



FACULTY FULL NAME: Omar Soliman Mohamed El-Masry

POSITION: Assistant Professor

Personal Data

Nationality | Egyptian

Date of Birth | 18/6/1981

Department | Clinical Laboratory Sciences

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Language Proficiency

Language	Read	Write	Speak
Arabic	Mother tongue	Mother tongue	Mother tongue
English	Fluent	Fluent	Fluent
Others			

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
20/7/2012	Ph.D.	University of Sheffield	UK
12/2006	Master	University of Alexandria	Egypt
05/2002	BSc.	University of Alexandria	Egypt

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

PhD	Studies on the role of AMP-activated protein kinase (AMPK) in breast cancer: potential implications for therapeutic targeting
Master	Consequences of the diabetic status on testicular oxidative damage in experimental animals: Role of antioxidant treatment
Fellowship	



Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work	Date	
Assistant Professor	IAU, KSA	2/2014	Present
Lecturer	MRI, Univ. of Alexandria, Egypt	On leave	On leave
Assistant Lecturer	MRI, Univ. of Alexandria, Egypt	12/2006- 10/2012	12/2006- 10/2012
Demonstrator	MRI, Univ. of Alexandria, Egypt	1/2003- 12/2006	1/2003- 12/2006

Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date
Bridging program Coordinator	CLS department	2017-current
Member of CLS accreditation committee	CLS department	2016-2021
Member of CLS examination committee	CLS department	2021-current
Member of CLS master program academic accreditation committee (head of vision, mission, and goals subcommittee)	CLS department	2022- current

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
1	Faisal M Alzahrani, Asma A Al Faris, Layla A Bashawri, Fathelrahman Mahdi Hassan, Omar S El-Masry, Maryam A Aldossary, Osama Al Sultan, J Francis Borgio, Mohammed A Alsahli, Anne Goodeve	Phenotypic and Genotypic Signatures of VWF Exon 18 in Eastern Saudi Patients Previously Diagnosed with Type 1 von Willebrand Disease	International Journal of General Medicine, 2022.
2	Omar S. El-Masry & Muzaheed.	Incidence and assessment of demography-related	Pak J Med Sci March - April 2022 (Part-II) Vol. 38 No. 4



		risk factors associated with pulmonary tuberculosis in Saudi Arabia: A retrospective analysis.	
3	Omar S. El-Masry , Abeer A. Alshwareb, Fatimah H. Alnasser, Sukainah G. al mishaal, Khaldoon M. Alsamman	. Whole-transcriptome Bioinformatics revealed HTRA3, KRT8, KRT17 and RHEX as novel targets in acute myeloid leukemia.	Journal of Taibah University Medical Sciences; 2022
4	Omar S. El-Masry , Hussain Abdullah Alhawaj, Muaz O. Fagere, Amani Y. 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.
5	Omar S. El-Masry , Ali M. Alamri, Faisal Alzahrani, Khaldoon Alsamman.	ADAMTS14, ARHGAP22, and EPDR1 as potential novel targets in acute myeloid leukaemia.	Heliyon; Heliyon 8 (2022) e09065. https://doi.org/10.1016/j.heliyon.2022.e09065
6	Muzaheeda, Bashayer A. Alshehri, Ali A. Rabaan, Omar S. El-Masry , Sadananda Acharya, Faisal M. Alzahrani, Abbas Al Mutair, Saad Alhumaid, Jaffar A. Al-Tawfiq, Javed Muhammad, Amjad Khan, Kuldeep Dhama, Awad Al-Omari.	A 20-year retrospective clinical analysis of Candida infections in tertiary centre: Single-center experience.	J Infect Public Health. 2022 Jan; 15(1):69-74. doi: 10.1016/j.jiph.2021.11.014.



7	EI-Masry OS, Goja A, Rateb M, Owaidah AY, Alsamman K.	RNA sequencing identified novel target genes for <i>Adansonia digitata</i> in breast and colon cancer cells.	Sci Prog. 2021 Jul-Sep; 104(3):368504211032084. doi: 10.1177/00368504211032084.
8	Muzaheed M, EI-Masry OS, Rabaan AA, Alzahrani F, Alomar A, Farooqi FA.	Comparative cross-sectional assessment of knowledge, attitude and practice among university students and employees towards the use of the microbiology laboratory equipment.	F1000Res. 2021 Feb 16; 10:117. doi:10.12688/f1000research.49923.2.
9	EI-Masry OS.	Simple statistical insights into the COVID-19 data of Saudi Arabia: figures prior to vaccination campaign [version 2; peer review: 1 approved].	F1000Research 2021, 10:410. doi.org/10.12688/f1000research.52600.2
10	EI-Masry OS, Al-Amri AM, Alqatari A, Alsamman K.	RNA sequencing-based identification of potential targets in acute myeloid leukemia: A case report.	Biomed Rep. 2020 Nov; 13(5):42. doi: 10.3892/br.2020.1349. Epub 2020 Aug 27.
11	EI-Masry OS, Brown BL, Dobson PRM.	AMPK Activation of Apoptotic Markers in Human Breast Cancer Cell Lines with Different p53 Backgrounds: MCF-7, MDA-MB-231 and T47D Cells.	Asian Pac J Cancer Prev. 2019 Dec 1; 20(12):3763-3770. doi: 10.31557/APJCP.2019.20.12.3763.
12	AlSadah K, S EI-Masry O, Alzahrani F, Alomar A, Ghany	Reporting Clinical Laboratory Critical Values: A Focus On The	J Ayub Med Coll Abbottabad. 2019 Oct-Dec; 31(4):612-618.



	MA.	Recommendations Of The American College Of Pathologists.	
13	Alharbi, M., Yahia, M., Rashed, M. and EI-Masry, O.	Association between Pentraxin-3 and Cardiac Troponin-I with Left Ventricular Systolic Function in Patients with Anterior ST-Segment Elevation Myocardial Infarction: Evaluation by Speckle Tracking Echocardiography.	World Journal of Cardiovascular Diseases(2019), 9, 57-68. doi: 10.4236/wjcd.2019.92007.
14	Alsamman K, EI-Masry OS.	Staurosporine alleviates cisplatin chemoresistance in human cancer cell models by suppressing the induction of SQSTM1/p62.	Oncol Rep. 2018 Oct; 40(4):2157-2162. doi: 10.3892/or.2018.6615.
15	EI-Masry, O. , Youssef, A.	Targeting β -catenin and cytochrome p450 (1B1) by Ellagic Acid in Colon Cancer Cell Lines: Implications for Treatment Applications.	Bulletin of Egyptian Society for Physiological Sciences, 2022; 38(2): 137-148. doi: 10.21608/besps.2018.8161
16	Yahia, M., EImasry, O. and Ra'ouf, M.	The Relationship between Serum Pentraxin-3 Levels and Severity of Coronary Heart Disease.	World Journal of Cardiovascular Diseases(2018), 8, 370-380. doi: 10.4236/wjcd.2018.87036.
17	Alsamman K, EI-Masry OS.	Interferon regulatory factor 1 inactivation in human cancer.	Biosci Rep. 2018 May 8; 38(3):BSR20171672. doi: 10.1042/BSR20171672.
18	Alsamman K, Zhang X, Vatte	Novel IRF-1 Mutations in a	Asian Pac J Cancer Prev. 2017 Oct 26; 18(10):2795-2801. doi:



	C, Al Hamad M, EI-Masry OS , Owaidah AY, Alzahrani F, Lin Y.	Small Cohort of Leukaemia Patients From Saudi Arabia.	10.22034/APJCP.2017.18.10.2795.
19	Alsamman K, EI-Masry OS .	Developmental Phases of Anticancer Screening Models.	Comb Chem High Throughput Screen. 2017; 20(5):440-450. doi: 10.2174/1386207319666161226142822.
20	Yousef Al, EI-Masry OS , Abdel Mohsen MA.	Impact of Cellular Genetic Make-up on Colorectal Cancer Cell Lines Response to Ellagic Acid: Implications of Small Interfering RNA.	Asian Pac J Cancer Prev. 2016; 17(2):743-8. doi:10.7314/apjcp.2016.17.2.743.
21	Yousef Al, EI-Masry OS , Yassin EH.	The anti-oncogenic influence of ellagic acid on colon cancer cells in leptin-enriched microenvironment.	Tumour Biol. 2016 Oct; 37(10):13345-13353. doi: 10.1007/s13277-016- 5284-7.
22	EI-Masry OS , Al-Sakkaf K, Brown BL, Dobson PR.	Differential crosstalk between the AMPK and PI3K/Akt pathways in breast cancer cells of differing genotypes: Leptin inhibits the effectiveness of AMPK activation.	Oncol Rep. 2015 Oct; 34(4):1675-80. doi: 10.3892/or.2015.4198.
23	EI-Masry OS , Brown BL, Dobson PR.	Effects of activation of AMPK on human breast cancer cell lines with different genetic backgrounds.	Oncol Lett. 2012 Jan; 3(1):224-228. doi: 10.3892/ol.2011.458.

Refereed Scientific Research Papers Accepted for Publication

#	Name of Investigator(s)	Research Title	Journal	Acceptance Date
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Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

#	Name of Investigator(s)	Research Title	Conference and Publication Date
1	Omar S. El-Masry & Khaldoon Alsamman	The regulated PI3K-related genes in acute and chronic leukemia patient samples: data from whole-genome RNA sequencing profiles	The PI3K/PTEN pathway: from basic science to clinical translation (British society of biochemistry), July 2019 – Buxton – UK - Poster
2	Omar S. El-Masry	Therapeutic targeting of AMP activated protein kinase (AMPK) in breast cancer: Hopes and limitation	78 th Harden Conference (Protein kinases in health and disease (British society of biochemistry) September 2015, Winchester – UK - Poster
3	Omar S. El-Masry	Abstract A79: Evidence that the antitumor effects of AMPK activation and crosstalk with the Akt pathway are dependent on the genetic profiles of human breast cancer cell types.	Molecular Cancer Therapeutics 10 (11 Supplement), A79-A79, 2011 (American Association for Cancer Research; AACR), San Francisco - USA
4	Pauline Dobson, John Collins, Omar El-Masry, Mary Goldring & Barry Brown	Activation of AMP-activated protein kinase represses chondrocytes proliferation	Endocrine Abstracts (2009) 19 P21. The annual meeting of the British Society of Endocrinology

Completed Research Projects

#	Name of Investigator(s) (Supported by)	Research Title	Report Date
2016	(2016-291-CAMS) Khaldoon Alsamman & Omar El-Masry Deanship of Scientific Research, Imam Abdulrahman Bin Faisal University	The role of p62 in chemo-resistance in ovarian cancer	2021
2017	(CAMS-2017-099; Completed) Omar El-Masry, Khaldoon Alsamman, Hussain AlHawaj Deanship of Scientific Research, Imam	Design and Validation of therapeutic agents for leukemia based on RNA sequencing-Whole genome expression profile	2021



Abdulrahman Bin Faisal University	
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Current Researches

#	Research Title	Name of Investigator(s)
	Design and Validation of therapeutic agents for leukemia based on RNA sequencing-Whole genome expression profile (phase 2).	Omar El-Masry, Khaldoon Alsamman, Faisal Alzahrani, Amani Owaidah
	Nanoformulations of Adiponectin and Caffeloquinc Acid Derivatives as Promising Therapeutic Agents in Type 2 Diabetes and Obesity, In Vitro and In Vivo Studies	Mohamed Elsaadany, Omar El-Masry
	Diagnostic test-ordering capacity and the overuse of clinical chemistry laboratory: A particular focus on cardiovascular diseases	Abeer Alshwareb, Omar El-Masry, Mostafa Rashed

Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
	2nd Annual Saudi Laboratory and Diagnostic Congress	Virtual meeting- organized by Saudi Society for Clinical Laboratory Sciences 20-22 /2/2022	Attendance
	Reprogramming of the epigenome in embryogenesis	Webinar- organized by Biochemical society, UK 3/9/2020	Attendance
	The PI3K/PTEN pathway: from basic science to clinical translation	The Palace Hotel, Buxton, UK18-20 July 2019	Poster presentation
	A symposium on Laboratory medicine: current aspects and future prospects	King Fahd University Hospital 19-20/9/2016	attendance
	78 th Harden conference: Protein kinases in health and disease	Winchester, UK15-18/9/2015	Poster presentation
	Annual Scientific Research Update	University of Dammam 5-7/4/2015	attendance
	Advanced hematology and transfusion science symposium	King Fahd University Hospital 27-29/4/2014	attendance
	Advanced hematology and transfusion symposium (immediate morphology workshop and intermediate transfusion workshop)	King Fahd University Hospital 30/4/2014	attendance
	The first annual meeting of	Holiday Inn. Alkhobar13/12/2015	attendance



the Saudi immunology group		
Conference on clinical, pathologic and molecular medicine (University of Dammam & Wayne state University)	King Fahd University Hospital 15-19/2/2015	attendance
The American association of cancer research (AACR) meeting on molecular targets and cancer therapeutics	San Francisco, USA (12-16/11/2011).	Poster presentation
The British Society of Endocrinology (BSE) annual meeting	Harrogate, UK, 16-19/03/2009.	Poster presentation
The UK mesenchymal stem cell meeting, University of Sheffield	Sheffield, UK, 08/01/2009.	Attendance
The 11th conference of the medical research institute, University of Alexandria	Alexandria, Egypt (2005)	Attendance
The 12 th conference of the medical research institute, University of Alexandria (advances in medical research)	Alexandria, Egypt (2006)	Attendance
Academic Supervision	The Vice Presidency for Academic Affairs at Imam Abdulrahman bin Faisal University (2021)	Attendance
Orientation on DQAA electronic applications	Deanship of quality and academic accreditation, Imam Abdulrahman Bin Faisal University (2021)	Attendance
From urgent distant learning to professional distant learning	Deanship of academic development, Imam Abdulrahman Bin Faisal University (2020)	Attendance
Active Learning in Higher Education	Deanship of academic development, Imam Abdulrahman Bin Faisal University (2020)	Attendance
Author Workshop in Scholarly Publishing	Imam Abdulrahman Bin Faisal University (2017)	Attendance
Work shop on research methods	Faculty and leadership development centre (FLDC), University of Alexandria, Egypt (2018)	Attendance
Design and production of digital content	Faculty and leadership development centre (FLDC), University of Alexandria, Egypt (2018)	Attendance
Faculty mentorship	Deanship of academic	Attendance



certification program	development, Imam Abdulrahman Bin Faisal University (2018)	
Alternative & Effective Assessment Methods (Performance Assessment, Portfolio, etc)	Deanship of academic development, Imam Abdulrahman Bin Faisal University (2018)	Attendance
Developing a Plan for Academic Program Assessment	The Vice Presidency for Academic Affairs at Imam Abdulrahman bin Faisal University (2018)	Attendance
Facilitating Metacognition in the Classroom	Deanship of academic development, Imam Abdulrahman Bin Faisal University (2017)	Attendance
Publishing your research	Information Learning and Research Commons, Deanship of Library Affairs (2017)	Attendance
Topic Selection , Definition" & "Performance Evaluation	The Vice Presidency for graduate studies and scientific research at Imam Abdulrahman bin Faisal University (2016)	Attendance
Using multiple choice items to test higher-order thinking skills	Deanship of academic development, Imam Abdulrahman Bin Faisal University (2017)	Attendance
Student learning outcomes	Deanship of academic development, Imam Abdulrahman Bin Faisal University (2017)	Attendance
Avoiding common teaching mistakes	Deanship of academic development, Imam Abdulrahman Bin Faisal University (2016)	Attendance
Analyzing and reading test's results	Deanship of academic development, Imam Abdulrahman Bin Faisal University (2016)	Attendance
Alternative and effective assessment methods(performance assessment, portfolio & projects)	Deanship of academic development, Imam Abdulrahman Bin Faisal University (2015)	Attendance
Advanced teaching strategies in higher education	Deanship of academic development, Imam Abdulrahman Bin Faisal University (2014)	Attendance
Checklist of activities towards NCAAA accreditation: Phase I & II	Deanship of quality and academic accreditation, Imam Abdulrahman Bin Faisal University (2014)	Attendance



References management systems	Faculty and leadership development centre (FLDC), University of Alexandria, Egypt (2012)	Attendance
Quality standards in teaching	Faculty and leadership development centre (FLDC), University of Alexandria, Egypt (2012)	Attendance
Time & conferences management	Faculty and leadership development centre (FLDC), University of Alexandria, Egypt (2008)	Attendance
Effective presentation skills	Faculty and leadership development centre (FLDC), University of Alexandria, Egypt (2008)	Attendance
Credit hours	Faculty and leadership development centre (FLDC), University of Alexandria, Egypt (2008)	Attendance
Thinking skills	Faculty and leadership development centre (FLDC), University of Alexandria, Egypt (2006)	Attendance
Code of ethics	Faculty and leadership development centre (FLDC), University of Alexandria, Egypt (2006)	Attendance
Teaching with technology	Faculty and leadership development centre (FLDC), University of Alexandria, Egypt (2006)	Attendance
Effective teaching skills	Faculty and leadership development centre (FLDC), University of Alexandria, Egypt (2005)	Attendance
Faculty preparation workshop	Faculty of education, University of Alexandria, Egypt (2004)	Attendance

Membership of Scientific and Professional Societies and Organizations

- Associate member of the American society for cancer research (AACR) (2010-2016)
- Early career member of the British society for biochemistry (Biochemical Society) (2011- current)

Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Medical Instrumentation	MLT-213	Teaching (2015- present)
2	Laboratory Instrumentation (bridging)	MLT-203B	Teaching & coordination (2015/2016 – 2018/2019 term 1)



3	Clinical Chemistry I	MLT-222	Teaching (2015-2016 – present)
4	Clinical Chemistry II	MLT-312	Coordination and teaching (2016-2017-present) coordinated the course 2019-2020- present
5	Clinical Chemistry I (bridging)	MLT-304B	Coordination and teaching (2014/2015 – 2018/2019 term 2)
6	Introduction to clinical chemistry (bridging)	MLT-103B	Coordination and teaching (2017/2018 term 2)
7	Clinical chemistry II (bridging)	MLT-308B	Coordination and teaching (2016/2017 – 2019/2020 term 1)
8	Clinical chemistry hospital rotation	MLT-422	Coordination and teaching (2015/2016-present) coordinating the course since 2019-present
9	Clinical chemistry hospital rotation (bridging)	MLT-403B	Coordination and teaching (2016/2017 – 2019/2020 term 2)
10	Research methodology	HIMT-325	Coordination and teaching (2015/2016-present) coordinating the course since 2019/2020 term 2 - present
11	Molecular biology	MLT-224	Teaching (2018/2019 term 2 – present)
12	Research projects	MLT-424	Students supervision (2016/2017 – present)
13	Diagnostic Histotechnology & Cytology Rotation	MLT-413	Teaching (2020/2021 – present)

Brief Description of Undergraduate Courses Taught: (Course Title – Code: Description)

Postgraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Pathology and molecular basis of disease	CLS-701	Teaching (2019-2020 term 1 – present)
2	Research methodology	CLS-702	Teaching (2019-2020 term 1 – present)
3	Research methodology	MLT-835	Teaching (2016/2017 / 2019/2020 term 1)
4	Student seminar-I	MLT-704	supervision
5	Student seminar-II	MLT-705	supervision
6	Thesis (lecture)	MLT-799	supervision
7	Master Degree Thesis	MLT -841	supervision
8	Medical Ethics	MLT-823	Teaching (2018/2019 term 2)
9	Techniques of Molecular Biology	MLT-812	Teaching
10	Lab Management & Quality Control Assurance	MLT-811	Teaching (2016/2017)
11	Path&Molecular Basis of Diseases	MLT-821	Teaching (2016/2017 - 2018-2019)



Communication Skills	MLT-822	Coordination and teaching (2016/2017)
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Brief Description of Postgraduate Courses Taught: (Course Title – Code: Description)

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2	

Course Coordination

#	Course Title and Code	Coordinati on	Co- coordination	Underg rad.	Postgr ad.	From	To
1	Clinical Chemistry II MLT-312	Yes		Yes		2019/2020	current
2	Clinical Chemistry I (bridging) MLT-304B	Yes		Yes		2014/2015	2018/2019
3	Laboratory Instrumentation (bridging) MLT-203B	Yes		Yes		2015/2016	2018/2019
4	Clinical chemistry II (bridging) MLT-308B	Yes		Yes		2016/2017	2019/2020
5	Clinical chemistry hospital rotation MLT-422	Yes		Yes		2019/2020	current
6	Clinical chemistry hospital rotation (bridging) MLT-403B	Yes		Yes		2016/2017	2019/2020
7	Research methodology HIMT- 325	Yes		Yes		2019/2020	current
8	Communication Skills MLT-822	Yes			Yes	2016/2017	2016/2017

Guest/Invited Lectures for Undergraduate Students

#	Activity/Course Title and Code	Subject	College and University or Program	Date



Student Academic Supervision and Mentoring

#	Level	Number of Students	From	To
	Master	1	2018	2022
	Master	1	2021	current
	Master	1	2022	current
	Master	1	2022	current
	Master	1	2022	current
	Undergraduate	2	2021	2022
	Undergraduate	2	2020	2021
	Undergraduate	1	2019	2020
	Undergraduate	2	2016	2017
	Undergraduate	3	2015	2016

Supervision of Master and/or PhD Thesis

#	Degree Type	Title	Institution	Date
	Master	Soluble sP-selectin and P-selectin Thr715Pro polymorphism association with cardiovascular disease in type 2 diabetes mellitus among Saudis from Eastern Saudi Arabia	Imam Abdulrahman Bin Faisal University	2018 - 2022

Ongoing Research Supervision

#	Degree Type	Title	Institution	Date
1	Master	The Cytogenetic and Immunophenotypic profile among Saudi Acute Myeloid Leukemia patients: Retrospective analysis for past five years in single centre	Imam Abdulrahman Bin Faisal University	Ongoing - Writing up - about to submit
2	Master	Circulating microRNA-92a as biomarker of cardiovascular disease in CKD patients	Imam Abdulrahman Bin Faisal University	2022
3	Master	Identification of Thrombomodulin C1418T Gene polymorphism in Patients with Myocardial	Imam Abdulrahman Bin Faisal University	2022



		Infarction in Eastern Province Saudi Arabia		
4	Master	Quantitative validation of RNA sequencing gene expression levels of COX 7B, RPL34, RPL36A, and LDB1 in CML patients' blood by quantitative qRT-PCR: Analysis of SNP/INDEL variants	Imam Abdulrahman Bin Faisal University	2022

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

Administrative Responsibilities

#	From	To	Position	Organization
	2017	current	Bridging program coordinator	CLS department, IAU

Committee Membership

#	From	To	Position	Organization
	2022	current	Member of CLS master program academic accreditation committee (head of vision, mission, and goals subcommittee)	CLS department
	2021	present	Member of examination committee	CLS department
	2016	2021	Member of quality and accreditation committee (Team of excellence)	CLS Department

Scientific Consultations

#	From	To	Institute	Full-time or Part-time

Volunteer Work

#	From	To	Type of Volunteer	Organization
			Participation in "Idonate activity" organized by the	Imam Abdulrahman Bin Faisal university



			department of CLS at KFUH on 2015	
			Participation in “The Smart use of Antibiotics” organized by the department of CLS 2015	Imam Abdulrahman Bin Faisal university
			Blood donation during blood donation campaign organized by the blood bank at KFUH 2015	Imam Abdulrahman Bin Faisal university
			Supervision on Bridging students “Career forum” 2015	Imam Abdulrahman Bin Faisal university
			Supervision on Bridging students “Career forum” 2016	Imam Abdulrahman Bin Faisal university
			Participation in “Back to normal life with COVID-19 vaccine” organized by the college of applied medical sciences 2021	Imam Abdulrahman Bin Faisal university

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

1	Molecular biology techniques
2	Cell culture
3	Experience with animal models
4	Computer
5	Biostatistics



6 Experience with reading and analyzing bioinformatics data

Last Update

...8.../...9.../2022