



FACULTY FULL NAME:

POSITION: Assistant Professor of Medical Microbiology

Personal Data

Nationality | Saudi

Department | Clinical Lab. Sciences

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Office Phone No. | 31355

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
25/09/2012	PhD Microbiology and Pathology	University of Bristol	United Kingdom
18/01/2007	MSc Laboratory Medicine	Arabian Gulf University	Bahrain
24/12/1997	BSc Clinical Laboratory Sciences (Formerly Medical Laboratory technology)	Imam Abdulrahman Bin Faisal University (King Faisal University formerly)	Saudi Arabia

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		



Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work		Date
Assistant Professor	Medical Microbiology/Clinical Laboratory Medicine	Imam Abdulrahman Bin Faisal University	2012 Present
Lecturer	Medical Microbiology/Clinical Laboratory Medicine	Imam Abdulrahman Bin Faisal University	2010 2012
Demonstrator	Medical Microbiology/Clinical Laboratory Medicine	Imam Abdulrahman Bin Faisal University	2002 2010

Scientific Achievements

Published Refereed Scientific Research

(In Chronological Order Beginning with the Most Recent)

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
1	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
2	Safiya Al Musawi, Qassim Alkhaleefa, Samia Alnassri, Aisha AlAmri, and Amani Alnimr	Eleven-Year Surveillance Methicillin-Resistant <i>Staphylococcus aureus</i> Infections 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.
3	Omar S. El-Masry, Hussain Abdullal Alhawaj, Muaz O. Fagere, Amani Y. Owaidah, Aisha AlAmri and Khalid 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
4	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



5	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
6	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
7	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
8	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/s4197-021-00005-5
9	Lamya Yamani, Aisha Alamri , Afnan Alsultan, Somaya Alfifi, Mohammad Azam Ansari, Amani Alnimr	Inverse correlation between biofilm production efficiency and antimicrobial resistance in clinical isolates of <i>Pseudomonas aeruginosa</i>	Microb Pathog. 2021 May 25;157:104989
10	Aisha M Alamri	Diversity of Microbial Signatures in Asthmatic Airways	International Journal of General Medicine 2021:14 1367–1378
11	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	Pathogens 2020, 9, 630; doi:10.3390/pathogens9080630
12	Aisha AlAmri , Somayah Alfifi, Yasser Aljehani and 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
13	Amani Alnimr, Aisha AlAmri , and Afnan Alsultan	Genetic Diversity of Imipenem-Resistant <i>Acinetobacter</i>	Critical Care Research and Practice Volume 2020, Article ID 3290316, 6 pages



		baumannii Infections at an Intensive Care Unit	https://doi.org/10.1155/2020/3290316
14	Aisha AlAmri, Ameerah M. AlQurayan, Tunny Sebastian, and Amani M. AlNimr	Molecular Surveillance of Multidrug-Resistant <i>Acinetobacter Baumannii</i>	Current Microbiology (2020) 77:335–342 https://doi.org/10.1007/s00284-019-01836-z
15	Aisha AlAmri	Integron in Gram negative bacteria: Classes and fitness cost	Asian Journal of Medical Sciences Vol. 8 No. 6 (2017)
16	Aisha AlAmri	Typhoid Fever: Pathogenesis, Epidemiology and Laboratory Diagnosis	Journal of Disease and Global Health 10(4): 99-110, 2017

Refereed Scientific Research Papers Accepted for Publication

#	Name of Investigator(s)	Research Title	Journal	Acceptance Date
	Khaled R. Alkharsah, Reem Y. Aljindan, Aisha M. Alamri, PhD, Amer I. Alomar, Abdulaziz A. Al-Quorain.	Molecular Characterization of H. pylori Clinical Isolates from Eastern Saudi Arabia	Saudi Medical Journal	30-08-2022

Completed Research Projects

#	Name of Investigator(s) (Supported by)	Research Title	Report Date
	Wala AlKhalifa, Amani Alnimr, Aisha Alamri, Mohammed AlShahrani and Fatima AlTurki. Funded Project Co-investigator	Direct MALDI-TOF identification and antifungal susceptibility testing of invasive Candida species	June 2022
	Aisha AlAmri, Amani Alnimr and Mohammed Ansari. Non-funded project Principal investigator	Detection of Biofilm production among a range of Multiple Drug Resistant Gram-negative bacteria	Jan 2021



Current Research

#	Research Title	Name of Investigator(s)
1	Detection of asymptomatic Leishmania donovani infection among migrant workers in eastern region, Saudi Arabia. Non-Funded Project. December 2021 Co-investigator	Abas Elfadil, Aisha Alamri , Afnan AlSultan, Sara Almousa, Elbasheer, Mudathir, Mohammed Hafiz.
2	Comparative genomics of nasal Microbiota and the assessment of nasal cytokines in asthmatic and healthy children. Funded Project, Feb 2021 Principal investigator	Aisha Alamri , Suzan AlKhatir, Afnan AlSultan, Lama Yamani and Nora AlJindan
3	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 Funded-Project. March 2019 Co-investigator	Razan AlQarni, Yasmeeen AlGindan, Aisha AlAmri and Lamya Yamani.

Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
1	11 th international conference on Tropical Medicine and infectious diseases	Virtual conference, London, UK 7-8 Feb. 2022	Invited Speaker
2	Preventing Faculty Burnout: Recover the Joy of Teaching	Deanship of Academic Development at IAU 23 Nov 2021	Attendance
3	Saudi International Antimicrobial Congress	Virtual Conference 28-29 September 2021	Attendance
4	Antimicrobial resistance summit	Novotel World Trade Centre Dubai 7-9, Nov 2019	Attendance
5	Students and Faculty Research Day	Prince Sultan Military college for health sciences 18 September 2019	Invited speaker
6	Finnish Education Success in Entrepreneurship and Innovations	Deanship of academic development (IAU) 12 Nov. 2018	Attendance
7	Project-Based Learning in Higher Education Implementing Project-Based Learning in Higher Education.	Deanship of academic development (IAU) 14-15 Nov. 2018	Attendance



8	<i>Basic Molecular Diagnostic techniques; from Theory to Bench</i>	Prince Sultan Military college for health sciences 16 October 2018	Attendance
9	Anti-Microbial Resistance Summit	Sofitel, Dubai, UAE downtown 27 October 2017	Attendance
10	26th Annual Scientific Meeting in Internal Medicine on Infectious Diseases and Infection Control	King Fahd Hospital of the University 2-3 Dec, 2015	Attendance
11	1 st Respiratory care (RC) students' Research Project Poster Presentations	College of Applied Medical Sciences, RC department 4 June 2015	Assessor
12	Update in Infectious Diseases Symposium	Saad Specialist Hospital Conference Center Auditorium Alkhobar, 29, April 2015	Attendance
13	Communication skills for academic professor	Deanship of education development, IAU 4-6 May 2015	Attendance
14	Hot topics in Molecular research and techniques	Imam Abdulrahman Bin Faisal University 26 October 2014	Organizer and Chairperson, Scientific committee
15	Mawhiba Projects abstracts arbitration (<i>Organized by King Abdulaziz and his Companions Foundation for Giftedness and Creativity "Mawhiba"</i>)	Feb 6, 2014, Dhahran, Saudi Arabia	Arbitrator
16	Essential Skills in Health Professions Education (ESHPE) Course: Curriculum Development	Department of Medical education, King Fahad Hospital of the University 16–18 March 2014	Attendance
17	Essential Skills in Health Professions Education (ESHPE) Course: Assessment techniques	Department of Medical education, King Fahad Hospital of the University 3-5 December 2013	Attendance
18	2 nd Update in Laboratory Medicine	King Fahad Hospital of The University, AlKhobar 23-24 April 2013	Attendance
19	Before the start of Clinical research on Humans in KSA	Imam Abdulrahman Bin Faisal University 22 April 2013	Attendance
20	6th STUDENTS' RESEARCH DAY	College of Applied Medical Sciences, IAU 16 April 2013	Attendance
21	Essential Skills in Health Professions Education (ESHPE) Course: Teaching and Learning	Department of Medical education, King Fahad Hospital of the University 12-14 May 2013	Attendance



22	Teaching Skills in the 21st Century workshop, organized by the Deanship of academic development (IAU) and <i>Nanyang Technological University (Singapore)</i>	Deanship of academic development (IAU) 17-20 Feb 2013	Attendance
23	Bristol Microbiology Forum	Bristol University, 2011	Attendance
24	Methods to Study Gene Expression	Bristol University, 2010	Attendance
25	Basic statistical analysis	Bristol University, 2010	Attendance
26	Designing primers for RT-PCR	Bristol University, 2009	Attendance

Membership of Scientific and Professional Societies and Organizations

- American Society for Microbiology (ASM)
- British Society for antimicrobial chemotherapy (BSAC)

Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Research Project	MLT424	(2 nd term, 21-22)
2	Virology	MLT323	(2 nd term, 21-22)
3	Diagnostic Microbiology	MLT421	(2 nd term, 21-22)
4	Clinical Microbiology II	MLT314	Course Coordinator and Primary Instructor (1 st term, 21-22)
5	Introduction to Microbiology	MLT211	(1 st term, 21-22)
6	Research Project	MLT424	(2 nd term, 20-21)
7	Virology	MLT323	Course Coordinator and Primary Instructor (2 nd term, 20-21)
8	Diagnostic Microbiology	MLT421	(2 nd term, 20-21)
9	Clinical Microbiology II	MLT314	Course Coordinator and Primary Instructor (1 st term, 20-21)
10	Microbiology and infection control	Ctech212	(1 st term, 20-21)
11	Microbiology and parasitology	Nutr214	(1 st term, 20-21)
12	Introduction to Microbiology	MLT211	(1 st term, 20-21)
13	Research Project	MLT424	(2 nd term, 19-20)
14	Virology	MLT323	Course Coordinator and Primary Instructor (2 nd term, 19-20)



15	Diagnostic Microbiology	MLT421	(2 nd term, 19-20)
16	Clinical Microbiology II	MLT314	Course Coordinator and Primary Instructor (1 st term, 19-20)
17	Microbiology and infection control	Ctech212	3 lectures (1 st term, 19-20)
18	Microbiology and parasitology	Nutr214	9 lectures (1 st term, 19-20)
19	Introduction to Microbiology	MLT211	2 lectures (1 st term, 19-20)
20	Research Project	MLT424	Graduation project supervisor (2 nd term, 18-19)
21	Diagnostic Microbiology Rotation	MLT421	4 lectures (2 nd term, 18-19)
22	Virology	MLT323	Course Coordinator and Primary Instructor 4 Lectures (2 nd term, 18-19)
23	Clinical Microbiology II	MLT314	Course Coordinator 15 lectures (1 st term, 18-19)
24	Microbiology and infection control	Ctech212	3 lectures (1 st term, 18-19)
25	Microbiology and parasitology	Nutr214	9 lectures (1 st term, 18-19)
26	Introduction to Microbiology	MLT211	2 lectures (1 st term, 18-19)
27	Research Project	MLT424	Graduation project supervisor (2 nd term, 17-18)
28	Diagnostic Microbiology Rotation	MLT421	4 lectures (2 nd term, 17-18)
29	Virology	MLT323	Course Coordinator and Primary Instructor 4 lectures (2 nd term, 17-18)
30	Clinical Microbiology II	MLT314	Course Coordinator 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 II	MLT 314	Course Coordinator and Primary Instructor 20 lectures, 25 laboratories (1 st term, 16-17)
34	Research Project	MLT424	Graduation project supervisor (2 nd term, 15-16)
35	Diagnostic microbiology	MLT421	4 lectures (2 nd term, 15-16)
36	Virology	MLT323	7 lectures, 3 laboratories (2 nd term 15-16)
37	Immunology and serology	MLT311	6 lectures (1 st term, 15-16)
38	Clinical Microbiology	MLT314	Course Coordinator and Primary Instructor 10 lectures, 10 laboratories (1 st term, 15-16)
39	Diagnostic microbiology	MLT421	4 lectures (2 nd term, 14-15)
40	Virology	MLT323	7 lectures (2 nd term, 14-15)
41	Clinical Microbiology	MLT 314	Course Coordinator and Primary Instructor 15 lectures (1 st term, 14-15)
42	Diagnostic microbiology	MLT421	4 lectures (2 nd term, 13-14)
43	Virology	MLT323	7 lectures (2 nd term, 13-14)
44	Clinical Microbiology	MLT314	Course Coordinator and Primary Instructor (1 st term, 13-14)
45	Diagnostic microbiology	MLT421	3 lectures (2 nd term, 12-13)
46	Parasitology	MLT322	6 lectures (2 nd term, 12-13)
47	Virology	MLT323	6 lectures (2 nd term, 12-13)
48	Microbiology and parasitology	Nutr214	5 lectures (1 st term, 12-13)



49	Introduction to Microbiology	MLT211	2 lectures (1 st term, 12-13)
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Postgraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Advanced Clinical Microbiology CLS710, (2 nd term, 21-22), 30 lectures and tutorials		
2	Medical Virology CLS709 (2 nd term, 21-22), 2 lectures		
3	Principles of Microbiology (1 st term, 21-22), 6 lectures		
4	Invited speaker to teach medical residents and fellows in the Microbiology Fellowship Program (Advanced Clinical Microbiology Rotations I and II), College of Medicine in 5/4/2016, 2/5/2020, 24/2/2021		
5	Internal Examiner, Master program in Clinical Laboratory Sciences (MLT841). Thesis title: Detection of Shiga Toxin Producing <i>Escherichia coli</i> O157:H7 by using Immunomagnetic Separation and PCR in Imported Frozen Beef Marketed in Eastern Province of Saudi Arabia. Submitted by MSc student Ahlam AlMulhim on 13 April 2020		
6	Microbiology MLT833 (1 st term, 19-20) 6 lectures		
7	Microbiology MLT833 (1 st term, 18-19) 6 lectures		
8	External Examiner, Microbiology Fellowship Program (Dissertation MDMB 0405-843), College of Medicine. Thesis title: Phenotypic and Genotypic characterization of carbapenem-resistant Enterobacteriaceae. Submitted by Dr Safiya Al Musawi on 6 December 2018.		
9	Internal Examiner, Master Program in Clinical Laboratory Sciences (MLT841). Thesis title: Prevalence of metallo β -lactamase producing <i>Pseudomonas aeruginosa</i> in Eastern Province of Saudi Arabia. Submitted by MSc student Ahmed Al-Buloshi on 3 June 2018.		
10	Internal Examiner, Master program in Clinical Laboratory Sciences (MLT841). Thesis title: Characterization of Uropathogenic <i>Escherichia coli</i> in Eastern Province of Saudi Arabia. Submitted by MSc student Mohammad Abusuliman on 4 June 2018.		
11	Microbiology MLT833 (1 st term, 17-18) 6 lectures		
12	External Examiner, Microbiology Fellowship Program (Dissertation MDMB 0405-843), College of Medicine. Thesis title: Detection of Fluoroquinolone Resistance and Estimation of Reduced Ciprofloxacin Susceptibility among Salmonella Isolates. Submitted by Dr. Mawahib Hussein Alhuwaidi on 5 October 2017.		
13	Microbiology MLT833 (1 st term, 16-17) 6 lectures		
14	Microbiology MLT833 (1 st term, 15-16) 6 lectures		
15	Microbiology MLT833 (1 st term, 14-15) 6 lectures		
16	Microbiology MLT833 (1 st term, 13-14) 6 lectures		
17	Microbiology MLT833 (1 st term, 12-13) 6 lectures		

Supervision of Master and/or PhD Thesis

#	Degree Type	Title	Institution	Date
1	MSc: Ameera Alquraian, Dept. Clinical Lab Sciences, Feb., 2018			
2	MSc: Bashayer Alshehri, Dept. Clinical Lab Sciences, Feb., 2018			
3	MSc: Somaya Alfifi, Dept. Clinical Lab Sciences, September 2019			



Ongoing Research Supervision

#	Degree Type	Title	Institution	Date
1	MSc Fadwa Bernawi, Dept. Clinical Lab Sciences, Feb., 2020-present			
2	MSc Bayan Alamri Dept. Clinical Lab Sciences, Feb., 2020-present			

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

Administrative Responsibilities

#	From	To	Position	Organization
1	Feb 2020	August 2020	Member of the Consultancy Team for Prince Sultan college for Medical Sciences (PSMC) accreditation review.	Imam Abdulrahman Bin Faisal University
2	March 2014		External assessor for Quality assessment of private University Education (Mohammed Al-Mana College for Medical Sciences, Dammam)	Ministry of Education
3	March 2014		External assessor for Quality assessment of private University Education (AlGhad international colleges for Applied Medical Sciences, Dammam)	Ministry of Education
4	May 2017		External assessor for Quality assessment of private University Education (Mohammed Al-Mana College for Medical Sciences, Dammam)	Ministry of Education
5	May 2017		External assessor for Quality assessment of private University Education (AlGhad international colleges for Applied Medical Sciences, Dammam)	Ministry of Education



6	Feb 2018	May 2018	Mentor in the FACULTY MENTORSHIP CERTIFICATION PROGRAM (FMCP)	Deanship of Academic development, IAU
7	Feb 2020	May 2020	Mentor in the FACULTY MENTORSHIP CERTIFICATION PROGRAM (FMCP)	Deanship of Academic development, IAU
8	Feb 2022	May 2022.	Mentor in the FACULTY MENTORSHIP CERTIFICATION PROGRAM (FMCP)	Deanship of Academic development, IAU

Committee Membership

#	From	To	Position	Organization
1	Jan 2022	to present	Member	CLS, Postgrad Studies accreditation committee
2	2014	2021	Member	CLS, Quality of Assessments and Examination committee.
3	2014	Present	Member	CLS, team of excellence (accreditation) committee.
4	2018	Present	Member	CLS, Curriculum committee.
5	2017	2019	Member	CAMS research day committee.

Volunteer Work

#	From	To	Type of Volunteer	Organization
1	18/Nov/2015		The smart use of antibiotics, an awareness campaign at King Fahad Hospital of the University targeting the patients attending the outpatient clinics	CLS, IAU
2	19 Dec 2017		'Enjoy Microbiology'' an interactive session and exhibition about some interesting facts related to	CLS, IAU



			microorganisms conducted at the dept. of Clinical Laboratory Sciences	
3	27 March 2018		What do you know about respiratory infections? An educational campaign for IAU students conducted on 27 March 2018 for College of Applied Medical Sciences students	CLS, IAU
4	05 March 2019.		What do you know about viral infections? An educational campaign for IAU students	
5	17 Feb 2018		Antibiotics! When and How to use them? an awareness campaign conducted on 17 Feb 2018 targeting teachers and parents of special educational needs children attending the 13 th primary school at AlKhubar. المضادات الحيوية! متى وكيف نستخدمها؟	CLS, IAU
6	on 02 April 2019		What does my hand hide? An educational campaign and a practical workshop executed for 6 th grade students in the 13 th primary school at AlKhubar. ماذا تخفي يدي من الجراثيم؟	CLS, IAU
7	25 March 2021		A tour in the Microbes world! An interactive educational, online presentations conducted on for 5th and 6th grade	CLS, IAU



			children of Tarbiyah Alahliya primary school at Alkhobar جولة في عالم الميكروبات!	
8	26 October 2021		What does sugar do to my body chemistries? An educational campaign conducted on Grade 6 students at AlTarbiyah Alahliyah Primary School, AlKhobar. ماذا يفعل السكر في كيمياء جسمي؟	CLS, IAU
9	30 March 2022		The good bacteria, our hidden friends! An educational campaign conducted on Grade 6 students at AlTarbiyah Alahliyah Primary School, AlKhobar. البكتيريا المفيدة صديقتنا الخفية	CLS, IAU

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

1	Basic bioinformatics
2	Information Technology

Last Update

...11.../...09.../2022

