



FACULTY FULL NAME: Aisha Mohammed AlAmri

POSITION: Associate professor, Medical Microbiology, Department of Clinical LabSciences, Imam Abdulrahman Bin Faisal University

Personal Data

Nationality | Saudi
Department | Clinical Laboratory Sciences
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Language Proficiency

Language	Read	Write	Speak
Arabic	excellent	excellent	excellent
English	excellent	excellent	excellent
Others	----		

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
PhD, Microbiology	University of Bristol	Bristol, United Kingdom	2012
MSc, Laboratory Medicine	Arabian Gulf University	Manamah, Bahrain	2007
BSc, Medical Laboratory Technology	King Faisal University	Dammam	1998

PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)

PhD	Factors Affecting Gene Expression Following Horizontal Gene Transfer Studied Using the <i>bla</i> _{IMP-1} Gene Cassette as a Model System
Master	Development of Multiplex PCR for direct detection of <i>Campylobacter</i> spp from stool samples



Fellowship	
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Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work	Date
Associate professor	Department of Clinical Lab Sciences, Imam Abdulrahman Bin Faisal University	2022
Assistant Professor	Department of Clinical Lab Sciences, Imam Abdulrahman Bin Faisal University	2013
Lecturer	Department of Clinical Lab Sciences, Imam Abdulrahman Bin Faisal University	2009
Demonstrator	Department of Clinical Lab Sciences, Imam Abdulrahman Bin Faisal University	2003

Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date
Chairperson, Community service committee	CLS, CAMS, IAU	2023-present
Member, Research and innovation committee	CLS, CAMS, IAU	2023-present
Member, Quality of assessment and Exam committee	CLS, CAMS, IAU	2017-2022
Member, CLS Curriculum Unit	CLS, CAMS, IAU	2018-present
CLS Accreditation unit	CLS, CAMS, IAU	2014-2020
Member, CAMS research committee	CLS, CAMS, IAU	2017-2019
Coordinator, Exam Quality assurance unit, College of applied Medical Sciences	CLS, CAMS, IAU	2013-2014

Scientific Achievements

Published Refereed Scientific Researches

(In Chronological Order Beginning with the Most Recent)

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
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Fadwa Bernawi, Aisha Alamri , Muzaaheed Abdulrasheed, Amani Alnimr	Clinical and epidemiological characteristics of multi-drug resistant <i>Enterobacteriales</i> isolated from King Fahad Hospital of the University, AlKhobar, Saudi Arabia	J Med Life. 2024 Jan;17(1):41-49. doi: 10.25122/jml-2023-0189.
Wala Alkhalifa, Hassan Alhawaj, Aisha Alamri , Fatimah Alturki, Mohammed Alshahrani, Amani Alnimr	Clinical and Microbiological Characteristics of Candidemia Cases in Saudi Arabia	Infect Drug Resist 2023 Jul 10:16:4489-4503. doi: 10.2147/IDR.S411865. eCollection 2023.
Khaled Salama Amani Alnimr Aisha Alamri Mahmoud Radi Bashayer Alshehri Ali A.Rabaan Mohammed Alshahrani	Nano-treatment of HEPA filters in COVID-19 isolation rooms in an academic medical center in Saudi Arabia	Journal of Infection and Public Health Volume 15, Issue 9, September 2022, Pages 937-941
Safiya Al Musawi, Qassim Alkhaleefa, Samia Alnassri, Aisha Alamri , and Amani Alnimr	Eleven-Year Surveillance Methicillin-Resistant <i>Staphylococcus aureus</i> Infection at an Academic Health Centre	Journal of Preventive Medicine and Hygiene 2022 Apr 26;63(1):E132-E138. doi:10.15167/24214248/jpmh2022.63.1.2387. eCollection 2022 Mar.
Omar S. El-Masry, Hussain Abdull Alhawaj, Muaz O. Fagere, Amani Owaidah, Aisha Alamri and Khaldoon Alsamman	Oral intragastric DMBA administration induces acute lymphocytic leukemia and other tumors in male Wistar rats	Journal of Experimental Pharmacology. 2022; 14: 87–96. doi: 10.2147/JEP.S349047
Aisha S. Al Hamdan, Amal A. Alghamdi, Ghada F. Alyousif, Fatma A. Hamza, Marwa M. Shafey, Aisha Alamri , and Abdulaziz A. Sunki	Evaluating the prevalence and the risk factors of Gram-negative multi-drug resistant bacteria in Eastern Saudi Arabia	Infection and Drug Resistance 2022:15 475–490
Aisha Alamri and Suzan AlKhater	Evaluating the knowledge on microbiome and dysbiosis in allergic diseases among medical sciences students in Saudi Arabia	<i>Clin Mol Allergy</i> 20 , 2 (2022). https://doi.org/10.1186/s12948-022-00168-x
Amani Alnimr, Aisha Alamri , Khaled F Salama, Mahmoud Radi, Huda Bukharie, Bashayer Alshehri, Ali A Rabaan and Mohammed Alshahrani.	The Environmental Deposition of Severe Acute Respiratory Syndrome Coronavirus 2 in Nosocomial Settings: Role of the Aerosolized Hydrogen Peroxide	Risk Management and Healthcare Policy 2021:14 4469–4475



Safiya Al Musawi, Qassim Alkhaleefa, Samia Alnassri, Aisha AlAamri and Amani Alnimr.	Predictive Role of Targeted, Active Surveillance Cultures for Detection of Methicillin-Resistant <i>Staphylococcus aureus</i>	Infection and Drug Resistance 2021:14 4757–4764
Bashayer Ali Alshehri, Aisha M. Alamri , Ali A. Rabaan, and Jaffar A. Al-Tawfiq.	Epidemiology of Dermatophytes Isolated from Clinical Samples in a Hospital in Eastern Saudi Arabia: A 20-Year Survey	Journal of Epidemiology and Global Health. 11(4): 405–412 https://doi.org/10.1007/s44197-021-00005-5
Lamya Yamani, Aisha Alamri , Afnan Alsultan, SomayaAlfifi, Mohammad Azam Ansari, Amani Alnimr	Inverse correlation between biofilm production efficiency and antimicrobial resistance in clinical isolates of <i>Pseudomonasaeruginosa</i>	Microb Pathog. 2021 May25;157:104989
Aisha M Alamri	Diversity of Microbial Signatures in Asthmatic Airways	International Journal of General Medicine 2021:14 1367–1378



	Aisha M Alamri , Somayah Alfifi, Yasser Aljehani Amani Alnimr	Whole Genome Sequencing of Ceftolozane- Tazobactam and Ceftazidime-Avibactam Resistant <i>Pseudomonas aeruginosa</i> Isolated from a Blood Stream Infection Reveals VEB and Chromosomal Metallo-Beta Lactamases as Genetic Determinants: A Case Report	Infection and Drug Resistance 2020:13 4215–4222
	Aisha M. Alamri , Afnan A. Alsultan, Mohammad A. Ansari, and Amani M. Alnimr	Biofilm-Formation in Clonally Unrelated Multidrug-Resistant <i>Acinetobacter baumannii</i> Isolates	MDPI, Journal of Pathogens August 2020
	Amani M. Alnimr, and Aisha M. Alamri	Antimicrobial activity of cephalosporine beta-lactamase inhibitor combinations against drug-susceptible and drug-resistant <i>Pseudomonas aeruginosa</i> strains	Journal of Taibah University Medical Sciences April 2020
	Amani Alnimr , Aisha Alamri , and Afnan Alsultan	Genetic Diversity of Imipenem-Resistant <i>Acinetobacter baumannii</i> Infections at an Intensive Care Unit	Hindawi, Critical Care Research and Practice Volume 2020, Article ID 3290316
	Aisha M. AlAmri , Ameerah M. AlQurayan, Tunny Sebastian, Amani M. AlNimr	Molecular Surveillance of Multidrug-Resistant <i>Acinetobacter baumannii</i>	Current Microbiology (2020) 77:335–342
	Aisha AlAmri	Integron in Gram Negative bacteria: Classes and fitness cost	Asian Journal of Medical Sciences 8, 1-4, 2017
	Aisha AlAmri	Typhoid Fever: Pathogenesis, Epidemiology and Laboratory diagnosis.	Journal of Disease and Global Health 10 (4), 99-110, 2017
	Aisha Al Amri , Abiola C. Senok, Abdulrahman Yusuf Ismaeel, Ali E. Al-Mahmeed and Giuseppe A. Botta..	Multiplex PCR for direct identification of <i>Campylobacter</i> spp. in human and chicken stools	J Med Microbio, vol. 56, no. 10, 2007

Completed Research Projects

#	Name of Investigator(s) (Supported by)	Research Title	Report Date
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#	Research Title	Name of Investigator(s)
1	Characterization of multiple-drug resistant Gram negative organisms	Aisha AlAmri Amani AlNemer
2	Assessment of Biofilm Production among <i>Acinetobacter baumannii</i> strains	Mohammed Ansari Aisha AlAmri Amani AlNemer
3	ERIC-genotyping of XDR <i>Acinetobacter baumannii</i> isolated in King Fahad Hospital of the University	Amani AlNemer Afnan AlSultan Aisha AlAmri
4	Prevalence and characterization of Dermatophytes species using molecular diagnostic approach	Bashayer AlShehri Aisha AlAmri Ali AlRabaan
6	Analysis of Clarithromycin resistance gene and Virulence genes among <i>Helicobacter pylori</i> extracted from gastric biopsies	Aisha AlAmri Khalid AlKarsah Reem AlJindan Amer AlOmar
8	The effect of probiotic consumption on glycemic and inflammatory markers and body composition of patients with type 2 diabetes mellitus. A double-blinded randomized controlled trial	Yasmeen AlJindan Lamya Yamani Aisha AlAmri
9	Microbiological and Immunological factors contributing to Asthma in children	Aisha AlAmri Suzan Alkhater Lamya Yamani Afnan AlSultan

Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
1	CAMS research day 2024	Imam Abdulrahman bin Faisal University 15 October 2024	Moderator
2	MENA microbiome Conference	Qatar 28-29 September 2024	Attendance
3	Opportunities and challenges in antimicrobial resistance symposium	King Fahad Specialist Hospital Dammam 7 th of December	Attendance
4	Social Responsibility Bank workshop	Imam Abdulrahman bin Faisal University	Attendance
5	British Society of antimicrobial chemotherapy (BSAC) conference	online conference Feb 6-7-2024	Attendance
6	GCCMMID, Medical Microbiology and	Bahrain 29 Nov-2 December 5, 2023	Attendance



	Infectious diseases conference		
7	Microbiome and one health	King Abdullah university for Science and Technology (KAUST) 30 Oct-1 Nov 2023	Attendance
8	11 th international conference on Tropical Medicine and infectious diseases	Virtual conference, London, UK 7-8 Feb. 2022	Invited Speaker
9	Preventing Faculty Burnout: Recover the Joy of Teaching	Deanship of Academic Development at IAU 23 Nov 2021	Attendance
10	Saudi International Antimicrobial Congress	Virtual Conference 28-29 September 2021	Attendance
11	Antimicrobial resistance summit	Novotel World Trade Centre Dubai 7-9, Nov 2019	Attendance
12	Students and Faculty Research Day	Prince Sultan Military college for health sciences 18 September 2019	Invited speaker
13	Finnish Education Success in Entrepreneurship and Innovations	Deanship of academic development (IAU) 12 Nov. 2018	Attendance
14	Project-Based Learning in Higher Education Implementing Project-Based Learning in Higher Education.	Deanship of academic development (IAU) 14-15 Nov. 2018	Attendance
15	Basic Molecular Diagnostic techniques; from Theory to Bench	Prince Sultan Military college for health sciences 16 October 2018	Attendance
16	Anti-Microbial Resistance Summit	Sofitel-Dubai down town 2017	Attendance
17	26 th Annual Scientific Meeting in Internal Medicine on Infectious Diseases and Infection Control	King Fahd Hospital of the University 2016	Attendance
18	Communication skills for academic professor	Deanship of education development, UOD	Attendance



19	Hot topics in Molecular research and techniques	University of Dammam, 2014	Chairperson, Scientific committee
20	Essential Skills in Health Professions Education(ESHPE) Course Curriculum Development	University of Dammam, 2014	Attendance
21	Essential Skills in Health Professions Education(ESHPE) Course Assessment techniques	University of Dammam, 2013	Attendance
22	Essential Skills in Health Professions Education(ESHPE) Course Teaching and Learning	University of Dammam, 2013	Attendance

Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Diagnostic Microbiology Rotation	MLT421	4 lectures (2 nd term, 23-24)
2	Virology	MLT323	15 Lectures (2 nd term, 23-24)
3	Clinical Microbiology	MLT314	4 lectures (1 st term, 23-24)
4	Diagnostic Microbiology Rotation	MLT421	4 lectures (2 nd term, 22-23)
5	Virology	MLT323	10 Lectures (2 nd term, 22-23)
6	Clinical Microbiology	MLT314	5 lectures (1 st term, 22-23)
7	Diagnostic Microbiology Rotation	MLT421	4 lectures (2 nd term, 21-22)
8	Virology	MLT323	4 Lectures (2 nd term, 21-22)
9	Clinical Microbiology	MLT314	15 lectures (1 st term, 21-22)
10	Diagnostic Microbiology Rotation	MLT421	4 lectures (2 nd term, 20-21)
11	Virology	MLT323	4 Lectures (2 nd term, 20-21)
12	Clinical Microbiology	MLT314	15 lectures (1 st term, 20-21)
13	Microbiology and infection control	Ctech212	3 lectures (1 st term, 20-21)
14	Microbiology and parasitology	Nutr214	9 lectures (1 st term, 20-21)
15	Introduction to Microbiology	MLT211	2 lectures (1 st term, 20-21)
16	Diagnostic Microbiology Rotation	MLT421	4 lectures (2 nd term, 19-20)
17	Virology	MLT323	4 Lectures (2 nd term, 19-20)
18	Clinical Microbiology	MLT314	15 lectures (1 st term, 19-20)



19	Microbiology and infection control	Ctech212	3 lectures (1 st term, 19-20)
20	Microbiology and parasitology	Nutr214	9 lectures (1 st term, 19-20)
21	Introduction to Microbiology	MLT211	2 lectures (1 st term, 19-20)
22	Diagnostic Microbiology Rotation	MLT421	4 lectures (2 nd term, 18-19)
23	Virology	MLT323	4 Lectures (2 nd term, 18-19)
24	Clinical Microbiology	MLT314	15 lectures (1 st term, 18-19)
25	Microbiology and infection control	Ctech212	3 lectures (1 st term, 18-19)
26	Microbiology and parasitology	Nutr214	9 lectures (1 st term, 18-19)
27	Introduction to Microbiology	MLT211	2 lectures (1 st term, 18-19)
28	Diagnostic Microbiology Rotation	MLT421	4 lectures (2 nd term, 17-18)
29	Virology	MLT323	4 lectures (2 nd term, 17-18)
30	Clinical Microbiology	MLT314	15 lectures (1 st term, 17-18)
31	Immunology and serology	MLT311	6 lectures (1 st term, 16-17)
32	Microbiology and infection control	Ctech212	10 lectures (1 st term, 16-17)
33	Clinical Microbiology	MLT 314	20 lectures, 25 laboratories (1 st term, 16-17)
34	Diagnostic microbiology	MLT421	4 lectures (2 nd term, 15-16)
35	Virology	MLT323	7 lectures, 3 laboratories (2 nd term 15-16)
36	Immunology and serology	MLT311	6 lectures (1 st term, 15-16)
37	Clinical Microbiology	MLT314	10 lectures, 10 laboratories (1 st term, 15-16)
38	virology	MLT323	7 lectures (2 nd term, 14-15)
39	Diagnostic microbiology	MLT421	4 lectures (2 nd term, 14-15)
40	Clinical Microbiology	MLT 314	15 lectures (1 st term, 14-15)
41	Diagnostic microbiology	MLT421	4 lectures (2 nd term, 13-14)
42	Virology	MLT323	7 lectures (2 nd term, 13-14)
43	Clinical Microbiology	MLT314	20 Lecture (1 st term, 13-14)
44	Diagnostic microbiology	MLT421	3 lectures (2 nd term, 12-13)
45	Parasitology	MLT322	6 lectures (2 nd term, 12-13)
45	Virology	MLT323	6 lectures (2 nd term, 12-13)
46	Microbiology and parasitology	Nutr214	5 lectures (1 st term, 12-13)
47	Introduction to Microbiology	MLT211	2 lectures (1 st term, 12-13)

Postgraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Principles of Microbiology	CLS 706	10 Lectures/tutorials (2021-2024)
2	Advanced Clinical Microbiology	CLS 710	10 Lectures/tutorials (2021-2024)



3	Diagnostic microbiology and parasitology	MLT833	10 lectures (1 st term, 2014-2019)
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Course Coordination

#	Course Title and Code	Coordinati on	Co-coordination	Undergr ad.	Postgrad .	From	To
1	Clinical Microbiology MLT314	√		√		2015	2020
6	Virology MLT323	√		√		2015	2024
8	Immunology and Serology MLT311	√		√		2015	2017
9	Clinical Immunology MLT423	√		√		2015	2017

Student Academic Supervision and Mentoring

#	Level	Number of Students	From	To
	year 4 Undergraduate, Research Project	12	2015	2021

Supervision of Master and/or PhD Thesis

#	Degree Type	Title	Institution	Date
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1	MSc	Candida virulence	CLS, IAU	2024
2	MSc	Colistin Resistance in MDR Enterobacteriaceae	CLS, IAU	2022
3	MSc	CRE Enterobacteriaceae	CLS, IAU	2020
4	MSc	MDR <i>Pseudomonas aeruginosa</i>	CLS, IAU	2018
5	MSc	MDR <i>Acinetobacter baumannii</i>	CLS, IAU	2017
6	MSc	Diagnosis of Dermatophytes	CLS, IAU	2017

Administrative Responsibilities, Committee and Community Service (Beginning with the most recent)

1	2024	Towards a sustainable future for antibiotics	Online
2	2024	Non-living microbes 2	Imam Abdulrahman Bin Faisal University
3	2024	We rise as much as we give 1	Imam Abdulrahman Bin Faisal University
4	2023	World MRSA Day	Imam Abdulrahman Bin Faisal University
5	2023	Infection Prevention week	Imam Abdulrahman Bin Faisal University
6	2023	Non-living microbes	Imam Abdulrahman Bin Faisal University
7	2022	What does sugar do to body chemistry?	Online
8	2022	Beneficial bacteria are our hidden friends	Imam Abdulrahman Bin Faisal University
9	2021	A tour in the world of microbes	Online
10	2019	What do you know about viral infections?	Imam Abdulrahman Bin Faisal University
11	2018	Antibiotics, When and How do we use them?	The 13 th primary school, Khobar
12	2015	The smart use of Antibiotics	King Fahad Hospital of the University



Personal Key Competencies and Skills: (Computer, Information technology, technical, etc.

1	Computer and IT skills
2	Bioinformatics software

Last Update

...15/10/2024

