

CURRICULUM VITAE

PERSONAL INFORMATION				
Name:	AMBREEN REHMAN			
Nationality:	PAKISTANI			
Job Title:	ASSISTANT PROFESSOR			
College:	DENTISTRY			
Department:	ORAL BIOLOGY			
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EDUCATIONAL BACKGROUND				
<p>1. Doctorate: Oral Biology, Research topic: Novel role of Desmoglein-3 as an anti-stress protein through a mechanism of negative regulation of p53 in Pemphigus Vulgaris. Queen Mary University of London, United Kingdom. 2020.</p> <p>2. Master: Oral Pathology, Research topic: The mechanism by which arecoline and arecaidine (betel quid components) induce oral fibroblast senescence in Oral Cancer. Queen Mary University of London, United Kingdom. 2014.</p> <p>3. Bachelor: Dental Surgery (BDS), General knowledge of basic sciences and clinical dentistry. Fatima Jinnah Dental College, Karachi, Pakistan. 2006.</p>				
PROFESSIONAL EXPERIENCE				
From (year)	To (year)	Position	Employer	Country
2022	Present	Assistant professor	University of Science And Technology of Fujairah	UAE
2021	2022	Assistant professor	Dow University of Health Sciences	Pakistan
2015	2016	Lecturer	Al Farabi Dental College	KSA
2011	2013	Dentist	Lone Dental Surgery	Pakistan
2010	2011	Dentist	Qassim University	KSA
2009	2010	Lecturer	Jinnah Medical and Dental College	Pakistan
2007	2009	Dentist	Burki's Dental Surgery	Pakistan
TEACHING EXPERIENCE AREA / COURSES)				
Oral Biology and Oral Pathology				
RESEARCH AREA				
Oral Cancer and Blistering conditions				
PUBLICATIONS				
1. JOURNALS				
<p>2023 Influence of advanced glycation end-products on salivary matrix metalloproteinase 1 levels in chronic periodontitis patients with type II diabetes mellitus.</p> <p>2022 YAP inhibition by Verteporfin causes downregulation of desmosomal genes and proteins leading to disintegration of intercellular junctions.</p> <p>2022 Assessment of palatal rugae morphology for gender identification.</p> <p>2022 Frequency of non-motor features of Parkinson's disease and the associated factors.</p> <p>2022 Effectiveness of clove oil in preventing pregnancy-induced gingival swelling.</p> <p>2021 Evolving Mechanisms in the Pathophysiology of Pemphigus Vulgaris: A Review Emphasizing the Role of Desmoglein 3 in Regulating p53 and the Yes-Associated Protein.</p> <p>2021 Oxidative Stress-Mediated YAP Dysregulation Contributes to the Pathogenesis of Pemphigus Vulgaris</p> <p>2021 Gingival Crevicular Fluid (GCF): A Diagnostic Tool for the Detection of Periodontal Health and Diseases.</p> <p>2020 A Novel Regulatory Pathway of Desmoglein-3 in Keratinocyte Stress Response.</p> <p>2020 Oral Lesions in the COVID-19 Positive Individuals – An Update.</p> <p>2019 Evidence for the Desmosomal Cadherin Desmoglein-3 in Regulating YAP and Phospho-YAP in Keratinocyte Responses to Mechanical Forces.</p> <p>2019 Desmoglein-3 acts as a pro-survival protein by suppressing reactive oxygen species and doming whilst augmenting the tight junctions in MDCK cells.</p> <p>2019 The Pemphigus Vulgaris antigen desmoglein-3 acts as an antistress protein by counteracting p53 in keratinocytes.</p>				

2016 Areca nut alkaloids induce irreparable DNA damage and senescence in fibroblasts and may create a favourable environment for tumour progression.

PROFESSIONAL AND ACADEMIC ACTIVITIES

1. Professional Training (conductance and attendance)

2. Workshops and seminars (conductance and attendance)

- Medical Education workshop on Competence by design by Dow Institute of Health Profes Education. 2022.
- Grant writing workshop by Office of Research, Innovation & Commercialization, Dow University of Sciences. 2021.
- Authentic Networking for Career Progression, QMUL. 2019
- PhD Cohort day: Understanding the impact of your research. 2017
- Critical thinking workshop. 2017
- Academic Career Planning for PhD Students. 2016
- Working Safely with Biological Hazards. 2016
- Critical Thinking. 2016
- COSHH risk based assessment. 2016.

3. Master Theses Supervision

- Sihem Houacine- Induction of p53 in keratinocyte cultures treated with Behçet's patient sera. (As a PhD candidate)
- Haiqa- p53 expression in response to UV exposure in keratinocytes. (As a PhD candidate).

4. Doctorate Theses Supervision

MEMBERSHIP OF SCIENTIFIC ASSOCIATIONS

- Pakistan Dental Association

AWARDS

- Research grant; A rapid, objective and quantitative molecular test for early HNSCC diagnosis (DUHS/VC/2021/11-61).
- Reviewer for BMC Immunology, Journal of Applied Oral Science (ISSN 1678-7757), F1000 Research, and VCSFI research grants.
- Best Poster presentation: USTF 15th students scientific research conference 2023.
- Poster presentation: RAKCODS dental Conference 2023.
- Best Poster presentation: PhD day, 2019. Institute of Dentistry, Queen Mary University of London. United Kingdom.
- Second Prize for Poster presentation: British Society for Investigative Dermatology (BSID) Annual Meeting. 2018. Blizard Institute. United Kingdom.
- Travel grants from The European Society for Dermatological Research (ESDR) and Queen Mary University of London Postgraduate Research to attend IID Meeting, Florida, United States of America. 2018.
- Best Oral presentation: PhD day, 2017. Institute of Dentistry, Queen Mary University of London. United Kingdom.
- Distinction and first position in MSc (Oral Pathology). 2014. London, United Kingdom.
- Distinction in Orthodontics in BDS. 2006.
- Second position in poster competition on Fabrication of Partial Denture. 2004. Fatima Jinnah Dental College. Karachi, Pakistan.
- Second Prize in poster competition on Viral Replication. 2003. Fatima Jinnah Dental College. Pakistan.