



# Dr. Saqib Ali

Lecturer

## Personal Data

Nationality | Pakistani

Department | Biomedical Dental Science

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Office Phone No. |

## Language Proficiency

Language	Read	Write	Speak
Arabic	Average	-	-
English	Excellent	Excellent	Excellent
Urdu	Excellent	Excellent	Excellent

## Academic Qualifications (Beginning with the most recent)

Academic Degree	Place of Issue	Address	Date
C.H.P.E (Cert. in Health Professions Education)	Khyber Medical University, Peshawar, Pakistan	IHPE&R-KMU, Peshawar, Pakistan	2012
M.Sc.(Masters of Science in Oral Biology)	Queen Mary University of London, United Kingdom	QMUL, E1 4NS, Mile End Campus, London, UK	2011
B.D.S (Bachelors of Dental Surgery)	Baqai Medical University, Karachi, Pakistan	BMU, 51 Deh Tor, Gadap Road Near Toll Plaza, Super highway Karachi, Pakistan	2008

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

Master	Abrasivity of Bioactive glass toothpaste for treating dentine hypersensitivity
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### Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work	Date	
Lecturer	College of Dentistry, Imam Abdulrahman Bin Faisal University, Dammam, Kingdom of Saudi Arabia	Feb 2016	Present
Assistant Professor	Khyber College of Dentistry, Peshawar, Pakistan.	Jun 2013	Jan 2016
Assistant Professor	Sardar Begum Dental College, Gandhara University, Peshawar, Pakistan	Mar 2012	Jun 2013
Dental Intern	Baqai Dental College, Karachi, Pakistan	Aug 2009	July 2010

### 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	<u>Ali S.</u> , Farooq I.	A review of the role of amelogenin protein in enamel formation and novel techniques to study its function.	Protein and Peptide Letters <b>2019</b> ; 26(12): 880-886.
2	<u>Ali S.</u> , Farooq I, Al-Thobity AM, Al-Khalifa KS et al	An <i>in-vitro</i> evaluation of fluoride content and enamel remineralization potential of two toothpastes containing bioactive glasses.	Biomedical Materials and Engineering <b>2019</b> . 30(5-6):487-496. DOI: 10.3233/BME-191069.
3	Farooq I, Khabeer A, <u>Ali S.</u> , Al-Jandan BA	Effect of various predisposing factors on host defence mechanisms triggering oral infections- A comprehensive review.	Journal of Medical Sciences <b>2019</b> ; 27(4): 370-375.
4	Ishfaq M, Jan A, Syed K, Malik H, <u>Ali S.</u> , Adil S.	Stress level assessment in orthodontic patients receiving treatment from three months: A quasi experimental study.	Pakistan Journal of Medical & Health Sciences <b>2019</b> ; 13(4):733-736.
5	Kifayatullah J, <u>Ali S.</u> , Shahid F, <u>Farooq I.</u> , et al.	The prevalence of peg shaped and missing permanent maxillary lateral incisors in non-syndromic orthodontic patients.	Journal of International Dental and Medical Research <b>2019</b> ; 12(4): 1416-1420.
6	Firdos T, Adil S, Khalili MT, Shah SS, <u>Ali S.</u>	Cephalometric norms for population of Khyber Pukhtunkhwa Province- A pilot study.	Medical Forum Monthly <b>2019</b> ; 30(11): 44-48.
7	Farooq I, <u>Ali S.</u> , Siddiqui IA, Al-Khalifa K, Al-Hariri M.	Influence of thymoquinone exposure on the micro-hardness of dental enamel-An invitro study.	European Journal of Dentistry <b>2019</b> ; 13(3):318-322.

8	Khan AM, <b>Ali S</b> , Reshma VJ, Mohammad M, Haq MF	Impact of fungiform papillae count on taste perception, methods of taste assessment and its clinical applications: A comprehensive review.	Sultan Qaboos University Medical Journal <b>2019</b> ; 19(3): e184-191.
9	Zia K, Siddiqui T, <b>Ali S</b> , Farooq I, Zafar MS, Khurshid Z	Nuclear Magnetic Resonance (NMR) Spectroscopy for medical and dental applications: A Comprehensive Review	European Journal of Dentistry <b>2019</b> ; 13(1): 124-128
10	<b>Ali S</b> , Iqbal K, Asmat M, Farooq I, Khan AM, Alam MK.	Dental resin composite restoration practices amongst general dental practitioners of Karachi, Pakistan.	World Journal of Dentistry <b>2019</b> ; 10(2): 129-134.
11	Alquria T, Gady M, Khabeer A, <b>Ali S</b>	Types of polymerization units and their Intensity Output in Private Dental Clinics of Twin cities in Eastern Province, KSA; a pilot study	Journal of Taibah University Medical Sciences. <b>2019</b> ; 14(1),47-51
12	Alfaroukh R, ElEmbaby A, Almas K, <b>Ali S</b> , et al	Oral Biofilm formation and retention on commonly used dental materials: An Update	Tropical Dental Journal <b>2018</b> ;41(164): 28-34
13	Farooq I, <b>Ali S</b> , Al-Khalifa KS, K Alhooshani	Total and soluble fluoride concentration present in various commercial brands of children toothpastes available in Saudi Arabia – A pilot study	The Saudi Dental Journal <b>2018</b> ; 30(2): 161-65.
14	<b>Ali S</b> , Farooq I, Khan SQ, Moheet I, Al-Khalifa KS	Self-reported anxiety of dental procedures among dental students and its relation to gender and level of education.	Journal of Taibah University Medical Sciences <b>2015</b> ; 10(4),449-453
15	Farooq I, <b>Ali S</b>	A cross sectional study of gender differences in dental anxiety prevailing in the students of a Pakistani dental college.	The Saudi Journal of Dental Research <b>2015</b> ; 6(1): 21-25.
16	Khan D, <b>Ali S</b> , Ullah I	An evaluation of malocclusion in rural and urban school children of district Peshawar.	Journal of Khyber College of Dentistry. <b>2014</b> ;4(2):10-13
17	Farooq I, <b>Ali S</b>	Comparison of the perceived relevance of oral biology reported by students and interns of a Pakistan dental college	European Journal of Dental Education <b>2014</b> ; 18(4): 203-206.
18	<b>Ali S</b> , Farooq I, Iqbal K.	A review of the effect of various ions on the properties and the clinical applications of novel bioactive glasses in medicine and dentistry.	The Saudi Dental Journal <b>2014</b> ; 26(1): 1-5.
19	<b>Ali S</b> , Farooq I	Dentine Hypersensitivity: A review of its etiology, mechanism, prevention strategies and recent advancement in its management.	World Journal of Dentistry <b>2013</b> ; 4(3):188-192.
20	Iqbal K, <b>Ali S</b> , Mohsin F	Amalgam waste disposal in dental hospitals of Peshawar.	Pakistan Oral & Dental Journal. <b>2012</b> ; 32(3):540-542.
21	<b>Ali S</b> , Iqbal K. Mohsin F	Factors affecting the mechanism and forces involved in Denture Retention.	The Journal of Baqai Medical University. <b>2011</b> ; 14(1):17-21.

### Refereed Scientific Research Papers Accepted for Publication

#	Name of Investigator(s)	Research Title	Journal	Acceptance Date
1.	Khan E, Farooq I, Khabeer I, <b>Ali S</b> et al	Salivary glands tissue engineering to attain clinical benefits: A Special Report	Regenerative Medicine Journal	Nov 2019
2.	Yadak M, Farooqi FA, Ansari K, <b>Ali S</b>	Student's perception of early clinical exposure in a respiratory care program.	Journal of Medical Sciences.	Nov 2019
3.	Niazi FH, Noushad M, Tanvir SB, <b>Ali S</b> , et al	Antimicrobial efficacy of indocyanine green-mediated photodynamic therapy compared with <i>Salvadora Percica</i> gel application in the treatment of moderate and deep pockets in periodontitis.	Photodiagnosis and Photodynamic Therapy	Jan 2020

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

#	Name of Investigator(s)	Research Title	Conference and Publication Date
1.	<b>Ali S</b> , Farooq I, Al-Thobity AM, Al-Khalifa KS, Alhooshani K, Sauro S.	An In-Vitro Evaluation of Fluoride Content and Enamel Remineralization Potential of Two Toothpastes containing Different Bioactive Glasses	3rd – 6th July 2019, Cartagena, Colombia Oral Presentation 66th ORCA Congress
2.	Farooq I, <b>Ali S</b>	Comparison of the Perceived Relevance of Oral Biology reported by dental Students and Interns	1 <sup>st</sup> International Conference on Medical Education and Research Apr 12-14 2013 at Khyber Medical University, Peshawar, Pakistan.
3.	<b>Ali S</b> et al.	Bioactive Glasses and its Clinical Applications in Dentistry”	3 <sup>rd</sup> International Symposium on Biomedical Materials: Recent Advances and Challenges Dec 18-20 2012 at IRCBM, Lahore, Pakistan.
4.	<b>Ali S</b> , Hill R, Gillam D.	Abrasivity of Bioactive Glass Toothpaste in treating Dentine Hypersensitivity	IADR Pakistan Section Conference 8-10 Nov 2012 at Institute Of Dentistry CMH, Lahore, Pakistan.



### Books/Chapters

#	Name of Investigator(s)	Book Title	Report Date
1	<b>Farooq I</b> , Ali S, Husain S et al.	Bioactive glasses—structure and applications. IN Advanced Dental Biomaterials	2019; 453-476.

### Completed Research Projects

#	Name of Investigator(s) (Supported by)	Research Title	Report Date
1.	Abdul Samad Khan, Imran Farooq, <b>Saqib Ali</b>	Comparative evaluation of two chelating agents in the collagen fiber modification over dentinal tubules: an in vitro analysis	2019
2.	Imran Farooq, <b>Saqib Ali</b> , Intisar Ahmed Siddiqui, Khalifa Al-Khalifa, Mohammed Al-Hariri	Influence of thymoquinone exposure on the micro-hardness of dental enamel –An invitro study.	2019
3.	<b>Saqib Ali</b> , Imran Farooq, Ahmed M. Al-Thobity, Khalifa Sulaiman Al-Khalifa, Khalid Alhooshani	An <i>in-vitro</i> evaluation of fluoride content and enamel remineralization potential of two bioactive glass based dentifrices	2018
4.	Imran Farooq, <b>Saqib Ali</b> , Al-Khalifa Sulaiman Al-Khalifa, Khalid Alhooshani	Total and soluble fluoride concentration present in various commercial brands of children toothpastes available in Saudi Arabia – A pilot study	2017

### Current Researches

#	Research Title	Name of Investigator(s)
1.	Micro-CT evaluation of root canal morphology of premolars in Pakistani Population.	<b>Saqib Ali</b> , Abdul Khabeer, Shafqat Ali Shah
2.	Comparative evaluation of two chelating agents: an in vitro analysis	Abdul Samad Khan, Imran Farooq, <b>Saqib Ali</b>
3.	An Illustrated Guide to Oral Histology	Imran Farooq, <b>Saqib Ali</b> , Paul Anderson
4.	Evidence Based Dentistry	<b>Saqib Ali</b> and others
5.	Light intensity output of LED	<b>Saqib Ali</b> and others
6.	Amalgam Waste disposal	<b>Saqib Ali</b> and others
7.	Common toothpastes abrasives and methods of evaluating their abrasivity	<b>Saqib Ali</b> and others
8.	Dentine Hypersensitivity	<b>Saqib Ali</b> and others
9.	Bioactive glasses and their clinical application	<b>Saqib Ali</b> and others
10.	Literature and Systemic Review	<b>Saqib Ali</b> and others



### Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
1.	14 <sup>th</sup> Annual Dental Symposium	Dec 4 <sup>th</sup> -6 <sup>th</sup> 2019 at Imam Abdulrahman Bin Faisal University, Dammam, Saudi Arabia	Poster Presentation
2.	13 <sup>th</sup> Annual Dental Symposium	April 17 <sup>th</sup> -19 <sup>th</sup> 2017 at Imam Abdulrahman Bin Faisal University, Dammam, Saudi Arabia	Poster Presentation
3.	Mega Seminar on Career Counselling Asian Medical Students Association(Pak Chapter)	Lady Reading Hospital, Peshawar, Pakistan, 2015	Guest Speaker
4.	3rd International Conference on Medical Education and Research	April 3-5, 2015 at Khyber Medical University, Peshawar, Pakistan.	Oral Presentation
5.	1 <sup>st</sup> Annual Conference of Pak Association for Dental Research	Oct25th-26 <sup>th</sup> 2014 (IADR Pakistan Section)	Focal Person
6.	Gandhara University Scientific Seminar	April 5 <sup>th</sup> -6 <sup>th</sup> 2013, Gandhara University, Peshawar, Pakistan	Organizer and Member Reception Committee
7.	1st International Conference on Medical Education and Research	Apr 12-14, 2013 at Khyber Medical University, Peshawar, Pakistan.	Oral Presentation
8.	3rd International Symposium on Biomedical Materials: Recent Advances and Challenges	Dec 18-20, 2012 at IRCBM, Lahore, Pakistan.	Oral Presentation
9.	IADR Pakistan Section Conference	Nov 8-10, 2012 at Institute Of Dentistry CMH, Lahore, Pakistan.	Oral Presentation

### Membership of Scientific and Professional Societies and Organizations

- Pakistan Medical & Dental Council (Registration # 9400-D)
- Faculty of General Dental Practice U.K (Membership No: 9109339)
- International Association for Dental Research (Membership No: 772259)

### Teaching Activities

#### Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Oral Biology-I	OBIOL 206	50% lectures and lab sessions
2	Oral Biology-II	OBIOL 301	50% lectures and lab sessions
3	Cariology-I	CARIO 207	2 lectures
4	Cariology-II	CARIO 303	9 Clinics
5	CCD	CCD 503	3 Clinics
6	Pre-Clinical Endo	ENDO405	2 lectures



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

1	Oral Biology-I OBIOL 206: Lectures and Histology lab sessions
2	Oral Biology-II OBIOL 301: Lectures and Histology lab sessions
3	Cariology-I CARIO 207: Lectures
4	Cariology-II CARIO 303: Clinical Session
5	CCD 503: Clinical Session
6	ENDO405:Lectures

### Postgraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1.	Endo Fellowship Program	OBIOL 803	6 lectures

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

1	Endo Fellowship Program, OBIOL 803, 6 lectures
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### Course Coordination

#	Course Title and Code	Coordination	Co-coordination	Undergrad.	Postgrad.	From	to
1	Advanced Oral Biology	Yes			✓		
2	Oral Biology-I	Yes		✓			
3	Oral Biology-II		Yes	✓			
4	Dental Pharmacology		Yes	✓			

### Guest/Invited Lectures for Undergraduate Students

#	Activity/Course Title and Code	Subject	College and University or Program	Date
1	Lecture/Cariology-I (CARIO 207)	Cariology	COD, IAU	2 <sup>nd</sup> Semester
2	Lecture/Pre-Clinical Endo (ENDO405)	Pre-Clinical Endo	COD,IAU	1 <sup>st</sup> Semester

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

1	Scientific Writing
2	Excellent interpersonal skills
3	Fully competent in Power Point, Word Processing and Spread Sheets