



DR. KHALDOON ALSAMMAN

ASSOCIATE PROFESSOR (Molecular Genetics & Cell Biology)

Personal Data

Nationality | Saudi

Date of Birth | 01 OCT 1984

Department | Clinical Laboratory Sciences (CLS)

College | Applied Medical Sciences (CAMS)

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Language Proficiency

Language	Read	Write	Speak
Arabic	√	√	√
English	√	√	√

Academic Qualifications

Date	Academic Degree	Place of Issue	Address
2012	PhD in Molecular Medicine	University of Edinburgh	Edinburgh, U.K
2008	MSc (Distinction) in Biotechnology	University of Abertay Dundee	Dundee, U.K
2007	BSc (Hons) in Biotechnology	University of Abertay Dundee	Dundee, U.K

PhD, Master or Fellowship Research Title:

PhD	Chemical genetic manipulation of interferon regulatory factor 1 (IRF-1) using synthetic biology
MSc	Analyzing and characterizing stress signaling pathways in an Epidermolysis bullosa simplex cell model
BSc	Studies on the effects of sub-minimal inhibitory concentrations of antibiotics on <i>Staphylococcus aureus</i> protein expression

Professional Record:

Job Rank	Place and Address of Work			Date
Associate Professor	Imam Abdulrahman bin Faisal University	Dammam	Saudi Arabia	February 2019
Assistant Professor	Imam Abdulrahman bin Faisal University	Dammam	Saudi Arabia	May 2013



Administrative Positions Held:

Administrative Position	Office	Date
Member of the Scientific Council	Imam Abdulrahman bin Faisal University	October 2021 – October 2023
Director of CLS Post-Graduate Program	Department of Clinical Laboratory Sciences, College of Applied Medical Sciences	January 2022 – January 2023
Vice Dean of Academic Affairs	College of Applied Medical Sciences, Imam Abdulrahman bin Faisal University	June 2016 - June 2022
Assistant Vice Dean of Academic Affairs	College of Applied Medical Sciences, Imam Abdulrahman bin Faisal University	December 2015 – June 2016

Scientific Achievements

Published Refereed Scientific Researches

- (<https://scholar.google.com/citations?user=dwkhZF8AAAAJ&hl=en>)
- (<https://orcid.org/0000-0003-0068-5516>)

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
1	Yamani, Lamya Z.; Alsamman, Khaldoon ; EL-MASRY, Omar	Optimizing Western Blotting Immunodetection: Streamlining Antibody Cocktails for Reduced Protocol Time and Enhanced Multiplexing Applications.	Biology Methods & Protocols, 2024
2	Abeer M Al-Subaie, Balu Kamaraj, Fazil Ahmad, Khaldoon Alsamman	Unraveling the molecular mechanism of novel leukemia mutations on NTRK2 (A203T & R458G) and NTRK3 (E176D & L449F) genes using molecular dynamics simulations approach	F1000 Research Limited, 2024
3	Khaldoon Alsamman , Ali M. Alamri, Chittibabu Vatte, Amani Y. Owaidah, Fatimah Alhassan, Ruba Mubarak, Omar S. El-Masry	Potential candidate genes for therapeutic targeting in chronic myeloid leukemia: A pilot study.	Asian Pacific Journal of Cancer Prevention, 2023
4	Abeer M Al-Subaie, Balu Kamaraj, Fazil Ahmad, Khaldoon Alsamman	Unraveling the molecular mechanism of novel leukemia mutations on NTRK2 (A203T & R458G) and NTRK3 (E176D & L449F) genes using molecular dynamics simulations approach	F1000 Research Limited, 2023
5	Omar S El-Masry, Abeer A Alshwareb, Fatimah H Alnasser, Khaldoon Alsamman	Whole-transcriptome bioinformatics revealed HTRA3, KRT8, KRT17, and RHEX as novel targets in acute myeloid leukaemia	Journal of Taibah University Medical Sciences, 2022
6	Omar S. El-Masry, Ali M. Alamri, Faisal Alzahrani, Khaldoon Alsamman	ADAMTS14, ARHGAP22, and EPDR1 as potential novel targets in acute myeloid leukaemia	Heliyon, 2022
7	Omar S El-Masry, Hussain Abdullah Alhawaj, Muaz O Fagere, Amani Y Owaidah, Aisha Alamri, Khaldoon Alsamman	Oral Intra-gastric DMBA Administration Induces Acute Lymphocytic Leukemia and Others Tumors in Male Wistar Rats	Journal of Experimental Pharmacology, 2022
8	Omar S. El-Masry, Arafat Goja, Mostafa Rateb, Amani Y Owaidah, and Khaldoon Alsamman	RNA sequencing identified novel target genes for Adansonia digitata in breast and colon cancer cells	Sage, 2021
9	OMAR S. EL-MASRY, ALI M. AL-AMRI, AHLAM ALQATARI and KHALDOON ALSAMMAN	RNA sequencing-based identification of potential targets in acute myeloid leukemia: A case report	BIOMEDICAL REPORTS, 2020
10	Balu Kamaraj, Abeer Mohammed Al-Subaie, Fazil Ahmad, Krishna Mohan Surapaneni & Khaldoon Alsamman	Effect of novel leukemia mutations (K75E & E222K) on interferon regulatory factor 1 and its interaction with DNA: insights from molecular dynamics simulations and docking studies	Taylor & Francis, 2020
11	Nasreldin Elhadi, Reem Aljindan, Khaldoon Alsamman , Amer Alomar, Mohammed Aljeldah	Antibiotic resistance and molecular characterization of enteroaggregative Escherichia coli isolated from patients with diarrhea in the Eastern Province of Saudi Arabia	Cell Press, 2020



12	Qingshui Wang, Xiuli Zhang, Ling Chen, Shuyun Weng, Yun Xia, Yan Ye, Ke Li, Ziqiang Liao, Pengchen Chen, Khaldoon Alsamman , Chen Meng, Craig Stevens, Ted R. Hupp, Yao Lin	Regulation of the Expression of DAPK1 by SUMO Pathway	Biomolecules, 2019
13	Faraz Ahmad, Mohammad Salahuddin, Khaldoon Alsamman , Abdulaziz A AlMulla, Khaled F Salama	Developmental lead (Pb)-induced deficits in hippocampal protein translation at the synapses are ameliorated by ascorbate supplementation	Neuropsychiatric Disease and Treatment, 2018
14	Khaldoon Alsamman & Omar S. El-masry	Staurosporine overcomes cisplatin chemoresistance in human cancer cell models by suppressing the induction of SQSTM1/p62	Oncology Reports, 2018
15	Widyan Ahmed Alamoudi, Faraz Ahmad, Sadananda Acharya, Shafiul Haque, Khaldoon Alsamman , Hatem K. Herzallah, Sultan T. Al-Otaibi	A simplified colorimetric method for rapid detection of cell viability and toxicity in adherent cell culture systems	J. BUON, 2018
16	Faraz Ahmad, Widyan Alamoudi, Shafiul Haque, Mohammad Salahuddin, Khaldoon Alsamman	Simple, reliable, and time-efficient colorimetric method for the assessment of mitochondrial function and toxicity	Bosnian Journal of Basic Medical Sciences, 2018
17	Faraz Ahmad, Mohammad Salahuddin, Khaldoon Alsamman , Hatem K. Herzallah and Sultan T. Al-Otaibi	Neonatal maternal deprivation impairs localized de novo activity-induced protein translation at the synapse in the rat hippocampus	Bioscience Reports, 2018
18	Khaldoon Alsamman & Omar S. El-masry	Interferon regulatory factor 1 inactivation in human cancer	Bioscience Reports, 2018
19	Reem Aljindan, Khaldoon Alsamman, Nasreldin Elhadi	ERIC-PCR Genotyping of Acinetobacter baumannii Isolated from Different Clinical Specimens	Wolters Kluwer – Medknow, 2018
20	Khaldoon Alsamman , Xiuli Zhang, Chittibabu Vatte, Mohammad Al Hamad, Omar S El-Masry, Amani Y Owaidah, Faisal Alzahrani, Yao Lin	Novel IRF-1 Mutations in a Small Cohort of Leukaemia Patients from Saudi Arabia	Asian Pacific Journal of Cancer Prevention, 2017
21	Baha Abdalhamid, Nasreldin Elhadi; Samar Albunayan; Khaldoon Alsamman ; & Reem Aljindan	First Description of Methyltransferases in Extensively Drug Resistant Klebsiella pneumoniae Isolates from Saudi Arabia	Journal of Medical Microbiology, 2017
22	Khaldoon Alsamman & Omar S. El-masry	Developmental Phases of Anticancer Screening Models	Combinatorial Chemistry & High Throughput Screening, 2017
23	Nasreldin Elhadi & Khaldoon Alsamman	Genetic relatedness of Acinetobacter baumannii isolated from different clinical specimens in a teaching hospital in Eastern Province, Saudi Arabia	Saudi Journal of Medicine & Medical Sciences, 2017
24	Baha Abdalhamida, Nasreldin Elhadi, Khaldoon Alsamman , & Reem Aljindan	Chryseobacterium gleum pneumonia in an infant with nephrotic syndrome	ID cases, Elsevier, 2016
25	B. Abdalhamid, N. Elhadi, N. Alabdulqader, K. Alsamman & R. Aljindan	Rates of gastrointestinal tract colonization of carbapenem-resistant Enterobacteriaceae and Pseudomonas aeruginosa in hospitals in Saudi Arabia	New Microbes and New Infections, Elsevier, 2016
26	Nasreldin Elhadi & Khaldoon Alsamman	Incidence and antimicrobial susceptibility pattern of extended-spectrum-β-lactamase-producing Escherichia coli isolated from retail imported mackerel fish	African Journal of Biotechnology, 2015
27	Terry A. Gray, Khaldoon Alsamman , Euan Murray, Andrew H. Simsc & Ted R. Hupp	Engineering a synthetic cell panel to identify signaling components reprogrammed by the cell growth regulator anterior gradient-2	Molecular BioSystems The Royal Society of Chemistry, 2014

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. Buxton, UK. July 2019
2	Khaldoon Alsamman	Identification of IRF-1 downstream targets using microarray study	The 3rd joint meeting on the role of p53, mdm2, AGR2/3 and ubiquitin/chaperone system in tumor biology. Brno, Czech Republic. September 2010



Research Funding

#	Name of Investigator(s) (Supported by)	Research Title	Date and Amount
1	Khaldoon Alsamman (Principle Investigator) , Deanship of Scientific Research, University of Dammam	IRF-1 inactivation in human leukemia among Saudi population	2014 – SAR 91,900
2	Khaldoon Alsamman (Principle Investigator) , Deanship of Scientific Research, University of Dammam	Investigation of the signaling pathways controlling TSC2 mediated DAPK degradation	2015 – SAR 197,200
3	Khaldoon Alsamman (Principle Investigator) , Deanship of Scientific Research, University of Dammam	The role of p62 in chemo-resistance in ovarian cancer	2016 – SAR 130,465
4	Khaldoon Alsamman (Principle Investigator) , Deanship of Scientific Research, University of Dammam	A model for developing a novel therapeutic approach targeting the NRF2-KEAP1-SQSTM1 pathway in malignant ovarian carcinoma	2018 – SAR 199,805
5	Khaldoon Alsamman (Co-Investigator) , Deanship of Scientific Research, University of Dammam	Investigations on the Role of Sox2 Over-Expression in Breast Cancer Stem Cell	2015 – SAR 197,476
6	Khaldoon Alsamman (Co-Investigator) , Deanship of Scientific Research, University of Dammam	Determination of the potential role of recruited and locally secreted IL-1 β on Immunopathogenesis of atherosclerosis	2017 – SAR 100,900
7	Khaldoon Alsamman (Co-Investigator) , Deanship of Scientific Research, University of Dammam	HER2 Profiling of Circulating Microvesicles from Breast Cancer Patients as an Indicator of Response to Trastuzumab	2017 – SAR 793,075
8	Khaldoon Alsamman (Co-Investigator) , Deanship of Scientific Research, University of Dammam	Design and validation of therapeutic agents for leukemia based on RNA sequencing-whole genome expression profiles	2017 – SAR 364,390
9	Khaldoon Alsamman (Co-Investigator) , Deanship of Scientific Research, University of Dammam	Differentially expressed genes (DEGs) analysis on Leukemia Saudis population to identify the potential biomarkers by Bioinformatics approach	2019 – SAR 120.800
10	Khaldoon Alsamman (Co-Investigator) , Deanship of Scientific Research, University of Dammam	Genetic Analysis for Anonychia Congenita in a single Saudi family	2019 – SAR 80,000

Current Researches

#	Research Title	Name of Investigator
1	The role of SQSTM1 in ovarian tumors relapse	Khaldoon Alsamman
2	Mechanism of drug resistance in ovarian cancer	Khaldoon Alsamman
3	Bioinformatics analysis of whole transcriptome sequencing data of leukemic patients	Khaldoon Alsamman



Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
1	Allied Health Advancement & Management Symposium	Dammam, Saudi Arabia. October 2024	Attendance
2	The 9th transgenic technology meeting	Berlin, Germany. March 2010	Attendance
3	The 4th international genomics conference	Shenzhen, China. November 2009	Attendance
4	Advances in Molecular Biology	Dammam, Saudi Arabia. October 2014	Speaker

Membership of Scientific and Professional Societies and Organizations

- Member of Saudi Society for Genomics and Molecular Oncology
- Member of European Association for Cancer Research.
- Member of British Association for Cancer Research.
- Member of Saudi Cancer Foundation
- Member of Scottish Microbiological Society.
- Member of Abertay Biotechnology Society.

Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution
1	Molecular Biology	MLT214	Full lectures, Tutorials, and Labs
2	Human Genetics	MLT310	Full lectures and Tutorials

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

1	The course aims to provide student with the knowledge needed to help them in understanding nucleic acid structure and DNA packing to facilitate the understanding of DNA replication, transcription and translation.
2	The course aims to provide student with the knowledge needed to help them in understanding principles of inheritance and chromosomal divisions to facilitate the understanding of chromosomal abnormalities.



Postgraduate

#	Course/Rotation Title	No./Code	Extent of Contribution
1	Techniques in Molecular Biology	MSML812	Full lectures, Tutorials, and Labs
2	Genetics	MSML813	Full lectures and Tutorials
3	Molecular Immunology	CLS716	Full lectures and Tutorials
4	Pathology of Diseases	CLS702	Full lectures and Tutorials
5	Medical Genetics	CLS 728	Full lectures and Tutorials
6	Molecular Forensics	CLS 729	Full lectures and Tutorials plus labs
7	Bioinformatics	CLS 730	Full lectures and Tutorials plus labs
8	Biotechnology & Recombinant DNA Technology	CLS 731	Full lectures and Tutorials plus labs
9	Computational Biology	CLS 732	Full lectures and Tutorials plus labs
10	Techniques in Molecular Biology and Forensic Science	CLS 733	Full lectures and Tutorials plus labs

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

1	MSML812 The course aims to provide student with knowledge and skills to open their sight into research by training them on different molecular techniques ranging from plasmid cloning and engineering, PCR, Western blotting, qPCR, NGS, and tissue culture techniques.
2	MSML813 The course aims to provide student with the knowledge needed to help them in understanding details of cytogenetic diagnosis and molecular diagnostic of most common and rare human abnormalities seen around the world.
3	CLS716 The course focuses on advanced understanding of immune responses at molecular and functional levels of innate and acquired immunity, including: molecular mechanisms related to migration and recruitment of immune cells, molecular aspects of immune responses and regulation, cell signaling and activation; receptors and soluble mediators
4	CLS702 The course in Pathology of diseases introduces the mechanisms of disease and the morphology and clinical characteristics of a broad spectrum of disease entities. To acquaint the student with advanced topics in pathologic processes, the course will aim to provide a foundation for the understanding of the disease states at the molecular, cellular, tissue, and organ levels
5	CLS 728 The "Medical Genetics" course is designed to provide advanced knowledge and skills in the field of molecular genetics, with a specific focus on its applications in clinical laboratory science and medical genetics. This course delves into the principles of molecular genetics, including chromosome structure, cell division, and patterns of inheritance. It also explores medical genetics, covering topics such as hemoglobinopathies and cancer genetics, and examines genetic factors related to common diseases. medical genetics is a significant component, with a detailed exploration of congenital abnormalities, chromosome disorders, single gene disorders, and screening for genetic diseases. This course equips MSc students in clinical laboratory science with the knowledge and skills essential for interpreting and applying medical genetics in clinical and research settings.
6	CLS 729 Molecular Forensics is a specialized theoretical course designed for students in the molecular genetics track of the master's degree in clinical laboratory sciences. The course integrates theoretical knowledge with exposure to real-life cases, equipping students with essential skills for forensic DNA analysis. Topics covered include the principles of forensic genetics, DNA profiling, techniques for crime scene analysis, and the ethical considerations inherent in forensic applications.
7	CLS 730 This course in Bioinformatics is specifically designed to provide MSc students in clinical laboratory sciences with a comprehensive introduction to the field of bioinformatics. It aims to equip students with the



	knowledge and skills required to effectively utilize bioinformatics tools and software in their molecular genetics research. The course will cover fundamental concepts in bioinformatics and introduce students to essential online tools and software, with a particular focus on applications in PCR, qPCR, and cloning, thus bridging the gap between biological data and computational analysis.
8	CLS 731 The Biotechnology and Recombinant DNA Technology course is a fundamental component of the Molecular Genetic track within the Master's Degree in Clinical Laboratory Sciences. This course explores advanced concepts and techniques in biotechnology, focusing on the manipulation of genetic material and the application of recombinant DNA technology. Students will gain comprehensive insights into cutting-edge genomic technologies, preparing them for roles in clinical laboratories and research institutions.
9	CLS 732 The Computational Biology course, a cornerstone of the Molecular Genetic track within the master's degree in clinical laboratory sciences, is designed to provide students with a comprehensive understanding of the intersection between biological sciences and computational methods. Students will delve into advanced topics, acquiring the necessary skills to analyze molecular data, model biological systems, and apply computational tools to solve complex problems in molecular genetics. The course includes hands-on training on how to search computational biology platforms and extract information, with a focus on proteomics, metabolomics, in silico modeling, and non-coding RNA databases.
10	CLS 733 This course "Techniques in Molecular Biology and Forensic Science" explores cutting-edge methodologies and applications in molecular biology and forensic science, equipping students with hands-on skills and theoretical knowledge essential for careers in clinical laboratories, research institutions, and forensic settings. The course is designed to foster critical thinking, problem-solving, and ethical considerations in the application of molecular techniques.

Course Coordination

#	Course Title and Code	Coordination	Co-coordination	UG	PG	From	To
1	Molecular Biology	√		√		2013	Present
2	Human Genetics	√		√		2013	Present
3	Techniques in Molecular Biology	√			√	2013	Present
4	Medical Genetics		√		√	2013	Present
5	Molecular Immunology		√		√	2021	Present
6	Pathology of Diseases		√		√	2021	Present
7	Medical Genetics	√			√	2025	Present
8	Molecular Forensics	√			√	2025	Present
9	Bioinformatics	√			√	2025	Present
10	Biotechnology & Recombinant DNA Technology	√			√	2025	Present
11	Computational Biology	√			√	2025	Present
12	Techniques in Molecular Biology and Forensic Science	√			√	2025	Present

Student Academic Supervision and Mentoring

#	Level	Number of Students	From	to
1	CLS-Level Year IV	1 (Research Project)	2013	2014
2	CLS-Level Year IV	2 (Research Project)	2014	2015
3	CLS-Level Year IV	1 (Research Project)	2015	2016
4	CLS-Level Year IV	1 (Research Project)	2016	2017
5	CLS-Level Year IV	2 (Research Project)	2017	2018



6	CLS-Level Year IV	1 (Research Project)	2018	2019
7	CLS-Level Year IV	1 (Research Project)	2019	2020
8	CLS-Level Year IV	1 (Research Project)	2020	2021
9	CLS-Level Year IV	1 (Research Project)	2021	2022
10	CLS-Level Year IV	2 (Research Project)	2024	2025

Supervision of Master Thesis

#	Degree Type	Title	Institution	Date
1	MSc	Characterization of Acinetobacter spp Strain isolated from hospital in the Eastern Province of Saudi Arabia	Imam Abdulrahman bin Faisal University	2018
2	MSc	Molecular analysis and RNA sequencing-based identification of potential genes in chronic myelogenous leukemia	Imam Abdulrahman bin Faisal University	2021
3	MSc	The Role of p62 and Nrf2 in the Development of Chemoresistance in Ovarian Cancer Clinical Samples	Imam Abdulrahman bin Faisal University	2022
4	MSc	The Role of P62 and NRF2 in chemo-resistance in ovarian cancer cells-lines	Imam Abdulrahman bin Faisal University	2024

Committee Service

Committee Membership

#	From	To	Position	Organization
1	Sep. 2023	Present	Member of CLS PhD Program Development committee	CLS, Imam Abdulrahman bin Faisal University
2	Aug. 2023	Present	Head of CAMS Research Day Scientific Committee	CAMS, Imam Abdulrahman bin Faisal University
3	Aug. 2023	Present	Member of CLS Research and Innovation committee	CLS, Imam Abdulrahman bin Faisal University
4	Aug. 2021	Present	Head of NCAAA quality committee	CLS, Imam Abdulrahman bin Faisal University
5	Jan. 2017	Present	Member of CLS postgraduate program curriculum committee	CLS, Imam Abdulrahman bin Faisal University
6	Sep. 2016	Present	Curriculum development of (Health Track) preparatory year	Imam Abdulrahman bin Faisal University
7	Oct. 2014	Present	Head of Practical Training Initiative	Imam Abdulrahman bin Faisal University
8	Sep. 2013	Present	Member of Research Support Unit	CAMS, Imam Abdulrahman bin Faisal University
9	Sep. 2012	Dec. 2016	Head of Website committee	CAMS, Imam Abdulrahman bin Faisal University



Personal Key Competencies and Skills:

Personal level	Software: GelComapr II 6.6, SnapGene, & FinchTV
Personal level	Molecular Techniques: Genetic fingerprinting, Cloning, PCR, qPCR, cloning using homologous recombination & Western Blotting
Personal level	Tissue Culture: Creating stable cell lines, proliferation assays, CCK-8 & Transfection.
Department level	Established the Molecular Biology teaching lab, Molecular Genetics research lab, and Tissue Culture lab within the CLS department. Establishment process include dealing with supplier tenders, overseeing procurement, supervising delivery, and installation, and maintain good operational practices to ensure smooth lab operation. Developed a new specialized track in the MSc program for Clinical Laboratory Sciences at Imam Abdulrahman bin Faisal University, titled "Molecular Genetics." This track includes a comprehensive suite of advanced courses designed to equip students with cutting-edge knowledge and practical skills in molecular biology and genetics. The courses I developed include "Medical Genetics," "Molecular Forensics," "Bioinformatics," "Biotechnology and Recombinant DNA Technology," "Computational Biology," and "Techniques in Molecular Biology and Forensic Science." Each course focuses on key areas of molecular genetics, forensic applications, bioinformatics, and biotechnology, ensuring that students gain the theoretical and practical expertise required for both clinical and research settings. Through the design of these course specifications, I have contributed to the growth and innovation of our graduate program, providing students with a robust foundation in molecular genetics and its applications.
College level	Led the Vice-Deanship of Academic Affairs, College of Applied Medical Sciences achieving unconditional National Commission of Assessment and Academic Accreditation (NCAAA) for all seven programs by developing policies & procedures, KPIs, and goals to ensure NCAAA standards are maintained and practiced.
College level	Established the OMR Unit and the Examination and Assessment unit within the Vice-Deanship of Academic Affairs. The OMR unit is concerned with the use of appropriate hardware and software to mark and analyze the characteristics of the substantive test and to compare manual correction with electronic correction. On the other hand, the Examination and Assessment unit was established to raise the quality of evaluation of student performance in the college and by controlling the conduct of examinations in accordance with a policy and procedure that ensures its validity, integrity and reliability.
College level	Developed the strategic plan for the College of Applied Medical Sciences 2019-2024 through conducting the SWOT analysis, developing goals, projects, initiatives and KPI's to assess its progress and aligning it with the university's plan.
University level	Managed practical training initiative project which consisted of approximately 80 faculty members across Imam Abdulrahman bin Faisal University. Phase one of the project involved the assessment of the current practices in the university through needs assessment, review of current practices and conducting focus groups, interviews and field visits to different colleges with practical training in their programs to get feedback from students, faculty and lab instructors. Phase two involved benchmarking of current practices with international standards in lab training. Phase three focused on generating a list of recommendations and action plan for improving the current practices. Phase four focused on the execution of the action plans on a few colleges as a pilot study to assess the feasibility and efficiency of the developed plans. Final stage was the development of the practical training policies in the university. https://www.iau.edu.sa/ar/node/20811



References

Name	Position	Email address	Phone number
Dr. Ghazi Alotaibi	Vice-President for Academic Affairs, Imam Abdulrahman Bin Faisal University, Dammam, Saudi Arabia	galotaibi@iau.edu.sa	+966(0)50558006
Prof. Layla Bashawari	Chairperson - Department of Clinical Laboratory Sciences, Imam Abdulrahman Bin Faisal University, Dammam, Saudi Arabia	laylabashawri@yahoo.com	+966(0)505813015
Prof. Amein K. Al-Ali	Professor & Supervisor of the Office of Collaboration and Knowledge Exchange	aalali@iau.edu.sa	+966(0)505821693

Last Update

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