



# Prof. Nasreldin Elhadi

**POSITION:** Professor

## Personal Data

Nationality | Sudan

Department | Clinical Laboratory Science/College of Applied Medical Sciences

Official IAU Email | nmohammed@iau.edu.sa

Office Phone No. | +966 1333 31250

## Language Proficiency

Language	Read	Write	Speak
Arabic	Excellent	Excellent	Excellent
English	Very good	Very good	Very good

## Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
13 June 2002	Ph.D. in Molecular Microbiology	Malaysia	University Putra Malaysia, Serdang, Malaysia
2 <sup>nd</sup> August, 1999	MSc. in Molecular Microbiology	Malaysia	University Putra Malaysia, Serdang, Malaysia
21 <sup>st</sup> January 1997	BSc (Special) in Microbiology	India	Gujarat University, Ahmedabad, India

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

PhD	Prevalence of pathogenic <i>Vibrio</i> spp., growth survival and molecular characterization of <i>Vibrio cholerae</i> serotype O1, O139 and non-O1/O139 isolated in Malaysia
Master	Isolation & molecular characterization of <i>Vibrio vulnificus</i> & <i>Vibrio parahaemolyticus</i>



**Professional Record: (Beginning with the most recent)**

Job Rank	Place and Address of Work	Date
Professor	Department of Clinical Laboratory Science, College of Applied Medical Sciences, Imam Abdulrahman Bin Faisal University ( <b>IAU</b> ), Dammam, (formerly University of Dammam), Dammam, Saudi Arabia.	6 <sup>th</sup> Feb 2019 to present
Associate Professor	Department of Clinical Laboratory Science, College of Applied Medical Sciences, Imam Abdulrahman Bin Faisal University ( <b>IAU</b> ), Dammam, (formerly University of Dammam- uod), Dammam, Saudi Arabia.	2007 to 2018
Associate Professor	Department of Basic Medical Sciences, University of Medical Sciences & Technology ( <b>UMST</b> ), Khartoum, Sudan	2005 – 2006
Assistant Professor	Department of Basic Medical Sciences, Faculty of Medicine and Pharmacy, International Islamic University Malaysia ( <b>IUM</b> ), Kuantan, Malaysia.	2003 – 2005
Lecturer	Faculty of Medicine & Health Sciences, University College Sedaya International ( <b>UCSI</b> ), Kuala Lumpur Malaysia	2001 – 2003



### Administrative Positions and Committees Membership Held: (Beginning with the most recent)

Administrative Position	Office	Date
Head	Postgraduate Committee	2023 - present
Head	Curriculum Committee for Graduate Studies Programs, Deanship of Graduate Studies, Imam Abdulrahman Bin Faisal University, Dammam, Saudi Arabia	2016 to 2022
Graduate Studies Coordinator	Department of Clinical Laboratory Science, College of Applied Medical Sciences, Imam Abdulrahman Bin Faisal University, Dammam, Saudi Arabia.	2009 to 2022
Head of Bridging Program	Clinical Laboratory Science, College of Applied Medical Sciences, Imam Abdulrahman Bin Faisal University, Saudi Arabia.	2014 to 2017
<b>Committee Memberships &amp; Service to the University</b>		
	Planning and Development Committee, Department of Clinical Laboratory Science, College of Applied Medical Sciences, Imam Abdulrahman Bin Faisal University, Dammam, Saudi Arabia.	2024 - present
	<i>Chair</i> , postgraduate committee	2023 - present
	<i>Chair</i> , Committee for establishment of PhD program in Clinical Laboratory Sciences	2024 - present
	Member of the Medical Fellowships Committee, Deanship of Graduate Studies, Imam Abdulrahman Bin Faisal University	2018 to present
	Member of the Curriculum Committee for Graduate Studies Programs, Deanship of Graduate Studies, Imam Abdulrahman Bin Faisal University	2016 to 2022
	Member of the Graduate Studies Council, Deanship of Graduate Studies Committee, University of Dammam, KSA	2009 to 2022
	Member of the Graduate Studies Committee, Department of Clinical Laboratory Sciences, University of Dammam, KSA	2007 to 2022
	Member of the University Scientific Council, University of Dammam, KSA	2009 to 2014
	Member of the permanent committee for Scientific Research & Publication, University of Dammam, KSA	2009 to 2014
	Member of the Development Committee for Vice President, Academic Affairs Office, University of Dammam, KSA	2010 to 2014
	Member of the committee established the Bridging Program for bachelor's degree in clinical laboratory sciences, University of Dammam, KSA	2010 to 2011
	Member of the Research and Graduate Studies Committee, Faculty of Medicine, International Islamic University Malaysia (IIUM), Malaysia.	2003-2005
	Member of the Research and Graduate Studies Committee, Faculty	2003-2005



of Pharmacy, International Islamic University Malaysia (IIUM),  
Malaysia.

## 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.		Antimicrobial Resistance Pattern of <i>Escherichia coli</i> isolated from imported frozen shrimp in Saudi Arabia. Submitted on 27 <sup>th</sup> August 2024 to Peerj journal	
2.		Isolation of Shiga toxin-producing <i>Escherichia coli</i> O157 and non-O157 from retail imported frozen beef marketed in Saudi Arabia using immunomagnetic separation and multiplex-PCR. Submitted on 17 <sup>th</sup> June 2024 to GERMS journal	
3.		Toxigenic non-serogroup O1/O139 <i>Vibrio cholerae</i> wound infection in a patient with COVID-19 pneumonia: A case report. Submitted on 7 <sup>th</sup> August 2024 to Heliyon journal	
4.	Aljindan, R., Allahham, R., Alghamdi, R., Alhabib, I., AlNassri, S., Alkhalifa, W., Diab, A., Alomar, A., Yamani, L. and <b>Elhadi, N.</b> , 2024.	Isolation and Characterization of Cholera Toxin Gene-Positive <i>Vibrio cholerae</i> Non-O1/Non-O139 Isolated from Urinary Tract Infection: A Case Report. <i>Infection and Drug Resistance</i> , pp.1147-1152.	
5.	Siddig LA, Bayoumi M, <b>Elhadi N.</b>	Sociodemographic distributions, and molecular characterization of colonized <i>Enterococcus faecium</i> isolates from locality hospitals in Khartoum, Sudan. <i>PeerJ</i> . 2023 Oct 10;11:e16169.	
6.	Faisal Alzahrani, Asma Alfaris, Saeed Sheikh, Layla Bashawri, <b>Nasreldin Elhadi.</b>	Phenotypic and genotypic (Exon 28) characterization of patients diagnosed with von Willebrand disease type 1 in Eastern Saudi Arabi. <i>Journal of medicine and life</i> 16(3), p.428 2023.	
7.	<b>Nasreldin Elhadi</b> , Lamya Zohair Yamani, Mohammed Aljeldah, Amer Ibrahim Alomar, Hafiz Ibrahim, and Asim Diab.	Serological and Antibiotic Resistance Patterns As Well As Molecular Characterization of <i>Vibrio parahaemolyticus</i> Isolated from Coastal Waters in the Eastern Province of Saudi Arabia.” <i>Journal of Epidemiology and Global Health</i> 12, no. 4 (2022): 524-540.	
8.	Lamya Zohair Yamani, and <b>Nasreldin Elhadi.</b>	“Virulence Characteristics, Antibiotic Resistance Patterns and Molecular Typing of Enteropathogenic Producing <i>Escherichia coli</i> (EPEC) Isolates in Eastern Province of Saudi Arabia: 2013–2014.” <i>Infection and Drug Resistance</i> (2022): 6763-6772.	



9. Afnan Alsultan, and **Nasreldin Elhadi**. "Evaluation of ERIC-PCR method for determining genetic diversity among *Escherichia coli* isolated from human and retail imported frozen shrimp and beef." *International Journal of Food Contamination* 9, no. 1 (2022): 12.
10. Loai Siddig, Omnia M. Hamid, **Nasreldin Elhadi**, and Magdi A. Bayoumi. "Prevalence and Antimicrobial Profile of Colonized Enterococcus Species Isolated from Hospitalized and Non-hospitalized Patients, Khartoum, Sudan." *American Journal of Infectious Diseases* 10, no. 4 (2022): 119-125.
11. Mariam Almejhim, Mohammed Aljeldah, **Nasreldin Elhadi**. Improved isolation and detection of toxigenic *Vibrio parahaemolyticus* from coastal water in Saudi Arabia using immunomagnetic enrichment. *PeerJ*. 2021, 9:e12402 DOI 10.7717/peerj.12402.
12. **Nasreldin Elhadi**, Reem Aljindan, Khaldoon Alsamman, Amer Alomar, Mohammed Aljeldah. Antibiotic resistance and molecular characterization of enteroaggregative *Escherichia coli* strains isolated from patients with diarrhea in the Eastern Province of Saudi Arabia. *Heliyon*.2020,6: e03662.
13. Mohammed M. Aljeldah, Hosam El-Sayyad, **Nasreldin Elhadi** and Ali A. Rabaan, Effect of Gamma-Rays on the Growth and Penicillin Production of *Penicillium chrysogenum*. *J Pure Appl Microbiol.*, 2019; 13(2): 779-788.
14. Doha Hudhaiah and **Nasreldin Elhadi**. Prevalence and genotypes of nosocomial *Clostridium difficile* infections in the Eastern Province of the Kingdom of Saudi Arabia: A multi-centre prospective study. *Journal of Clinical and Diagnostic Research*. 2019; 13(3): DC16-DC20.
15. FM Alzahrani, SS Shaikh, AI Alomar, S Acharya, **N Elhadi**. Prevalence of Hepatitis B Virus (HBV) Among Blood Donors in Eastern Saudi Arabia: Results from a Five-Year Retrospective Study of HBV Seromarkers. *Annals of Laboratory Medicine*. 2019; 39(1), 81-85.
16. **Elhadi N**. Clonal relationship among the *Vibrio parahaemolyticus* isolates from coastal water in Saudi Arabia. *Egyptian Journal of Aquatic Research*. 2018; 44 (2):131-137.
17. Ghenem L, **Elhadi N**. Isolation, molecular characterization, and antibiotic resistance patterns of *Vibrio parahaemolyticus* isolated from coastal water in the Eastern Province of Saudi Arabia. *Journal of Water and Health*. 2018;(1):57-69.
18. **Elhadi N**, Nishibuchi M. Characterization of *Vibrio parahaemolyticus* isolated from coastal water in Eastern Province of Saudi Arabia. *Malaysian Journal of Microbiology*. 2018; 14 (1), 1-9.
19. Alsalem Z, **Elhadi N**, Aljeldah M, Alzahrani F, Nishibuchi M. Characterization of *Vibrio vulnificus* Isolated from the Coastal Areas in the Eastern Province of Saudi Arabia. *Journal of Pure and Applied Microbiology*. 2018;12(3), 1355-1364.



20. Aljindan RY, **Hussein NE**, Khoudair HA, Shaikh AY, Hassan HA, Alabdulqader NA, Shorman MA, Abdalhamid BA. First description of plasmid mediated quinolone resistance genes in *Salmonella* isolates from Saudi hospitals. *Saudi Medical Journal*. **2018**; 39(7), 685-689.
21. Aljindan R, Alsamman K, **Elhadi N**. ERIC-PCR genotyping of *Acinetobacter baumannii* isolated from different clinical specimens. *Saudi Journal of Medicine and Medical Sciences*. **2018**;6(1):13.
22. Aljindan R, **Elhadi N**. Genetic Relationship of multi-resistant *Acinetobacter baumannii* isolates in Kingdom of Saudi Arabia. *J Pure Appl Microbiol*, **2018**; 12(4), 1951-1958.
23. Abdalhamid B, **Elhadi N**, Alunayan S, Alsamman K, Aljindan R. First description of methyltransferases in extensively drug-resistant *Klebsiella pneumoniae* isolates from Saudi Arabia. *Journal of Medical Microbiology*. 2017;66(7):859-63.
24. Abdalhamid B, Alunayan S, Shaikh A, **Elhadi N**, Aljindan R. Prevalence study of plasmid-mediated AmpC  $\beta$ -lactamases in *Enterobacteriaceae* lacking inducible ampC from Saudi hospitals. *Journal of Medical Microbiology*. 2017;66(9):1286-90.
25. Ghenem L, **Elhadi N**, Alzahrani F, Nishibuchi M. *Vibrio Parahaemolyticus*: A review on distribution, pathogenesis, virulence determinants and epidemiology. *Saudi Journal of Medicine and Medical Sciences*. 2017;5(2):93.
26. **Elhadi N.**, Aljeldah, M. and Aljindan, R. Prevalence and antimicrobial susceptibility pattern of extended-spectrum- $\beta$ -lactamase-producing *Escherichia coli* isolated from imported frozen freshwater fish in Saudi Arabia. *International Journal of Food Research*. 2016; 23(6): 2719-2727.
27. Baha Abdalhamid, **Nasreldin Elhadi**, Khaldoon Alsamman, Reem Aljindan. *Chryseobacterium gleum* pneumonia in an infant with nephrotic syndrome. *IDCases*. 2016; 5: 34–36.
28. Abdalhamid B, **Elhadi N**, Alabdulqader N, Alsamman K, Aljindan R, Rates of gastrointestinal tract colonization of carbapenem resistant *Enterobacteriaceae* and *Pseudomonas aeruginosa* in hospitals in Saudi Arabia, *New Microbes and New Infections* (2016), doi: 10.1016/j.nmni.2016.01.014.
29. **Nasreldin Elhadi**. Prevalence of extended-spectrum- $\beta$ -lactamase-producing *Escherichia coli* in imported frozen freshwater fish in Eastern Province of Saudi. *Saudi Journal of Medicine & Medical Sciences* 4 (1), 2016.
30. **Nasreldin Elhadi**, Khaldoon Alsamman. Incidence and antimicrobial susceptibility pattern of extended-spectrum- $\beta$ -lactamase-producing *Escherichia coli* isolated from retail imported mackerel fish. *African Journal of Biotechnology*. 2015; 14 (23): 1954-1960.
31. **Nasreldin Elhadi** (2014). Prevalence and antimicrobial resistance of *Salmonella* spp in raw retail frozen imported freshwater fish to Eastern Province of Saudi Arabia. *Asian Pacific Journal of Tropical Biomedicine*. 2014; 4 (3): 234-238.





32. **Nasreldin Elhadi**, Reem Aljindan, Mohammed Aljeldah. Prevalence and antimicrobial resistance of Nontyphoidal *Salmonella* serogroups in a University Hospital in Eastern Province of Saudi Arabia. *Journal of Infection and Drug Resistance*. 2013; 6: 1-7.
33. **Nasreldin Elhadi** (2013). Occurrence of Potentially Human Pathogenic *Vibrio* Species in the Coastal Water of the Eastern Province of Saudi Arabia. *Research Journal of Microbiology*, 8 (1): pp. 1-12.
34. **Nasreldin Elhadi** (2012). Antibiotic Resistance and Plasmid Profiling of Clinically Significant *Vibrio vulnificus* Isolated from Coastal Water in Eastern Province of Saudi Arabia., **British Journal of Pharmacology and Toxicology** 3 (2), pp. 93-97.
35. **Nasreldin Elhadi** and Hatem Qutub. Detection of *Legionella* from Teaching Hospital Cooling Tower Water of Air Conditioning Systems in Eastern Province of Saudi Arabia., *Asian Journal of Medical Sciences*. 2012; Vol 4 (2), pp. 99-102.
36. **Nasreldin Elhadi**, Layla Bashawri, Mohammed Aljeldah, Burhan Imamwerdi, Faisal Alzahrani and Mitsuaki Nishibuchi (2012). Molecular characterization of *Vibrio cholerae* non-O1/non-O139 isolated from coastal water of Arabian Gulf., *African Journal of Microbiology Research*. 2012; Vol. 6(2), pp. 447-452.
37. **Nasreldin Elhadi**, Son Radu, Chien-Hsien and Mitsuaki Nishibuchi. Prevalence of Potentially Pathogenic *Vibrio* Species in the Seafood Marketed in Malaysia. 2004. *J. Food Protection*, Vol. No. 7. Pages 1469-1475.
38. Chien-Hsien Chen, Toshio Shimada, **Nasreldin Elhadi**, Son Radu, and Mitsuaki Nishibuchi. 2004. Phenotypic and Genotypic Characteristics of *ctx*<sup>+</sup> Strains of *Vibrio cholerae* Isolated in Malaysia and the Significance of the strains in Epidemiology in Seafood Marketed in Malaysia. *J. Applied and Environmental Microbiology*. Vol.: 70: pages 1964-1972.
39. **Nasreldin Elhadi**. 2003. Determination of Survival and Growth of *Vibrio cholerae* O1 in Food. *The International Medical Journal*. <http://uia4.tripod.com/> Vol. 2.
40. Son Radu, Sahilah, G. Rusul and **Nasreldin Elhadi**. 2000. Characterization of *Salmonella enteritidis* Isolated from fish (*Telapia Mossambica*) by plasmid profile, Antibiotic Resistance and Random Amplification Polymorphic DNA (RAPD) Fingerprinting. *Asian Fisheries Science* 13:13 – 20.
41. Tg Abbrizal, Son Radu, Abdul Reezal, Abdul Rahim Mutalib, Gulam Rusul, **Nasreldin Elhadi**, and Yuherman. 2000. Random Amplified Polymorphic DNA Analysis to Differentiate strains of *Vibrio vulnificus* Isolated from Cockles and Shrimp. *Malaysian Journal of Medical Science* 7:37-42.
42. R. Son, F. Nimita, G. Rusul, **E. H. Nasreldin**, L. Samuel and M. Nishibuchi. 1999. Isolation and Molecular Characterization of Vancomycin Resistant *Enterococcus faecium* (VRE) in Malaysia. *Letters in Applied Microbiology* 29:118-122.



43. Son Radu, Yuherman, Ho Yun Kit and **Nasreldin Elhadi**.1999. Molecular Characterization of *Vibrio cholerae* O1 and non- O1 DNA from human and environmental sources in Malaysia. *J. Epidemiology Infection* 123:225-232.
44. Son Radu, **Nasreldin Elhadi**, Zaiton Hassan, and Gulam Rusul. 1998. Characterization of *Vibrio vulnificus* isolated from cockles (*Anadara granosa*) by Plasmid Profiling and Random Amplification Polymorphic DNA Analysis. *FEMS Microbiology Letters* 165:139.
45. Son Radu, **Nasreldin Elhadi** and Zaiton Hassan 1998. Use of Randomly Amplified Polymorphic DNA Analysis to differentiate isolates of *Vibrio parahaemolyticus* from cockles (*Anadara granosa*). *World J. of Microbiology and Biotechnology* 14:895-901.
46. **Nasreldin Elhadi**, Zaiton Hassan, Gulam Rusul and Nimita Fifadara. 1998. Prevalence studies of *Vibrio vulnificus* isolated from cockles (*Anadara granosa*) in Malaysia. *J. Malaysian Applied Biology*. Vol 25:44-49.
47. R. Son, Yuherman, G. Rusul, Jamal Khair and **E. H. Nasreldin**. 1998. Application of Randomly Amplified Polymorphic DNA (RAPD) Analysis of *Vibrio parahaemolyticus* Isolated from coastal water. *J. of Bioscience* Vol. 9.
48. R. Son, G. Rusul, L. Samuel, **E. H. Nasreldin**, M. Nishibuchi. 1998. Characterization of *Vibrio cholerae* O139 Bengal isolated from Water in Malaysia. *J. Applied Microbiology* 85:1073-1077.

#### Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

#	Name of Investigator(s)	Research Title	Conference and Publication Date
49.	<b>Nasreldin Elhadi</b> ., Mariam Almejhim and Mitsuaki Nishibuchi.	Detection of the <i>tdh</i> gene in <i>Vibrio parahaemolyticus</i> isolated from coastal environment by using immuno-magnetic beads (IMB) and PCR in Saudi Arabia.	53 <sup>rd</sup> US-Japan Annual Joint Panel Conference on Cholera and Other Bacterial Enteric Infections, (28 February to 1 March 2019, Hanoi, Vietnam.
50.	<b>Nasreldin Elhadi</b> and Mitsuaki Nishibuchi.	Screening of diarrheal stool specimens for <i>Escherichia coli</i> O157 and other diarrhoeagenic <i>Escherichia coli</i> pathotypes in a university teaching hospital in Eastern Province of Saudi Arabia.	53 <sup>rd</sup> US-Japan Annual Joint Panel Conference on Cholera and Other Bacterial Enteric Infections, (28 February to 1 March 2019, Hanoi, Vietnam.
51.	<b>Nasreldin Elhadi</b> .	The unseen risk and current trend in the antimicrobial resistance of foodborne bacterial pathogens isolated from imported frozen freshwater fish, shrimp, and beef meat in the Eastern Province of Saudi Arabia.	3 <sup>rd</sup> Sharjah Food Safety Forum “Human Safety is our Wealth”, 26 February 2019. Sharjah Municipality, United Arab Emirates.





52. **Nasreldin Elhadi.**, and Mitsuaki Nishibuchi. Prevalence and characterization of *Vibrio parahaemolyticus* in the coastal environment in Eastern Province of Saudi Arabia. 52<sup>nd</sup> US-Japan Annual Joint Panel Conference on Cholera and Other Bacterial Enteric Infections, Department of Microbiology (22-24 February, 2018, Faculty of Science, Prince of Songkla University, Hat Yai, Songkhla, Thailand).
53. Son Radu, **Nasreldin Elhadi** and Mitsuaki Nishibuchi. 2002. Detection of *Vibrio cholerae* and other *Vibrio* spp. from environmental sources in Malaysia. The Thirty-Seven Joint Conference of USA – Japan Cooperative Medical Science Program: Cholera and Other Bacterial Enteric Infections Panel. Ginowan City, Okinawa, Japan, December 19, 2002.
54. **Nasreldin Elhadi** 2003. Survival and Growth of *Vibrio cholerae* O1 in Food, *Centre for Research Excellence (SICCRE)*. Vol. 4: 40–45.
55. **Nasreldin Elhadi**, Son Radu and Nishibuchi Mitsuaki. 2002. Application of Multiplex PCR and DNA Colony Hybridization to Detect Virulence Genes in *Vibrio cholerae* isolated from Seafood. *Centre for Research Excellence (SICCRE)*. Vol. 3: 30 – 37.
56. **Nasreldin Elhadi**, Son Radu, Gulam Rusul and Nishibuchi Mitsuaki. 2001. Rapid Molecular Method for Detection of Cholera Toxin in *Vibrio cholerae*. *Full-length original research paper published in 24<sup>th</sup> Symposium of the Malaysian Society for Microbiology Proceeding* No. 24:134-137. Cherating, 9-12 September, 2001.
57. **Nasreldin, E.H.** R. Gulam, R., and Nishibuchi. M. 2001. Prevalence of Pathogenic *Vibrio* species in Seafood. *Full-length original research paper published in 23<sup>rd</sup> Symposium Malaysian Society for Microbiology Proceeding* No. 24:23-27. Cherating, 9–12 September, 2001.
58. **Nasreldin Elhadi**. 2001. Elevated temperature enrichment method for isolation of *Vibrio cholerae*. *Full-length original research paper published in 24<sup>th</sup> Malaysian Society for Microbiology Proceeding* No. 24:138-142. Cherating, 9 – 12 September, 2001.
59. Nishibuchi, M., **Nasreldin, E.H.**, Chen, E., Son, R. and Shimada, T. 2001. Molecular Characterization of toxigenic *Vibrio cholerae* isolated from seafood marketed in Malaysia. *Tropical Medicine in the 21<sup>st</sup> Century*.
60. **Nasreldin Elhadi**, Son Radu and Mitsuaki Nishibuchi. 2000. Application of Polymerase Chain Reaction (PCR) and DNA Colony Hybridization in Detection of *Vibrio cholerae* Virulence Genes. *Full-length original research paper published in 23<sup>rd</sup> Symposium Malaysian Society for Microbiology Proceeding* No. 23: 29-32, Langkawi, 19 – 21 November, 2000.
61. **Nasreldin Elhadi**, Son Radu, Gulam Rusul, Jamal Khair, Zaiton Hassan, R. Abdul Latif. 2000. Prevalence of *Vibrio spp* in shrimps (*Penaeus indicus*) marketed in Malaysia. *Full-length original research paper published in Symposium of Medical Health Science for the New Millennium Proceeding*: 144 – 147. Kuala Lumpur, 29 – 30 April, 2000.



62. Son Radu and **Nasreldin Elhadi**, Samuel Lihan. 2000. Epidemiologic typing and delineation of genetic relatedness of *Vibrio parahaemolyticus* by random amplified polymorphic DNA method. *Full-length original research paper published in Symposium of Medical Health Science for the New Millennium Proceeding*: 166- 169. Kuala Lumpur, 29 – 30 April, 2000.
63. **Nasreldin Elhadi**, Son Radu, Gulam Rusul, Zaiton Hassan, Endang Purwati and Tg. Ahbrizal. 2000. Multiplex PCR to detect virulence gene *ctx* and *tcpA* genes to biotype *Vibrio cholerae* isolated from seafood in Malaysia. 6<sup>th</sup> National Conference on Medical Science. 6: 91., Kota Bharu, Kelantan, May, 2000.
64. Sara A. **Nasreldin E H.**, Son R., Ooi W., and Osman M. 2000. Isolation of *Escherichia coli* O157 from Imported beef in Malaysia. 6<sup>th</sup> National Conference on Medical Science. 6: 80., Kota Bharu, Kelantan, May, 2000.
65. Endang Purwati, Raha Abdul Rahim and **Nasreldin Elhadi**. 2000. Studies of the multiple antibiotic resistance of *Listeria monocytogenes*. 6<sup>th</sup> National Conference on Medical Science. 6: 96., Kota Bharu, Kelantan, May, 2000.
66. Mickey Vincent, Son Radu, **Nasreldin Elhadi**, Hon Shiu Fong. 2000. *Vibrio cholerae* in Meri Sarawak: Antibiotic resistance and their genotypic characterization. 4<sup>th</sup> UNESCO National Workshop on Promotion of Microbiology, Kuala Lumpur 26 August, 2000.
67. Tg Abbrizal and **Nasreldin Elhadi**. 2000. Strain typing of *Vibrio vulnificus* biotype 1 in cockles and shrimp by Random Amplified Polymorphic DNA Assay. 4<sup>th</sup> UNESCO National Workshop on Promotion of Microbiology. Kuala Lumpur 26 August, 2000.
68. Noorlis Ahmad and **Nasreldin Elhadi**. 1999. Isolation and Characterization of *Aeromonas spp* from Fish. Malaysian Society for Microbiology Proceeding No. 22. Penang Parkroyal Resort, November, 1999.
69. TG Ahbrizal, **Nasreldin Elhadi**, Son Radu, Gulam Rusul, Jamal Khair. 1999. Prevalence Studies, Antibiotic Resistant and Plasmid Profiles of *Vibrio vulnificus* Isolated from Shrimp. Malaysian Society for Microbiology *Proceeding* No. 22. Penang Parkroyal Resort, November, 1999.
70. Samuel Lihan, Son Radu, Gulam R., **Nasreldin Elhadi**. 1999. Use of Randomly Amplified Polymorphic DNA Analysis to differentiate isolates of *Salmonella spp*. Malaysian Society for Microbiology *Proceeding* No. 22, Penang Parkroyal Resort, November, 1999.
71. N Fifadara, G. Rusul, Son Radu and **Nasreldin Elhadi**. 1999. Characterization of vancomycin resistant *Enterococcus faecium* using antibiotic susceptibility, plasmid profile and random amplification of polymorphic DNA (RAPD). Malaysian Society of Parasitology and Tropical Medicine Proceeding: 13. Kuala Lumpur, 1999.



72. **Nasreldin Elhadi**. 1999. Distribution of Potentially Pathogenic *Vibrios* in shrimp (*Penaeus indicus*) in Malaysia wet market and supermarkets. Malaysian Society for Microbiology Proceeding No.22, Penang Parkroyal Resort, November, 1999.
73. **Nasreldin Elhadi**. 1999. Occurrence and Characterization of *Vibrio parahaemolyticus*, *Vibrio vulnificus* biotype 1 and biotype 2 isolated from cockles (*Anadara granosa*). Malaysian Society for Microbiology Proceeding No. 22, Penang Parkroyal Resort, November, 1999.
74. **Nasreldin Elhadi**, Son Radu, Jamal Khair, Gulam Rusul, Rohani Md. Yassin, Harrison Abd Aziz, Zaiton Hassan. 1999. Prevalence and Distribution of pathogenic *Vibrio* species in seafood available in Malaysia. Malaysian Society for Microbiology Proceeding No. 22. 1999
75. Sara Abd Alla, **Nasreldin Elhadi**, Son Radu, Mariana N.S, Gulam Rusul, Rohani Ooi Wi Ling, Samuel Lihan. 1999. Detection of *Escherichia coli* Harboring Shiga Like Toxins (*SLT I & II*) from Imported beef. Malaysian Society for Microbiology Proceeding No. 22. Penang Parkroyal Resort, November, 1999.
76. **Nasreldin Elhadi**, Zaiton Hassan and Jamal Khair. 1998. Characterization of *Vibrio Parahaemolyticus* isolated from cockles (*Anadara granosa*) by plasmid Profiling and Random Amplification Polymorphic DNA analysis. *Full-length original research paper published in 21<sup>st</sup> Malaysian Society for Microbiology*. Vol. 21:63-67, Mines Beach Resort, Kuala Lumpur, 15–16 December, 1998.
77. **Nasreldin Elhadi**, Son Radu, and Jamal Khair. 1998. Isolation and Molecular Characterization of *Vibrio cholerae* O139 isolated from seawater. *Full-length original research paper published in 21<sup>st</sup> Malaysian Society for Microbiology*. Vol. 21:89-93, Mines Beach Resort, Kuala Lumpur, December, 1998.
78. Zaiton Hassan and **Nasreldin Elhadi**. 1998. *Vibrio vulnificus* and other *Vibrios* isolated from cockles (*Anadara granosa*). Malaysian Science and Technology Congress, Terengganu, November, 1998.



## Current and Completed Research Projects

#	Name of Investigator(s) (Supported by)	Research Title	Report Date
---	--	----------------	-------------

Year (s)	Project title	Name of funding institution/organization	Award amount
Submitted	Molecular epidemiological investigations of airborne pathogens in the hospital environment: Hospital epidemiology and infection control. <b>PI</b>	Saudi NIH	
Submitted	Comparative evaluation and analysis of rapid lateral flow immunoassay for detection of Antibiotic Residuals in Seafood and Meat sold at supermarkets and wet markets in the Eastern Province of Saudi Arabia: Best Rapid Analytical Approaches to Detect and Quantify. <b>Co-PI</b>	Saudi RDIA	
2016-2021.	Environmental and Molecular Investigations of Toxigenic <i>Vibrio</i> species in the Coastal Areas of Arabian Gulf in Eastern Province of Saudi Arabia. The project was funded by. <b>PI</b>	King Abdul-Aziz City for Science and Technology (KACST)	2 million SAR
2014-2016.	Prevalence and Antimicrobial Resistance of Extended-Spectrum $\beta$ -Lactamase (ESBL)-Producing <i>Escherichia coli</i> in imported frozen shrimp and beef in Eastern Province of Saudi Arabia. <b>PI</b>	Deanship of Scientific Research, Imam Abdulrahman Bin Faisal University	200, 000 SAR
2013-2015	Prevalence and molecular screening of virulence gene markers of diarrhoeagenic <i>Escherichia coli</i> pathotypes from hospitalized patients in Eastern Province of Saudi Arabia. <b>PI</b>	Deanship of Scientific Research, Imam Abdulrahman Bin Faisal University	200, 000 SAR
2012-2014	Prevalence, Quantification and Antimicrobial Resistance Patterns of Human Potentially Pathogenic bacteria in imported frozen fish marketed in Eastern Province of Saudi Arabia. <b>PI</b>	Deanship of Scientific Research, Imam Abdulrahman Bin Faisal University	200, 000 SAR
2009-2010	Prevalence of Significant <i>Vibriosis</i> Virulence genes in the Coastal Areas of Arabian Gulf, Saudi Arabia. <b>PI</b>	Deanship of Scientific Research, Imam Abdulrahman Bin Faisal University	100, 000 SAR



2007-2009	Prevalence of Potentially Pathogenic <i>Vibrio</i> species in the Arabian Gulf Coastal water. <b>PI</b>	Deanship of Scientific Research, Imam Abdulrahman Bin Faisal University	200, 000 SAR
-----------	---	---	--------------

### Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
---	------------------	----------------------------------	------------------------

1. 53<sup>rd</sup> US-Japan Annual Joint Panel Conference on Cholera and Other Bacterial Enteric Infections, (28 February to 1 March 2019, Hanoi, Vietnam.
2. 3<sup>rd</sup> Sharjah Food Safety Forum “Human Safety is our Wealth”, 26 February, 2019. Sharjah Municipality, United Arab Emirates.
3. 52<sup>nd</sup> US-Japan Annual Joint Panel Conference on Cholera and Other Bacterial Enteric Infections, Department of Microbiology (22-24 February, 2018, Faculty of Science, Prince of Songkla University, Hat Yai, Songkhla, Thailand.
4. Current Trends and New Challenges in Clinical Laboratory Sciences. King Fahd Hospital of the University, Directorate of Academic Affairs and Training and Department of Medical Laboratory Technology, College of Applied Medical Sciences , King Faisal University, Al-Khobar, Saudi Arabia. April, 22, 2009.
5. Challenge in Laboratory Medicine King Fahd Hospital of the University, Al Khobar, Saudi Arabia. April, 9-10, 2008.
6. Biotechnology for Wealth Creation and Social Well-Being. BioMalaysia 2005. Putrajaya International Convention Centre. Putrajaya, 28-29 April, 2005.
7. International Biotechnology Symposium, Exhibition and Bio-Partnering. BioMalaysia 2002. PWTC, Kuala Lumpur, 1-4 October, 2002.
8. 24<sup>th</sup> Symposium of the Malaysian Society for Microbiology. Cherating Island, Malaysia, 9-12 September, 2001.
9. Symposium of Medical Health Sciences for the New Millennium: Kuala Lumpur, 29-30 April, 2000.
10. 6<sup>th</sup> National Conference on Medical Science. Kota Bharu, Kelantan, May, 2000.
11. 4<sup>th</sup> UNESCO National Workshop on Promotion of Microbiology, Kuala Lumpur 26 August, 2000.



12. 23<sup>rd</sup> Symposium of the Malaysian Society for Microbiology, Langkawi, Malaysia, November, 2000.
13. Malaysian Society of Parasitology and Tropical Medicine Symposium, Kuala Lumpur, Malaysia. 1999.
14. 22<sup>nd</sup> Microbiology Symposium of the Malaysian Society for Microbiology and Japan Society for Promotion of Science (JSPS), Penang Parkroyal Resort, Malaysia, 21-24 November 1999.
15. 21<sup>st</sup> Symposium of the Malaysian Society for Microbiology. "The Role of Microbiologists in Health, Food Production and the Environment. Mines Beach Resort, Kuala Lumpur, Malaysia, 15-16 December, 1998.
16. Malaysian Science and Technology Congress'98. Theme: Update of R & D Findings and Commercialization. Park Royal Hotel, Kuala Terengganu, Malaysia, 7-9 November 1998.
17. Fifth Symposium of Applied Biology: Natural Resources and Food Security, Challenges to Applied Biologist. University Putra Malaysia, Serdang, 5-6 May, 1998.

#### Training and Workshops Certificates

- |      |   |
|------|---|
| 2017 | <i>Training workshop on EndNote Web, Information Learning and Research commons, Deanship of Library Affairs, University of Dammam, Saudi Arabia, held on 01-03-2017.</i>                              |
| 2016 | Intensive Training Program on “Mentor Training Program” Deanship of Education Development, University of Dammam, Saudi Arabia, 31 May- 2 June, 2016   |
| 2013 | The Canadian Medical Education Directions for Specialists (Can-Meds) Workshop. Saudi Commission for Health Specialties, King Fahd Hospital of the University, Al-Khobar, Saudi Arabia, May, 8-9, 2013 |
| 2008 | Strategic Planning Workshop. Medical Education Centre, King Faisal University and Kaludis Consulting, Washington DC, USA, Site 1, King Faisal University, AlKhobar, KSA, May, 31-June, 5-July, 2008   |
|      | Workshop Training course on Fluorescence in Situ DNA Hybridization (FISH). Department of Diagnostic Laboratories, King Fahd Hospital of the University, Al-Khobar, Saudi Arabia, April, 7-10, 2008    |
|      | Safety and Exposure Biohazards Workshop. College of Applied Medical Science, King Faisal University, Dammam, Saudi Arabia. February, 2-5, 2008  |





- 2005 Workshop Training on the Laboratory Diagnosis of Dengue Virus. Department of Medical Microbiology, Faculty of Medicine, University of Malaya and WHO Collaborating Centre for Arbovirus (DF/DHF), Kuala Lumpur, Malaysia. May, 9-13, 2005
- 2004 Workshop Training course on Pharmacogenetics. Pharmacogenetics Research Group University, Faculty of Medicine, Health Campus, Science Malaysia, Kelantan, Malaysia. April, 1-4, 2004
- Workshop Training course in Competency Level Assessment (CLA) Program (EDUCATION). Centre for Education Technology (CET) and Management Services Division, International Islamic University Malaysia (IIUM), Kuala Lumpur, Malaysia, July, 7-18, 2004
- Intellectual Discourse Workshop Program. Office of the Deputy Rector (Academic Affairs), International Islamic University Malaysia (IIUM), Kuala Lumpur, Malaysia, March, 23-28, 2004.
- 2001 Workshop Training course on Genetically Modified Organisms (GMO): Current Status and Technologies. Ministry of Health Malaysia, Malaysian Society for Microbiology and University Putra Malaysia, Kuala Lumpur, Malaysia. November, 5-9, 2001
- 2000 Workshop Training course on Polymerase Chain Reaction (PCR). Department of Biotechnology, Faculty of Food Science and Biotechnology, University Putra Malaysia. Ministry of Health, Kuala Lumpur, Malaysia and Kyoto University, Japan. July, 24-26, 2000
- 1999 Workshop Training course on Isolation and Screening of Microbes for Useful Materials. University Putra Malaysia and Hokkaido University, Japan, March, 10-12, 1999
- 1999 Training course on Microbiological Risk Assessment. Faculty of Food Science and Biotechnology, University Putra Malaysia, Ministry of Health Malaysia and Center for Southeast Asian Studies and Graduate School of Medicine, Kyoto University, Japan, October, 4-8, 1999
- 1998 Workshop Training course in Multiplex Polymerase Chain Reaction (PCR) and Molecular Tools for Biotechnology. Department of Biotechnology, University Putra Malaysia, Kuala Lumpur, Malaysia, December, 10-12, 1998
- 1997 Workshop Training course in Pulsed Field Gel Electrophoresis (PFGE) and Polymerase Chain Reaction (PCR). Department of Biotechnology, University Putra Malaysia and Centre for Southeast Asian Studies, Kyoto University, Japan, September, 17-20, 1997



1996 Computer Certificate in Microsoft offices, Boston Computer Institute, Gujarat State, Ahmedabad, India, May, to September, 1996

1995-1996 (Year) Medical Laboratory Technology (MLT) courses in laboratory techniques as under:

- (1) Clinical Pathology
- (2) Clinical Chemistry
- (3) Histopathology & Cytology
- (4) Bacteriology & Serology

Institute of Medical Laboratory Technology, Gujarat, India, 1995-1996 (Year)

## Teaching and Courses Coordination Activities

<b>Courses taught at Imam Abdulrahman Bin Faisal University</b>	
2007 to present	
Course	Program
CLS304 Bacteriology and Mycology	BSc in Clinical Laboratory Sciences
MLT 211 Intr. to Clinical Microbiology	BSc in Clinical Laboratory Sciences
MLT 314 Clinical Microbiology & Mycology	BSc in Clinical Laboratory Sciences
MLT 322 Medical Parasitology	BSc in Clinical Laboratory Sciences
MLT 323 Medical Virology	BSc in Clinical Laboratory Sciences
MLT 421 Diagnostic Microbiology	BSc in Clinical Laboratory Sciences
MLT 424 Research project	BSc in Clinical Laboratory Sciences
MICRO 205 Microbiology & Parasitology	BSc in Clinical Nutrition
RC 212 Medical Microbiology	BSc in Respiratory care
CT 222 Microbiology and Infection Control	BSc in Cardiac technology
CLS704 Student seminar I	MSc in Clinical Lab. Sci (Microbiology track)
CLS705 Student seminar II	MSc in Clinical Lab. Sci (Microbiology track)
CLS 706 Principles of Microbiology	MSc in Clinical Lab. Sci (Microbiology track)
CLS707 Medical Parasitology	MSc in Clinical Lab. Sci (Microbiology track)
CLS 708 Medical Mycology	MSc in Clinical Lab. Sci (Microbiology track)
CLS709 Medical Virology	MSc in Clinical Lab. Sci (Microbiology track)
CLS 710 Advanced Clinical Microbiology	MSc in Clinical Lab. Sci (Microbiology track)
CLS 799 MSc thesis	MSc in Clinical Lab. Sci (Microbiology track)
ML 833 Microbiology and Parasitology	MSc in Clinical Lab. Sci (Microbiology track)
MLT841 thesis research	MSc in Clinical Lab. Sci (Microbiology track)
ML 822 Communication skills	MSc in Clinical Lab. Sci (Microbiology track)

<b>Courses taught at other Universities for undergraduate and graduate students</b>			
Year (s)	Course (s)	Program level	Institution
2005-2006	Clinical Microbiology	BSc in Medical Lab Sciences	The Ribat National University, Sudan
2005-2006	Medical Microbiology	BSc in Medical Lab Sciences	The Ribat National University, Sudan
2005-2006	Molecular Biology	BSc in Medical Lab Sciences	The Ribat National University, Sudan



2005-2006	Medical Microbiology	BSc in Medical Lab Sciences	University of Medical Sciences and Technology, Sudan
2005-2006	Microbiology for Dentistry	Bachelor of Dental Surgery	University of Medical Sciences and Technology, Sudan
2005-2006	Biotechnology	Bachelor of Pharmacy	University of Medical Sciences and Technology, Sudan
2005-2006	Molecular Biology	BSc in Medical Lab Sciences	University of Medical Sciences and Technology, Sudan
2003-2005	Microbiology	Bachelor of Pharmacy	International Islamic University, Malaysia
2003-2005	Biotechnology	Bachelor of Pharmacy	International Islamic University, Malaysia
2003-2005	Pharmaceutical Microbiology	Bachelor of Pharmacy	International Islamic University, Malaysia
2003-2005	Pharmaceutical Biotechnology	Bachelor of Pharmacy	International Islamic University, Malaysia
2003-2005	Research project	Bachelor of Pharmacy	International Islamic University, Malaysia
2003-2005	Methodology Research Project	Bachelor of Pharmacy	International Islamic University, Malaysia
2003-2005	Medical Microbiology	MSc in Medical Microbiology	International Islamic University, Malaysia
2001-2003	Pharmaceutical Microbiology	Bachelor of Pharmacy	University College Sedaya International, Malaysia
2001-2003	Pharmaceutical Biotechnology	Bachelor of Pharmacy	University College Sedaya International, Malaysia
2001-2003	Food Microbiology	Bachelor of Food Science	University College Sedaya International, Malaysia
2001-2003	Microbial Biotechnology	Bachelor of Food Science	University College Sedaya International, Malaysia
2001-2003	Biotechnology	Bachelor of Food Science	University College Sedaya International, Malaysia
2001-2003	Medical Microbiology	Bachelor of Medicine and Surgery	University College Sedaya International, Malaysia



## Supervision of Master and/or PhD Thesis and Ongoing Research Supervision

### Graduate thesis supervision:

Year (s)	Program level	Student's Name	Thesis research title & name of student	Institution
2024 - present	MSc	1. Sara Alrasheed	Prevalence and genetic analysis of multi-drug-resistant <i>Proteus mirabilis</i> associated with urinary tract infections in Saudi Arabia	Imam Abdulrahman Bin Faisal University
2024 - present	MSc	2. Hajar Alyami	Antimicrobial resistance patterns and molecular characterization of <i>Klebsiella pneumoniae</i> isolated from patients with urinary tract infections in the Eastern region of Saudi Arabia	Imam Abdulrahman Bin Faisal University
2024 - present	MSc	3. Maryam AlNassr	Molecular characterization of Salmonella serotype Enteritidis from human clinical specimens using serotyping, antimicrobial resistance, plasmid profiling, RAPD-PCR and REP-PCR,	Imam Abdulrahman Bin Faisal University
2022 - 2024	MSc	4. Rana Alghamdi	Molecular characterization of <i>Vibrio parahaemolyticus</i> isolated from coastal environment in Eastern Province of Saudi Arabia,	Imam Abdulrahman Bin Faisal University
2022 - 2024	MSc	5. Reema Allham	Molecular characterization and antibiotics resistance of gram-negative bacteria that isolated from Eastern region in Saudi Arabia	Imam Abdulrahman Bin Faisal University
2022 - 2023	MSc	6. Dr. Zahra ALBrahim, MBBS	Molecular characterization of Carbapenem resistant <i>Klebsiella pneumoniae</i> isolated from different clinical sources in Eastern and Western Provinces of Saudi Arabia Tertiary Hospitals,	King Abdul Aziz University
2020-2023	MSc	7. Hessah Alwaalan	Antibiotic resistance and molecular characterization of diarrheagenic <i>Escherichia coli</i> in patients with gastroenteritis infections in Eastern Province of Saudi Arabia	Imam Abdulrahman Bin Faisal University
2020-2022	MSc	8. Fatmah AL-Hussain	Assessment of new $\beta$ -lactam/ $\beta$ -lactamase inhibitor combinations against Multiple drug-resistant <i>Pseudomonas aeruginosa</i> strains isolated in King Fahad Hospital of the University,	Imam Abdulrahman Bin Faisal University
2019-2021	MSc	9. Somayah Alfifi	Assessment of new $\beta$ -lactam/ $\beta$ -lactamase inhibitor combinations against Multiple drug-resistant	Imam Abdulrahman Bin Faisal University



			<i>Pseudomonas aeruginosa</i> strains isolated in King Fahad Hospital of the University	
2018-2020	MSc	10. Ahlam Almulhim	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	Imam Abdulrahman Bin Faisal University
2018-2020	MSc	11. Maryam Almejhim	Application of Immunomagnetic separation technique to detect pathogenic <i>Vibrio parahaemolyticus</i> in coastal water in Eastern province Saudi Arabia	Imam Abdulrahman Bin Faisal University
2018-2020	MSc	12. Bashayer Al-Shehri	The prevalence and characterization of dermatophytes isolation from clinical specimens in Eastern Province of Saudi Arabia	Imam Abdulrahman Bin Faisal University
2017 –2018	MSc	13. Ahmed Al-buloshi	Prevalence of Metallo $\beta$ -lactamase producing <i>Pseudomonas aeruginosa</i> in Eastern Province of Saudi Arabia	Imam Abdulrahman Bin Faisal University
2017 –2018	MSc	14. Mohammad Abusuliman	Characterization of uropathogenic <i>Escherichia coli</i> in Eastern Province of Saudi Arabia	Imam Abdulrahman Bin Faisal University
2017 –2018	MSc	15. Faris Al atmah	Prevalence of CTX-M $\beta$ -lactamase producing <i>Escherichia coli</i> in Eastern Province of Saudi Arabia	Imam Abdulrahman Bin Faisal University
2017 –2018	MSc	16. Adham Al harbi	Characterization of non-typhoidal <i>Salmonella</i> associated with gastroenteritis in Eastern Province of Saudi Arabia	Imam Abdulrahman Bin Faisal University
2015 –2017	MSc	17. Zainab Alsalem	Putative virulence factors and characterization of <i>Vibrio vulnificus</i> isolated from the coastal areas in Eastern Province of Saudi Arabia	Imam Abdulrahman Bin Faisal University
2015 –2017	MSc	18. Jalilah Alhmad	Phenotypic and Genotypic Characterization of <i>Aeromonas hydrophila</i> isolated from the coastal areas in Eastern Province of Saudi Arabia	Imam Abdulrahman Bin Faisal University
2015 –2017	MSc	19. Yasmeen Ashoor	Characterization of <i>Acinetobacter</i> spp strains isolated from hospitals in the Eastern region of Saudi Arabia	Imam Abdulrahman Bin Faisal University
2015 –2017	MSc	20. Lubna Ghanem	Prevalence and molecular characterization of <i>Vibrio parahaemolyticus</i> from Arabian Gulf coastal water	Imam Abdulrahman Bin Faisal University
2015 –2017	MSc	21. Dhoha Hudhaiah	Prevalence and genotype of nosocomial infection of	Imam Abdulrahman Bin Faisal University



			<i>Clostridium difficile</i> in multi-center in Eastern province of Saudi Arabia	
2015 –2017	MSc	22. Hanan Bogemey	Molecular characterization of extended spectrum beta-lactamase producing Enterobacteriaceae isolated from clinical specimen in eastern province of Saudi Arabia	Imam Abdulrahman Bin Faisal University
2014-2016	MSc	23. Muneera Al-Duailej	Assessment of NT-proBNP level and other cardiac biomarkers in Saudi Arabian women taking combined oral contraceptive pills	Imam Abdulrahman Bin Faisal University
2014-2016	MSc	24. Hawra Alsalman	The frequency of IRS1 Gly972Arg polymorphism and its relationship and its relationship with the incidence of type 2 Diabetes mellitus in the Eastern Province of KSA	Imam Abdulrahman Bin Faisal University
2012-2014	MSc	25. Fatima Al-Tauroti	Hepatitis B genotypes among Saudi patients with chronic Hepatitis B in King Fahd Hospital	Imam Abdulrahman Bin Faisal University
2010 – 2012	MSc	26. Lama Turki Al-Subiae	Relationship between vitamin D, calcium and parathyroid hormone among young healthy adults in the Eastern Province of Saudi Arabia	Imam Abdulrahman Bin Faisal University
2008 - 2010	MSc	27. Amani Al-Dakhil	Application of anti-cyclic citrullinated peptide antibody (anti-CCP) in diagnosis and differentiation of Rheumatid Artheritis	Imam Abdulrahman Bin Faisal University
2003 - 2005	MSc	28. Imranul Mawa	Isolation and characterization of <i>Vibrio cholerae</i> from Kuantan River, Pahang, Malaysia	International Islamic University Malaysia

### Graduate thesis examination:

**MSc thesis title** “Establishment of In-House Quantitative Reverse Transcriptase-Polymerase Chain Reaction (RT-PCR) Multiplex Assay and RNA Isolation Kit for The Diagnosis of COVID-19 Infection” *Student name:* Osama Ezzeldin Abdelazim Abdelhadi, Alfaisal University, 26 June, 2022.

**MSc thesis title** “Effects of TGF- $\beta$  Induced Epithelial-Mesenchymal Transition Cells on Induction of Colorectal Cancer Stem Cells” *Student name:* Saleh alghafis, King Faisal University, 13 June, 2022.





**PhD thesis title** “Green Synthesis of Nanoparticles by Marine Macroalgae with Assessment of Their Anticancer and Antimicrobial Potential” *Student name:* Sabiha Mahmood Ansari, King Saud University, 26 April 2020.

**PhD thesis title** “The Effect of Virulence Factors of *Staphylococcus epidermidis* on mechanism of adhesion to intravascular cannulae” *Student name:* Ghadah Salim Abusalim, King Saud University, 21 April 2020.

**PhD thesis title** “Biosynthesis of Silver Nanoparticles (AgNPs) using some plants extract and their phytochemical activity against some human pathogenic bacteria” *Student name:* Jawaher Ibrahim Alahadeb, King Saud University, 26 December 2019.

**PhD thesis title** “Studies on alkaline protease enzyme produced by a halophilic Bacillus isolated from the Kingdom of Saudi Arabia” *Student name:* Eidah Al-Khalidy, University of Dammam, 2014.

**MSc thesis title** “Infection of Renal Transplant Patients with Kaposi’s Sarcoma and Hepatitis C Viruses as measured by Real Time PCR Technique” *Student name:* Amirah Habib Haikal, University of Dammam, 2011.

**MSc thesis title** “Effect of *Nigella sativa* supplementation on the eradication of *Helicobacter pylori* infection in patients with non-ulcer dyspepsia” *Student name:* Eyad M. Salem, University of Dammam, 2009.

**PhD thesis title** “Genetic bases of methicillin susceptible and Methicillin resistant Staphylococci” *Student name:* Omer Mohamed Khalil, Sudan University of Science and Technology, 2006.

**MSc thesis title** “Isolation and antimicrobial susceptibility of Enteropathogenic Escherichia coli and *E. coli* O157:H7” *Student name:* Hind Haider, Juba University, 2006.



## Scientific Consultations

#	From	To	Institute	Full-time or Part-time
Year (s)	Name of review committee		Institution/organization	
2024	Evaluation of PhD program in Clinical Laboratory Sciences		King Abdulaziz University	
2024	Evaluation of Master of Science program in Molecular Diagnostics,		<b>Prince Sultan Military College of health Sciences,</b> Saudi Arabia.	
2023	Evaluation MSc program in Clinical Laboratory Sciences		Umm Al-Qura University, Saudi Arabia.	
2021	Program Accreditation		Department of Clinical Laboratory Science, Prince Sultan Military College of Health Sciences, Saudi Arabia	
2021	Evaluation of bachelor's degree program in Clinical Laboratory Science		University of Hafr Al Batin	
2012	Evaluation of Medical Laboratory Technology program		Dar Al-Uloom University	

## Last Update

20/10/2024