



## IAUDent Biosketch

Dr. Name: **Dr. Doaa Mostafa AlEraky**

*BPS, PhD, MBA, FHEA*

Rank: **Lecturer**

### Personal Data

Nationality | Egyptian

Department | Biomedical Dental Science

Official Email | [dmaleraky@iau.edu.sa](mailto:dmaleraky@iau.edu.sa)

Office Phone No. |

Mobile:

### Language Proficiency

Language	Read	Write	Speak
Arabic	Excellent	Excellent	Excellent
English	Excellent	Excellent	Excellent

### Academic Qualifications (Beginning with most recent)

Date	Academic Degree	Specialty	Place of Issue	Address
Oct. 2020	Fellowship of higher Education	Education	Advanced HE	United Kingdom
March 2020	Certificate of higher Education	Education	Advanced HE	United Kingdom
Jan. 2019	Philosophy of Doctorate (PhD) of Microbiology & Immunology.	Microbiology & Immunology.	Cairo University	Egypt
March 2016	Certificate of Essential Skills in Health Professions Education (ESHPE)	Education	Imam Abdulrahman Bin Faisal (ex. Dammam) University	Saudi Arabia
Sep. 2015	Fellowship of Health Institutes Management.	Management	Egyptian Fellowship	Egypt
Dec. 2013	Master of Business Administration (MBA), GPA 3.92 Excellent	Business Administration	Arab Academy for Science and Technology (AAST)	Egypt
June 2013	Master of Microbiology & Immunology	Microbiology & Immunology	Cairo University	Egypt
June. 2013	Certificate of Economic Instructor	Economic	University of Cambridge KIPP	United Kingdom
May 2003	Bachelor of Pharmacy	Pharmaceutical Sciences	Zagazig University	Egypt

PhD, Master or Fellowship Research Title (Academic Honors or Distinction)

Doctorate	Prevalence of onco-protein of <i>Helicobacter pylori</i> from clinical isolates of gastric cancer patients.
Master	Characterization of extended and metallo- beta-lactamase of <i>Pseudomonas aeruginosa</i> .
Fellowship	UK Professional Standards Framework for teaching and learning support in higher education.

Professional Record: (Beginning with most recent)

Job Rank	Specialty/Department	Place and Address of Work	Date
Professional Mentor	Higher Education	Professional Fellowship University of Imam Abdulrahman Al Faisal, Saudi Arabia	2021-present
Course Director	Biomedical Dental Science	Faculty of Dentistry University of Imam Abdulrahman Al Faisal, Saudi Arabia	2015 – present
Course Director	Pharmaceutical Biotechnology	Faculty of Pharmacy University of Imam Abdulrahman Al Faisal, Saudi Arabia	2019 – present
Course Coordinator	Microbiology and Immunology	Faculty of Dentistry Modern Science and Art (MSA), Egypt	2014 - 2015
Course Coordinator	Master of Business administration	MBA program Cambridge KIPP, UK	2013 - 2015
Senior trainer in Community of Practice	Pharmaceutical licenses and Inspection	6 <sup>th</sup> October/ Giza Governorate, Ministry of Health, Egypt	2012 - 2013
Project coordinator	Supply Chain Management of Vaccine management program	Technical Office of Egyptian Minister of Health, Egypt	2011 - 2012
Director of Pharmaceutical Inspection for Private hospitals.	Pharmaceutical licenses and Inspection	6 <sup>th</sup> October Governorate, Ministry of Health, Egypt	2008 - 2012
Co-Director of regional Pharmaceutical licenses and Inspection.	Pharmaceutical licenses and Inspection	Cairo Governorate, Ministry of Health, Egypt	2004 - 2007

Administrative Positions Held: (Beginning with most recent)

Administrative Position	Office	Date
E-Learning coordinator and member of E-Learning committee	College of Dentistry	Till present
Member of Academic Affairs Committee	College of Dentistry	Till present
Member of Curriculum Committee	College of Dentistry	Till present
Member of students' academic performance committee	College of Dentistry	Till present
Member of research unit in the department	College of Dentistry	Till present
Academic Advisor	College of Dentistry	Till present

**SCIENTIFIC ACHIEVEMENTS**

**PUBLISHED WORKS** (For the most recent five years, list articles in which you were the principal author that appeared in refereed journals or textbooks, by author(s), title, publication, and date)

Author(s)	Title	Publication	Date
AlEraky, D.M.; Madi, M.; El Tantawi, M.; AlHumaid, J.; Fita, S.; AbdulAzeez, S.; Borgio, J.F.; Al-Harbi, F.A.; Alagl, A.S.	Predominance of non-Streptococcus mutans bacteria in dental biofilm and its relation to caries progression	Saudi Journal of Biological Sciences	Dec. 2021

**Other Published Papers**

Author(s)	Title	Publication	Date
R Y AlJindan and D.M. AlEraky	Two Cases of the Emerging Candida auris in a university hospital from Saudi Arabia	Saudi Journal of Medicine and Medical sciences	Dec. 2020
Aljindan, R.; AlEraky, D.M.; Mahmoud, N.; Abdalhamid, B.; Almustafa, M.; Abdulazeez, S.; F Borgio, J.	Drug resistance-associated mutation erg11 of multidrug-resistant candida in a tertiary care hospital of eastern Arabia.	Journal of Fungi	Jan 2021
Ellakany, P.; Mahrous, A.; AlEraky, D.; Albarrak, A.; AlJin R.; Fouda, S.	Evaluation of Bacterial Leakage in Platform-Switching Dental Implant Morse Taper Connection Under Thermocycling and Loading Effects Vitro Study.	The International Journal of oral maxillofacial implants	Jan 2021
AlJindan, R.; AlEraky, D.M.; Borgio, J.F.; AbdulAzeez, S.; Abdalhamid Mahmoud, N.; Farhat, M.	Diagnostic deficiencies of C. difficile infection among patients in a tertiary hospital in Saudi Arabia: A laboratory based case series.	Saudi Journal of Biological Sciences	April 2021
Abualsaud, R.; AlEraky, D.M.; Akhtar, S.; Khan, S.Q.; Gad, M.M.	Antifungal Activity of Denture Base Resin Containing Nanozirconia: In Vitro Assessment of Candida albicans Biofilm	The Scientific World Journal	July 2021
AlQarawi; AlShammasi, B.M.; AlBasry, Z.A.; AlAwami, H.Z.; AlEraky, D.M.; AlJindan, R.Y.; Alrumaih, H.S.; Alshahrani, F.A.	Microleakage and bacterial adhesion of three restorative materials used to seal screw-access channels of implant abutments: An <i>in vitro</i> study.	Saudi Journal of Medicine and Medical sciences	August 2021
Shaimaa M. Fouda , Mohamed M Gad, Passant Ellakany, Maram AlGhamdi, Soban Khan, Sultan Akhtar, Doaa M. Al Eraky, Fahad A. Al-Harbi	Effect of low-nanodiamond concentrations and polymerization techniques on physical properties and antifungal activities of denture base resin	Polymers	Dec. 2021



#### Accepted Research Projects

Name of Investigator(s)	Title	Publisher	Date of Publication
Shazia Sadaf, <b>Doaa M. AlEraky</b> , Faraz Farooqi, Faiyaz Syed, Muhanad Alhareky, Jehan Al Humaid	COVID-19 Myth Busters: Comparing knowledge and perceptions amongst the dental workforce at an institution in the Eastern Province, Saudi Arabia.	PLOS - One	

#### Current Researches

Name of Investigator(s)	Title
<b>Doaa M. AlEraky</b> , Mohamed M. AlEraky	Assessment of technology-based skills using Process Audio-visual Recording Tool (PART) in times of pandemic
F Alshahrani, Hamad Saleh Alrumaih, D AlEraky, Abrar Almousa, Afifa Alwabari, Alaa Buhlaiga and F K. Alqarawi	Contamination Remaining on Used Impression Posts after Cleaning and Sterilization: An In-Vitro Study
P Ellakany, M El Tantawi, D AlEraky, M M. AlEraky.	Self-assessment vs. peer-assessment in preclinical prosthodontics.
R Y AlJindan and D AlEraky	Experimental identification of biofilm formation of emergent hospital acquired resistant <i>C. auris</i> and the activity of antifungal and antibiofilm agents
Balgis Gaafir, D M AlEraky, Reem AlJindan, K AlKharsa	The use of saliva in the detection of Human Papilloma Virus
Amr Bugshan, H Abuohashish, D AlEraky, msalsharief, Omar Omar	Salivary microbial and molecular profiling in patients with or at risk of medication-related osteonecrosis of the jaws (MRONJ)
D AlEraky, H Abuohashish and H Alhawaj.	Identification of carcinogenic genes of <i>H. pylori</i> using bioinformatics tools: a trial of constructing a recombinant plasmid for immunization in mice
F Alonaizan, H Abuohashish, D AlEraky, S AbdulAzeez, J.F Borgio.	Identification of Pulpal Ca <sup>2+</sup> Sensing Receptor Expression in Saudi Patients Diagnosed with Irreversible Pulpitis
Shimaa Hussein, D AlEraky, H Abuohashish	Ketogenic diet effects on experimentally induced pulpitis in rats
Shimaa Hussein, D AlEraky, Faisal Alonaizan	Assessment of Oxidative Stresses Among Chronic Apical Periodontitis Patients

#### Contribution to Scientific Conferences and Symposia (CE Course taken for the last 5 years)

#	Title	Place and Date of the Conference	Extent of Contribution
1	14th Annual Dental Symposium	Dammam, December 2019	Poster



Teaching Activities	
Undergraduate	8 Current Courses (1 <sup>st</sup> and 2 <sup>nd</sup> Semesters)
Post-Graduate	1 Course, 1 Fellowship mentoring

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Microbiology and Immunology Course Course Director	MICRO 213	56 lectures/tutorials and 28 Labs
2	Cariology I Course/ Course Director	CARIO 207	28 lectures/Tutorials
3	Oral Medicine/ Course Co-Director	OMED 501	2 Lectures - 28 Seminars
4	Pharmaceutical Biotechnology Course Co-Director	PHARM513	56 lectures/Tutorials
5	Dental Literature	EBD 208	4 Lectures/Tutorials
6	Service Learning and IPE	COMM610	4 Lectures/Tutorials
7	Research Project	RESCH 604	28 Research/Labs
8	Dental Data Collection Course/Course Director	ODIG202	28 lectures/Tutorials
9	Advanced Microbiology and Immunology “Post-Graduate” / Course Director	BDS 721	14 lectures/Tutorials
10	Professional Fellowship Program in University Teaching and Learning	PFUTL	40 Impact hours

#### CURRENT TEACHING RESPONSIBILITIES

Name of Institution, City State	Course Title	Discipline and Level of Students	Total Contact hour per Year Didactic	Clinic/ Laboratory
College of Dentistry	General Microbiology and Immunology	2 <sup>nd</sup> Year	56 Lectures and Tutorials	84 Labs
	Cariology I	2 <sup>nd</sup> Year	28 Lectures	-
	Oral Medicine I	5 <sup>th</sup> Year	2 Lectures	56 Seminars
	Dental Literature	2 <sup>nd</sup> Year	4 Tutorials	-
	Service Learning and IPE	6 <sup>th</sup> Year	12 Tutorials	-
	Research Project	6 <sup>th</sup> Year	-	84 Labs
College of Pharmacy	Pharmaceutical Biotechnology	5 <sup>th</sup> Year	56 Lectures and Tutorials	-
College of Dentistry	Advanced Microbiology and Immunology	Fellowship - Postgraduate	14	-
Deanship of Academic Development at IAU & Turku University	Professional Fellowship Program in University Teaching and Learning	Fellowship Faculty	-	40 impact hours of mentoring



#### Editorial Commitments

Reviewer	BioMed Central (BMC) Publisher
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#### Volunteer Work

#	From	To	Type of Volunteer	Organization
1	2017	2021	Annual awareness of Diabetes Day	Community service, College of Dentistry
2	2017	2021	Annual awareness of Prison visit	Community service, College of Dentistry

#### Honors and Awards

Impact Hours in teaching and Learning	May 2021	Deanship and Academic Affairs
Best Faculty Award for Poster	December 2019	14th Annual Dental Symposium
Outstanding community service Faculty award	December 2017	College of Dentistry