23-24, 1999.
30. **Hospital Acquired Pneumonia: Pathogenesis, Etiology, Preventive and Treatment.** March 3-4, 1999, King Faisal University Hospital, Dammam.
31. **HIV and STD Interaction:** 3rd International AIDS Symposium in Abha: June 20-23, 1999.
32. **Bioterrorism: The Hospital Response.** 1st Gulf Symposium on Protection against Nuclear, Biological and Chemical Warfare Agents. October 18-20, 1999, Military College of Health Sciences in Dhahran
33. **Preparatory Course in Internal Medicine Written Examination Part II.** King Fahad National Guard Hospital, Post Graduate Training, October 23-28, 1999, Riyadh.

34. **Epidemiology and Prevention of Viral Hepatitis A to E.** Ministry of Health, November-December, 1999.
35. **New Trends in the Epidemiology of HIV Infection.** KFNGH & KKNHG, Riyadh, Jeddah, December 1&5, 1999.
36. **Hospital Infection Control in the Kingdom Requirements for Infrastructure.** 3rd Infectious Disease Update. King Faisal University, College of Medicine, February 16-17, 2000, Al-Khobar.
37. **Antibiotic Cycling.** International Pharmaceutical Care Conference. King Fahad National Guard Hospital, National Guard Officers Club, April 3-5, 2000. Riyadh.
38. **Prevention of Blood Pathogens Infection in Healthcare Workers.** Saudi Board Residency Program, Suleimania Children's Hospital, June 26, 2000, Riyadh.
39. **Emerging Nosocomial Infections.** October 12, 2000. Riyadh Marriott Hotel. Riyadh.
40. **The Saudi Preparatory Course Part II for Internal Medicine.** Oct. 21-26, 2000, King Fahad National Guard Hospital, Riyadh.
41. **Antibiotic Awareness Week.** Oct. 21-25, 2000, King Fahad National Guard Hospital, Riyadh.
42. **Brucellosis Control in Saudi: Prospects and Challenges.** November 4-8, 2000, 2nd Int'l Congress of Arab Society of Chemotherapy, Microbiology and Infectious Diseases (ASCMID), King Fahad National Guard Hospital, Riyadh.
43. **Infection Control in Immunocompromised Host.** 2nd Int'l Congress of Arab Society of Chemotherapy, Microbiology and Infectious Diseases (ASCMID), APIC Course, November 4-8, 2000, King Fahad National Guard Hospital, Riyadh.
44. **Microbiology Overview.** 2nd Int'l Congress of Arab Society of Chemotherapy, Microbiology and Infectious Diseases (ASCMID), APIC Course, November 4-8, 2000, King Fahad National Guard Hospital, Riyadh.
45. **Occupational Health.** National Symposium on Infection Control, March 20-22, 2001. King Saud Hospital, Unaizah.
46. **Tuberculosis: An update.** International Conference on Advanced Medicine. April 24-25, 2001. King Abdulaziz University. Jeddah.
47. **Tuberculosis Prevention. Global TB day celebration.** Prince Salman Social Center (MOH) 24 March 2001.
48. **Pediatric Tuberculosis.** Whats up in Infectious diseases MOH Infectious disease symposium May 16, 2001 Jeddah.
49. **Pediatric Brucellosis.** Whats up in infectious diseases MOH infectious diseases symposium May 16, 2001 Jeddah.
50. **Line Sepsis.** Surgical Grand Rounds. King Faisal Specialist hospital & Research Center, July 11th 2001, Riyadh.
51. **Brucellosis and its prevention.** New Trends in Antibiotics. Specialized Medical Center Hospital. Riyadh, January 10, 2002.
52. **Clinical research as a quality improvement tool.** Workshop on Research Strategies in the Health Care Facilities: Challenges and Opportunities. January 22-23, 2002. Military College of Health Sciences, Dhahran, Saudi Arabia.
53. **Misuse of Antibiotics and Nosocomial Infection.** Update on Antibiotics Use. June 06, 2002. Dallah Hospital. Riyadh.
54. **Traveller Vaccine.** First Annual Childhood Immunization Workshop. September 10-11, 2002. KFSH&RC, Riyadh.

55. **Infectious Complications Post Liver Transplantation.** 7th Saudi Gastroenterology Association Conference. October 1-3, 2002. KFH, Riyadh.
56. **Common Infectious Disease in Primary Health Care.** CME Presentation/Activities. October 6, 2002. KFH, Riyadh.
57. **Brucellosis in Saudi Arabia: The Challenges Ahead.** Hospital Grand round. October 7, 2002. KFH, Riyadh.
58. **Pre Transplant Workup and Prophylaxis.** October 08, 2002, KFH, Riyadh.
59. **Review of infectious diseases.** Intensive Internal Medicine Review Course. October 12-16, 2002. KKNHG, Jeddah.
60. **Infectious diseases review.** The Saudi Board Preparatory Course part II. October 26-31, 2002. KFH, Riyadh.
61. **Catheter-Associated Bloodstream Infection – The EPIC Study.** ICU Rounds. January 13, 2003. KFH, Riyadh.
62. **Drug treatment and summary of management guidelines.** Guidelines for the management of community acquired pneumonia (CAP) in Saudi Arabia-Mini Symposium. Saudi Chest Club. January 27, 2003. Al-Manhal Holiday Inn Hotel, Riyadh.
63. **Overview of Hepatitis.** Health Care Specialty Center CME Presentation. March 16, 2003. KFH, Riyadh.
64. **National Guidelines on the Management of Community Acquired Pneumonia.** Department of Medicine Grand Rounds. March 24, 2003. King Khalid National Guard Hospital, Jeddah.
65. **Surgical Site Infection. 4th Middle East International Symposium on Hospital Sterilization Centers and Hospital Disinfections.** May 25-26, 2003. Armed Forces Hospital, Riyadh.
66. **Methicillin Resistance Staphylococcus aureus (MRSA).** June 18, 2003. Al Mouwasat Hospital, Dhahran.
67. **Saudi CAP guidelines.** Jan 2nd 2004. Saudi Thoracic Society Grand Rounds, Riyadh, KSA
68. **Infection control in KSA.** Basic infection control course KFSH&RC Jeddah 2003
69. **Line sepsis.** Basic infection control course KFSH&RC Jeddah 2003
70. **Preperation for the hajj 2004.** King faisal hospital Mecca 2003
71. **Severe infections in the ICU.** ICU training course. Postgraduate center, Riyadh 2003
72. **Health problems related to hajj.** King Khalid national guard hospital Jan 18, 2004 Jeddah
73. **Gram positive infections.** Infectious Diseases Update. King Faisal Hospital Makkah November 27-28, 2004
74. **Update on Community Acquired Pneumonia.** King Faisal University Hospital. Dec 16-18, 2004 Alkhobar.
75. **Brucellosis:** Update on management. Evidence based symposium. King Abdulaziz Medical City. December 6-8, 2004
76. **Meningococcal Disease and Hajj.** National Hajj Symposium. King Abdulaziz Medical City. December 20-22, 2004 Riyadh
77. **Gulf war Syndrome.** HCSC CME presentation April 30th 2006 KAMC-R
78. **Catheter related BSI.** Infection Control Mini-symposium. Riyadh medical Complex (MOH) May 7th, 2006 Riyadh, KSA
79. **Infection Control Practices in the ICU.** Infection Control Mini-symposium. Riyadh medical Complex (MOH) May 7th, 2006 Riyadh, KSA

80. **GCC Community Acquired Pneumonia Guidelines.** The 4th Annual Saudi Thoracic Society Scientific conference & the 10th Arab Thoracic Association meeting 19-21 Sept 2006, Jeddah, Saudi Arabia
81. **Infection Control in Avian Influenza Pandemic.** Second AI Pandemic preparedness workshop. Marriott Hotel Jan 5-9, 2008, Riyadh, KSA
82. **MERS-COV update.** 2nd Annual advanced symposium of infection prevention and control of HCFs in Makkah region. 7-9 April 2015
83. **MERS-CoV Future directives.** HMG ICU Conference to be held in Riyadh, KSA on 30th & 31st of March 2016.
84. **The Future of Mass Gathering in The Kingdom.** Keynote lecture 12th annual scientific conference of the Saudi Society of Medical Microbiology and Infectious Diseases Jeddah, KSA February 20-22, 2018

HOSPITAL COMMITTEES EXPERIENCE:

Saudi Arabian National Guard Health Affairs & King Fahad National Guard Hospital – Riyadh
Standing Committees:

- 1) 1994 – 2009: Hospital Infection Control Committee (Chairman)
- 2) 2008-2009: Corporate NGHA Infection Control Committee (Chairman)
- 3) 1994 - 2009: Medical Chairmen meeting (Member)
- 4) 1996 – 2009: Department of medicine promotion committee (Member)
- 5) 1996 – Feb 2007: Department of medicine A & E Committee (Member)
- 6) 1997 – 2009: National Guard Health Affairs Research Committee (Member)
- 7) 1998 – 2009: Central Region Pharmacy and Therapeutic Committee (Member)
- 8) 1998 – 2009: (Member 1994-98) Antibiotic Subcommittee (Chairman 1998-present)
- 9) 1998 – 2004: NGHA Total Quality Management committee (Member)
- 10) 1999 – 2009: Corporate National Guard Health Affairs Pharmacy & Therapeutics Committee (Member)
- 11) 2001- 2009: National Guard Soldiers Immunization Implementation Committee (Chair)

- 12) 2003 – 2009: Task Force to review Pre-employment Screening (Chair)
- 13) 2004 – 2007: Patient Safety committee (Member)
- 14) 2005 – 2009: Hospital wide organ transplantation committee (Member)
- 15) 2007 – 2009: Quality & patient safety Council (member)

NATIONAL COMMITTEES EXPERIENCE:

- 1) 1997 – 2009: National Committee on Communicable Disease (Member) Since 2009 (Chair)
- 2) 2009-Present: National Committee for Diabetes (Chair)
- 3) 2010-2011: National Health education Committee (Chair)
- 4) 2010-Present: National hepatitis committee (Chair)
- 5) 2010-Present: National Alkhurma virus control committee (Chair)
- 6) 2009-present: Swine Flu Scientific Committee (Chair)
- 7) 2010-Present: National newborn screening for congenital diseases committee (Chair)
- 8) 1988 – 2009: National TB Control Committee (Member) and since June 2010 (Chair)
- 9) 2000 – 2009: National Immunization Committee (Member) and since 2009 (Chair)
- 10) 2009-Present: International Advisory Board for the Ministry of Health (Member)
- 11) 2010-Present: Executive Board for Ministry of Health (Member)
- 12) 2005 - 2013: Board of infectious diseases at the Saudi Council for Health Care Specialties (Chair)

- 13) 2005 – 2013: ID training subcommittee of the ID board at the Saudi council (Chair)
- 14) 2005 – 2013: ID test committee of the ID board at the Saudi council (Chair)
- 15) 2010-2014: GCC Ministers of Health executive board (Member)
- 16) 2010-2014: National CVS Disease Prevention Committee (Chair)
- 17) 2004 –2013: Board of Directors of the Saudi society of clinical microbiology and infectious diseases (Member)
- 18) 2004-2005 National committee for developing plans for Saudi CDC (Member)
- 19) 2006 – 2009: National Drug formulary review committee Saudi MOH (Member)
- 20) 2007- 2012: President Saudi Society of Public health
- 21) 2008-2009: Saudi FDA Drug Registration Committee (Member)
- 22) 2009-present: Hajj and Umra Preventive Medicine Committee (Chair)
- 23) 1994 – 1998: Board of Internal Medicine at the Saudi council for Medical Specialties (Member)
- 24) 1994 – 1998: Accreditation of hospitals for training in Internal Medicine for the Saudi Board of Internal Medicine (Member)
- 25) 1994 – 1998: Clinical Exam Committee for Internal Medicine at the Saudi Council for Health Specialties (Member)
- 26) 1994 – June 2008: National committee on Drug Registration in the Kingdom of Saudi Arabia (Member)
- 27) 1995 – Present: National Committee on AIDS Prevention in the Kingdom of Saudi Arabia (Member till 2009) & then Chair
- 28) 1998 – 2007: National Infection Control Committee (Member) Since 2009 Chair
- 29) 2010-Present: National CSSD Committee (Chair)

30) 2003 - 2005: National committee on management of Nuclear Disasters (Member)

31) 2000 – 2002: National Rift Valley Fever Scientific Committee (Member)

32) Sept – Nov 2000: National Rift Valley Control Steering Committee (Member)

33) 2003-2004: Taskforce to develop Infectious Diseases program at Saudi Council for Health Specialties (Member)

34) Chair Scientific Committee for selection of National scholars in research for the Crown Prince Excellence Award Sept 2010.

INTERNATIONAL COMMITTEES & SOCIETY MEMBERSHIPS:

- American College of Physicians – American Society of Internal Medicine (ACP-ASIM) (Fellow)
- American College of Physicians Saudi Arabia Chapter Advisory Council (Member Jan 2012- Jan 2013)
- President Saudi Association for Public Health (2009 to April 2012)
- American Society of Microbiology (member)
- Infectious Disease Society of America (Fellow)
- The Society of Healthcare Epidemiology of America (Fellow)
- ☐ Member of the Society membership Committee (1998-2002)
- ☐ Member of the Society External Affairs Committee (1999-2005) & Chair Jan (2007-2009)
- ☐ Member of the nomination committee Jan 2007
- ☐ Member of the Society annual meeting planning committee (2002-2006)

- ☐ Member of the Annual Meeting Abstract subcommittee (2002-2003)
- ☐ Chair of the award subcommittee (2003-2004)
- ☐ Chair of the Annual meeting scientific committee (2004-2005)
- ☐ Member of the Annual meeting abstract committee (2004-2005)
- ☐ Member SHEA Nomination committee 2007-2009
- Association for Professionals in Infection Control and Epidemiology (USA)
- ☐ Member APIC International steering committee 2004-2007
- Member of the Board of Directors of the Certification Board of Infection Control and Epidemiology (CBIC) 2003-2008
- ☐ Member of the test committee
- ☐ Chair of the international testing committee
- Member of the Arab Society of Chemotherapy, Microbiology & Infectious Disease (ASCMID)
- ☐ Member of the WHO Executive Council (representing the Kingdom of Saudi Arabia 2000-2002)
- Member of the Hospital Infection Society (HIS) (2001-2009)
- Member of the International Travel Medicine Society (2002 – 2010)
- ☐ Member of the international organizing committee of its annual meeting New York 2003
- ☐ Member of the ISTM migrant health subcommittee (2005-2006)
- ☐ Board member of the Asia Pacific Travel Medicine Society (2005-2012)
- Member of the International Federation of Infection Control (President of the Riyadh Infection Control Forum which is a member society of IFIC) 1997-2009

- Council Member of the International Society of Infectious Diseases (ISID) (2003-2015) and member of the Executive Council since June 2013 TILL 2018.

Member of the small grant review committee

- Member of the Canadian Infectious Diseases Society (1991 – present)
- Member of the European Society of Clinical Microbiology and Infectious Diseases (1993-present)
- National consultant on Avian influenza EMRO/WHO 2007
- Consultant Joint Commission International Jan 2007
- Member Small Grants Selection committee for Research in Tropical and Communicable Diseases EMRO/WHO April 3-6, 2006 & April 16-18, 2007
- Member WHO Core Group for developing international hand hygiene guidelines Dec 3, 2004 (Geneva, Switzerland)
- Member of the WHO Informal Infection Control Network 2008-2014
- Member of WHO Virtual Interdisciplinary Advisory Board for Mass Gathering 2008-2014
- Member of WHO EMRO Advisory Board on EPI
- Member of GAP framework advisory group WHO HQ 2013-2017
- Member of the WHO Executive Committee May 2013-2016

INVOLVEMENT IN ORGANIZATION OF SYMPOSIA

- Organized the 1st International Symposium of Hospital-Acquired Infection: Current Trends and Control Strategies, May 4-5, 1997
- Member of the Scientific Committee New Challenges in Infectious Diseases Symposium, King Faisal Specialist Hospital & Research Centre (December 7-9, 1998)
- Organized the 2nd International Symposium on Hospital-acquired Infection and hosted the CDC/SHEA Training Course in Hospital Epidemiology at KFNGH, November 4--8, 1999. In collaboration with the Arab Society of Chemotherapy, Microbiology and Infectious Diseases and the International Society of Chemotherapy.

- Organized the 2nd International Congress of the Arab Society of Chemotherapy, Microbiology and Infectious Diseases and the APIC Pre-certification Course/CBIC Exam, November 4-8, 2000 in collaboration with the International Society of Chemotherapy and the International Society of Infectious Diseases and the Executive Office for the Ministers of Health for GCC States.
- Organized the 1st International Conference on Travel Medicine in Saudi Arabia in collaboration with the WHO, and the International Society of Travel Medicine, and followed by an infection control training course in collaboration with SHEA, USA, the 2nd week of April 2002, in the National guard officers club in Riyadh, Saudi Arabia
- Chair, Scientific Committee, Fourth Middle East International Symposium on Hospital CSSD, 25-26, May 2003, Armed Forces Hospital, Riyadh, Saudi Arabia.
- Member of the Scientific committee of the 8th Congress of the International Society of Travel Medicine, New York 2002
- Member of the SHEA annual planning committee from 2002-2006 & Chair of the Scientific Committee of the Annual meeting of the Society of Healthcare Epidemiology of America, 09-12 April, 2005, Los Angeles, USA
- 2003 Member Internal medicine update symposium planning committee, KAMC Riyadh, KSA 2004
- International Scientific advisory board the 5th ECC meeting in Paris Dec 2004
- Organized the first regional infection control meeting in Riyadh in collaboration with APIC, SHEA, ISC, WHO, ESCMID, ASCMID, and CHICA-Canada. May 21-25, 2005 at Saudi National Guard Officers club, Riyadh, KSA
- Organized the International and Middle Eastern Conference on Avian Flu in Riyadh in collaboration with Local Ministries of Health, Hajj, and Agriculture, FAO, WHO, NAMRU3, GCC executive office for Ministers of Health, Custodian of the Two holly mosques Hajj research unit, Saudi national commission for wildlife preservation and development Nov 21-22, 2005 at Saudi National Guard officers club.\
- Member of the scientific committee for the infection control Symposium King Fahad Medical complex, MOH, Riyadh KSA 31st Jan-Feb 1st 2006
- Chair of the scientific/organizing committee of the 3rd Arab health patient safety meeting. Crown Plaza Hotel, Sept 17-19, 2006 Dubai, UAE
- Member of the scientific committee of the 8th European Congress of Chemotherapy and Infection (ECC8) and the 4th European congress on viral diseases (ConVir4) Budapest, Hungary October 25-28, 2006
- Member of the scientific committee of the 1st international meeting on treatment of human brucellosis. Ioannina, Greece Nov 7-10, 2006
- Member of the scientific committee of the Joint International Tropical Medicine meeting 2006 and the 6th Asia Pacific Travel Health Conference (JITMM 2006- 6th APTHC) "Health and Travel in the tropics: An Asian Perspective" 29 November-1 December 2006 Bangkok, Thailand
- Chair of the scientific/organizing committee of the 4th Arab health patient safety meeting/ GCC Infection Control Center. Abu Dhabi Convention Center 2-4, Sept 2007, Abu Dhabi, UAE
- Chair of the 2nd annual meeting of the Saudi Society of Medical Microbiology and Infectious Diseases, Jan 19-20, 2008. National Guard Officers Club, Riyadh, KSA

- Chair of the second regional training course on Avian Influenza Pandemic Preparedness workshop in collaboration with WHO, NAMRU3, CDC, University of Iowa, FAO and OIE, Jan 5-9, 2008 at Marriott hotel Riyadh, KSA
- Chair of the 1st Annual meeting of the Saudi Society of Public Health/3rd GCC Center for IC annual conference May 24-28, 2008 at Intercontinental Hotel, Jeddah, KSA
- Member of the International Advisory Board of the joint meeting of "*9th European Congress of Chemotherapy and Infection (ECC)*" and the "*16th Mediterranean Congress of Chemotherapy (MCC)*" which will be held in Istanbul, Turkey on 8–11 November, 2008
- Member of the International Scientific Board of the second international congress of the central Asia Infectious Diseases, March 27-30, 2008, Kazakhstan.
- Member of the scientific program committee for the International symposium for viral respiratory diseases surveillance hosted by ISIRV Barcelona, Spain Feb 11-13, 2009.
- Member of the international advisory board for the ICC meeting scheduled for June 2009 in Toronto Canada
- Chair of the GCC Swine Flu meeting held in Riyadh May 2009
- Member of the scientific committee of the 5th MEA International symposium on hospital sterilization centers and hospital disinfection. Riyadh Military hospital April 14-15, 2009
- Chair of the Jeddah Consultation meeting for preparation for Umra and Hajj during 2009 pandemic H1N1 season in Hilton Hotel May 2010.
- Chair of the organizing committee of the First Lancet Conference on Mass Gathering Medicine to be held in Hilton Hotel Jeddah Oct 23-25, 2010
- Member of the international advisory board of the 8th IEA Eastern Mediterranean Regional scientific meeting, Beirut, Lebanon Nov 25-27 2010.
- Member of the international advisory board of 12th Western Pacific Congress on Chemotherapy and Infectious Disease in Singapore from 2nd to 5th December 2010
- Member of the scientific program committee of the CISTM 12 Boston, USA May 8-12, 2011 ISTM
- Member of the scientific committee APTHC in Singapore May 2012
- Member of the Scientific committee of the 1st Middle East VACCINE CONGRESS (17-19 November 2011, Abu Dhabi, UAE)
- Member of the local organizing committee first international conference on prevention and infection control Geneva Switzerland June 29-July 2nd 2011.
- Member of the scientific committee ASPETAR Ramadan and football consensus symposium 25-27 November 2011 Doha Qatar.
- Member of the international scientific advisory committee IEA World Congress of Epidemiology 7-11th August 2011 Edinburgh, Scotland.
- Member of the Scientific Committee of The Asia Pacific Travel medicine Conference Scheduled on May 2-5 May 2012 in Singapore.
- Chair of the organizing committee International Conference on Healthy Lifestyles and Noncommunicable Diseases (NCDs) in the Arab World and the Middle East, Riyadh, Kingdom of Saudi Arabia (KSA) 9-12 September 2012.

LANGUAGES:

Arabic and English fluent (spoken, written and comprehension).

