



Faculty Profile

NAME: Dr. Ahmed AlSubaie	
Position	Assistant Professor
College	College of Dentistry
Department	Biomedical Dental Sciences
Phone	+966 5900 82410
Arabic Name	
	الوظيفة: أستاذ مساعد
	الكلية: كلية طب الأسنان
	القسم: علوم الأسنان الطبية الحيوية
	الهاتف: ٩٦٦٥٩٠٠٨٢٤١٠
Google Scholar Link	https://scholar.google.com/citations?user=HoFexIUAAAAJ&hl=en
Research Gate Link	https://www.researchgate.net/profile/Ahmed-Al-Subaie
Researcher ID (Web of Science)	https://publons.com/researcher/4699642/ahmed-al-subaie/
Scopus Author ID	56730828500
ORCID #	https://orcid.org/0000-0003-0488-5128
Research Areas of Interest	Bone healing and regeneration, cleft lip and palate, craniofacial, osseointegration.



IAUDent Biosketch

Dr Name: Dr. Ahmed ALSubaie

Rank: Assistant Professor

Personal Data

Nationality | Saudi

Department | Biomedical Dental Sciences/OMFS

Official Email | aialsubaie@iau.edu.sa

Office Phone No. |+966 5900 82410

Mobile:

Language Proficiency

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

Academic Qualifications (Beginning with most recent)

Date	Academic Degree	Specialty	Place of Issue	Address
2021/06	Clinical Fellowship	Cleft and Craniofacial Surgery	Canada	Montreal (QC)
2021/05	PhD	Craniofacial Health Sciences	Canada	Montreal (QC)
2020/06	Residency	Oral and Maxillofacial Surgery	Canada	Montreal (QC)
2014/10	Master	Dental Sciences	Canada	Montreal (QC)
2010/6	Bachelor	Dental Surgery	KSA	Dammam, KSA

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

Doctorate	New Ways to Improve Bone Healing and Osseointegration
Master	Osseointegration-Pharmacology

Professional Record: (Beginning with most recent)

Job Rank	Specialty/Department	Place and Address of Work	Date
Assistant Professor	OMFS/BDS	IAU, Dammam, KSA	2021/10 till now
Consultant (associate)	OMFS	KFHU, Khobar	2021/11 till now
Clinical Fellow	OMFS	MUHC, Montreal (QC), Canada	2020/07 to 2021/06
Resident	OMFS	MUHC, Montreal (QC), Canada	2016/07 to 2020/06



Board Certification

Certifying Organization	Specialty	Date Certified
Royal College of Dentists of Canada	OMFS	2021/10/18
The National Dental Examining Board of Canada	OMFS (NDSE)	2020/11/24

Administrative Positions Held: (Beginning with most recent)

Administrative Position	Office	Date
Chief resident in OMFS, McGill University	MUHC, Montreal (QC), Canada	2019/07-2020/06

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
Al-Subaie, A. E., Laurenti, M., Abdallah, M. N., Tamimi, I., Yaghoubi, F., Eimar, H., Tamimi, F	Propranolol enhances bone healing and osseointegration in rats tibiae	Journal of clinical periodontology, 43(12), 1160-1170.	2016
Laurenti, M., Al Subaie, A., Abdallah, Cortes, A. R., Ackerman, J. L., Vali, H. Zhu, J.	Dimensional Magnesium Phosphate Nano Form Highly Thixotropic Gels That Up-Regulate Bone Formation	Nano letters, 16(8), 4779-4787	2016
Al Subaie, A., Emami, E., Tamimi, I., Laurenti, M., Eimar, H., Abdallah, M. N., & Tamimi, F.	Systemic administration of omeprazole improves bone healing and implant osseointegration in vivo study on rat tibiae.	Journal of clinical periodontology, 43(2), 193-200	2016
Al Subaie, Ahmed Ebraheem, et al.	Anti-VEGFs hinder bone healing and osseointegration in rat tibiae	Journal of clinical periodontology 42.7 (2015): 696.	2015
Mansour, Alaa, Lina Abu Nada, Amir hadad, Mohamed Amine Mezour, Ersheidat, Ahmed Al-Subaie, Hanan M. Marco Laurenti, Mari T. Kaartinen, and Tamimi.	Biomimetic trace metals improve regenerative properties of calcium phosphate bioceramics	Journal of Biomedical Materials Research Part A 109, no. 5 (2021): 666-681.	2021
Al-Hamed, F.S., Maria, O.M., Phan, Subaie, A., Gao, Q., Mansour, A., Abu L., Boukhatem, I., Elkashty, O.A., Trar and Lordkipanidzé, M	Postoperative administration of acetylcholinesterase inhibitor, does not interfere with bone healing and osseointegration in a rat model.	Biomolecules, 10(9), p.1318.	2020

Other Published Papers

Author(s)	Title	Publication	Date
Ali, Aiman A., Badr Al-Jandan, Suresh, and Ahmad Subaie.	The Relationship Between the Local Thyroglossal Duct Cysts and the Epithelial Lining	Head and Neck Pathology (2012)	2012
Subaie, Ahmad E., Muhsen M. N. Ali A. Qussair, Aiman A. Ali, and A. Al Jandan	Smoking Cessation Practices of Care Providers in Eastern Province Saudi Arabia	Journal of Smoking Cessation 6, (2011): 45-50.	2011

Patents

Name of Investigator(s)	Title	Publisher	Date of Publication
MARINO FT, Al-hashedi AA, Laurenti M, Al Subaie AE, Abdallah MN, MARINO IT, inventors; McGill University, assignee.	Magnesium phosphate hydrogels.	United States patent application US 16/060,462.	2019 Jan 3.



Grants

Name of Investigator(s)	Title
<ul style="list-style-type: none"> Faleh Tamimi, Elham Emami, Monzur Murshed, Ahmed Al-Subaie, Xixi Wu The effect of omeprazole affecting bone healing and osseointegration AO Foundation Operating Grant \$80,000 for 1.5 yrs. 	
<ul style="list-style-type: none"> Faleh Tamimi, Elham Emami, Monzur Murshed, Ahmed Al-Subaie The effect of selective serotonin re-uptake inhibitors on bone healing and osseointegration International Team for Implantology (ITI) Operating Grant \$74,000 for 1 yr 	
<ul style="list-style-type: none"> Title: Impact of anti vascular endothelial growth factor on bone healing and titanium implant osseointegration. PI: Prof. Faleh Tamimi Marino. Funding Agency: Saudi Cultural Bureau. Contribution: Co-applicant. Amount: 5000\$. Year: 2013. 	
<ul style="list-style-type: none"> Title: Efficacy of Throat Pack in OMFS Procedures. PI: Dr. Fayaz Ahmed. Funding Agency: Univesity of Dammam. Contribution: Research assistant. Amount: 20000SR. Year: 2012. 	

Books/Chapters

Name of Investigator(s)	Book Title	Report Date

Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

Name of Investigator(s)	Title	Publisher	Date of Publication
Al Subaie A , Laurenti M, Abdallah Chan M, Zhang X, Eimar H, Tamimi	SSRIs Hinder Implant Osseointegration and Bone Healing: an in Experimental Study	IADR/AADR/CADR G Session. Massachusetts	March 2015
Al Subaie A , Emami E, Eimar H, Al MN, Tamimi F	Do Proton Pump Inhibitors imp Bone Healing & Titanium I Osseointegration	AADR/CADR Meeting & Exhi Charlotte-North Carolina	March 2014. (Selected for oral presentation).
Al Subaie, A. E. , Laurenti, M., Tam Stone, L. S., Millecamps, M., Barrale Tamimi, F.	Injectable bone regeneration biom with analgesic properties	World Biomaterial Conference, Montreal, QC,	May, 2016. (Oral Presentation)



Laurenti, M., Al Subaie, A. E. , Abdall N., Cortez, A., Ackerman, J. L., Zha L., ... & Strandman, S	2D magnesium phosphate nanoform highly thixotropic material that regulate bone formation	World Biomaterial Conference, Montreal, QC	May, 2016. (Oral Presentaion)
Al Subaie A , Emami E, Eimar H, Al MN, Tamimi F.	Do Proton Pump Inhibitors impact Bone Healing & Titanium Implant Osseointegration.	AADR/CADR Annual Meeting & Exhibition, Charlotte-North Carolina	March 2014. (Oral Presentaion)

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

#	Title	Place and Date of the Conference	Extent of Contribution
	North American SORG Modular Training Series 2019: Module 2 - Congenital & Developmental Deformities,	October 2019, USA.	Contributor
	North American SORG Modular Training Series 2018: Module 4 - Trauma, TMJ & Cosmetic Surgery	September 2018, USA	Contributor
	International American and Canadian Association of Dental Research (IADR/AADR/CADR) General Session.	Boston- Massachusetts, March 2015.	Presenter



	American and Canadian Association of Dental Research (AADR/CADR). Annual Meeting.	Charlotte-North Carolina, March 2014.	Presenter
	Clinical Applications of Cone Beam Computed Tomography (CBCT) in General Dental Practice.	Faculty of Dentistry, McGill University, Montreal, QC, September 2013.	Attendance

Teaching Activities	
Undergraduate	CCD and mini CCD, Local anesthesia and pain management
Post-Graduate	Head and Neck Anatomy

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)



CURRENT TEACHING RESPONSIBILITIES

Name of Institution, City, State	Course Title	Discipline and Level of Students	Total Contact hour per Year	
			Didactic	Clinic/ Laboratory
IAU, Dammam, KSA	CCD	Undergraduate	0	450
IAU, Dammam, KSA	LA	Undergraduate	2	42
IAU, Dammam, KSA	Head and Neck anat	Postgrad	2	0

Membership of Scientific and Professional Societies and Organizations, Or Appointments Held In Local, State Or National Dental Or Allied Dental Organizations, Including Appointments To State Boards Of Dentistry And Coda

Name of Organization	Title	From (Year)	To (Year)
American cleft palate-craniofacial association	Member	2020	now
American association of Oral and Maxillo Surgery	Member	2016	now
Canadian Association of Oral and maxillo surgery	Member	2016	now
International Association for dental Research	Member	2014	now
Saudi Dental Society	Member	2012	now

Editorial Commitments	

Volunteer Work

#	From	To	Type of Volunteer	Organization

Honors and Awards

- **Canadian Biomaterials Society Travel Awards to the 10th World Biomaterials Congress, Montreal, QC** **May, 2016**
- **First place winner; Poster presentation.** **April, 2016**
McGill University, Faculty of Dentistry Research Day 2016
- **Best Papers 2015, Division of Biomedical Sciences** **March, 2016**
This award is given to the best published three papers ((by a graduate student) in the Division of Biomedical Sciences, Faculty of Dentistry, McGill University.