

Ali Abou Sulaiman

Personal Data

Profession	Dentist
Specialization	Periodontology
Academic rank	Professor
Department	Periodontology
Faculty	Dentistry
University	Damascus University / Al-Hawash Private University
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Education

- Doctor of Philosophy (PhD) in Periodontology

The University of Manchester , United Kingdom, 2002- 2006

Dissertation title: "Studies in microbiology and cytokine gene polymorphism in aggressive periodontitis"

- Master's (MSc) in Periodontology

Damascus University, Syria, 1998- 2001

Dissertation title: "Microbiological epidemiological study of early-onset periodontitis in Syria using DNA probes and the application of bone grafts with doxycycline in the treatment"

- Diploma in Periodontology

Damascus University, Syria, 1995- 1997

- Bachelor's degree in dentistry

Damascus University, Syria, 1990- 1995

Professional appointments and work experience

- Professor and Chair of Department of Periodontology

Al- Hawash Private University, 2020- present

- Professor in Periodontology

Damascus University, 2016-2019

- Assistant Professor in Periodontology

Damascus University, 2013-2017

- Instructor/Lecturer in Periodontology

Damascus University, 2006-2012

- Clinical Tutor in Periodontology

The University of Manchester, 2005-2006

- PhD Scholarship in Periodontology

The University of Manchester, 2002-2006

- Teaching Assistant in Periodontology

Damascus University, 1998-2001

Publications

- 1- Interleukin-10 Gene Polymorphisms in British Caucasians with Aggressive Periodontitis, Journal of Dental Research, Vol.84, Special Issue A , 2005
- 2- Assessment of total antioxidants and use of vitamin c in none smokers with chronic periodontitis, Journal Of Periodontology, Vol.80, 2010
- 3- Analysis of -819 IL-10 gene polymorphism in Syrian patients with aggressive periodontitis, International Journal of Pharm Tech Research, Vol.6, Nov, 2014
- 4- Assessment of nitrosative stress in Syrian patients with chronic periodontitis (Clinical laboratory study), Journal of Chemical and Pharmaceutical Research, 7(10), 2015
- 5- Radiographic alterations in alveolar bone dimensions following socket preservation using two bone substitutes, Journal of International Dental and Medical Research, Vol. 11, 2018
- 6- Increased Nuclear Localization of β - catenin by rhBMP - 2 in the Induced Oral Squamous Cell Carcinoma in the Syrian Hamster Cheek Pouch, Iranian Journal of Cancer Prevention,11(3):e9850, 2018
- 7- Management of melanin pigmentations in Syrian patients using split thickness flap and abrasion by rotary instruments techniques (clinical comparative study), Tishreen University journal for research and scientific studies, 35(2):71-84, 2018
- 8- Dental implant rehabilitation in a young patient with aggressive periodontitis, Journal of Clinical and Diagnostic Research, Vol. 13, 2019
- 9- Salivary cyanide and thiocyanate in smokers with periodontitis, World Journal of Dentistry, Vol, 10, 2019
- 10- Association between vitamin d receptor Fok-I polymorphism and chronic periodontitis in Syrian population, International Journal of Pharmaceutical Sciences and Research,10(3):1336-1341, 2019
- 11- Investigation of ABO Blood Groups in Periodontal Status and its Effect on Level of Response to Nonsurgical Periodontal Treatment, Journal of Clinical and Diagnostic Research,13(6):ZC36-ZC40, 2019
- 12- Assessing the Use of Glycine Powder Air Polishing in Periodontal Maintenance Therapy, World Journal of Dentistry,10(4):259 – 263, 2019
- 13- Evaluating the Effects of Non-surgical Periodontal Treatment on Masticatory Function in Patients with Aggressive Periodontitis: A Preliminary Study, Journal of Clinical and Diagnostic Research,13(9):ZC14-ZC16, 2019
- 14- Evaluation of the use of platelet-rich fibrin in socket preservation in patients with chronic periodontitis, Journal of international Dental and Medical Research, Vol.13, Issue(1), 246-251, 2020
- 15- Evaluation of the use of platelet-rich fibrin in the management of free gingival graft (clinical

study), World Journal of Dentistry, Vol.11, No.1, 1689-1694, 2020

16-Virulence determinants of Escherichia Coli strains isolated from surgical site infections at selected hospitals in Syria, Bulletin of Pharmaceutical Sciences, 43(2), 255-264, 2020

17-Association of dental implants success in bone density classification of postmenopausal women with osteoporosis - a clinical and radiographic prospective study, Journal of Indian Academy of Oral Medicine and Radiology 33(4):428, 2021

18- Retrospective Study Of Dental Implants Survival Rate In Postmenopausal Women With Osteoporosis, International Journal of Dentistry and Oral Science, 8(9):4259-4266,2021

19- Association of Tumor Necrosis Factor- α Gene Promoter Polymorphisms with Periodontitis in Type II Diabetic Syrian Population, International Journal of Dentistry and Oral Science, 8(11):5064-5069, 2021

20- Association of matrix metalloproteinase-8 gene promoter polymorphisms with type II diabetes mellitus in Syrian population, Human Gene 33(8):201061, 2022

21- Modified Protocol to Use Platelet Rich Fibrin (PRF) as a Local Antibiotic Delivery System: In Vitro study, Systematic Review in Pharmacy,13(11): 1037-1042, 2022

22- The effects of adjunctive use of a desiccant agent in the treatment of stage III periodontitis (Randomized controlled clinical trial), The Saudi Dental Journal 35(71), 2023

Awards

The Sir. Wilfred Fish Award , September 2005

A research entitled: “*Cytokines Polymorphisms: risk factor for aggressive periodontitis in British Caucasians*” was selected among the five best postgraduate periodontal projects in the United Kingdom and was shortlisted to compete for **The Sir. Wilfred Fish Award** during the annual spring meeting of the British Society of Periodontology and received acknowledgement and a Certificate of Merit

Certificates

- A certificate in “Scientific Research Methods”

- A certificate in “Biostatistics methods and analysis”

Both certificates were received at The University of Manchester in 2003

Research experience

I have supervised the following research projects:

Master’s research projects

1- A laboratory clinical study of the total antioxidant activity in patients with chronic periodontitis and the role of vitamin C in treatment - 2010

2- A laboratory clinical study on the role of herpes viruses in periodontal disease – 2010

- 3- Evaluation of conservative treatment supported by three antibiotic protocols in patients with chronic periodontitis (clinical microbial study) - 2012
- 4- Study of polymorphisms of the interleukin-6 gene in Syrian patients with aggressive and chronic periodontitis - 2013
- 5- Study of polymorphisms of the transforming growth factor-beta gene in Syrian patients with aggressive and chronic periodontitis - 2013
- 6- Evaluation of nitrogen-oxygen stress in periodontal disease - 2014
- 7- Study of the various forms of the interleukin-10 gene in Syrian patients with aggressive periodontitis – 2015
- 8- Investigation of the expression of the mesenchymal epithelial transformation marker B-catenin in epidermal dysplasia of the oral mucosa - 2016
- 9- Investigating the role of human papilloma virus in periodontal disease (immuno-histological study) - 2018
- 10- Evaluation of the salivary status associated with periodontitis (clinical laboratory study) - 2019
- 11- Evaluation of the effect of non-surgical periodontal treatment on the effectiveness of the masseter muscles and bite force in patients with aggressive periodontitis - 2019
- 12- Study of the association of Fok-I receptor polymorphism with periodontal disease in Syria - 2019
- 13- Evaluation of the use of platelet-rich fibrin dressing in the management of free gingival graft and donor site wound in the palate (clinical study) - 2019
- 14- The relationship between the level of salivary immunoglobulin A and the severity of aggressive periodontitis - a laboratory clinical study – 2020
- 15- Assessment of the efficacy of non-surgical periodontal treatment in adjunction with three irrigation protocols – 2022
- 16- The effects of adjunctive use of a desiccant agent in the treatment of stage III periodontitis - 2023

PhD research projects

- 1- Study of the effect of rh-BMP2 protein on some parameters of tumor-genesis and the process of mesenchymal epithelial transformation in oral cavity tissues - 2018
- 2- Investigating the virulence factors of Klebsiella pneumonia, Escherichia coli, and Enterococcus faecalis strains from general, maxillary, and periodontal surgery patients in Damascus hospitals – 2020
- 3- Association of matrix metalloproteinase-8 and Tumor Necrosis Factor- α gene promoter polymorphisms with type II diabetes mellitus in Syrian population - 2022

Teaching experience

Over the years I have accumulated an extensive experience in teaching as I have:

- Provided instruction and mentorship to undergraduate and postgraduate students in a variety of courses
- Developed and implemented curriculum for innovative courses in Periodontology and Implantology
- Conducted lectures, seminars, laboratory and clinical sessions
- Led and supervised student projects ensuring that goals and objectives were met
- Provided guidance and advice to students on academic issues

- Drafted and revised course outlines and syllabi to meet the needs of students
- Update courses material to stay current in their field

Modules and curriculums I teach:

Undergraduates

- Periodontology /1/ (Third year module)
- Periodontology /2/ (Fourth year module)
- Periodontology /3/ (Fifth year module)
- Infection control (in English language)
- Specialty Dental English Language Module

Postgraduates

- Periodontology (MSc First year course)
- Periodontology (MSc second year course)
- Periodontology (MSc third year course)
- Biostatistics module
- Scientific research methods module

Conferences and meetings

Participation in the following professional meetings and scientific research meetings:

- A poster entitled “IL-10 gene Polymorphisms in patients with Aggressive Periodontitis” was presented at the annual conference of the Faculty of Biological Sciences at the University of Manchester in August 2002.
- A lecture entitled “Cytokines in Periodontal Diseases” was presented at the annual conference of the Faculty of Life Sciences at the University of Manchester in August 2003.
- Participation in the annual autumn meeting of the British Society of Periodontology in London, United Kingdom, in September 2003.
- A lecture entitled “Polymorphisms of IL-10 Gene in Patients with Aggressive Periodontitis” was presented during the annual scientific meeting of the British Society for Dental Research (BSDR) in Birmingham in the United Kingdom in April 2004.
- Attendance and participation in the annual spring meeting of the British Society of Periodontology in Birmingham, United Kingdom, in May 2004.
- A lecture presented at the plenary session of the 83rd conference of the International Association for Dental Research (IADR/AADR/CADR) in Baltimore, USA in March 2005 entitled: “Interleukin-10 Gene Polymorphisms in British Caucasians with Aggressive Periodontitis.”
- A lecture presented in London during the annual spring meeting of the British Society of Periodontology about a research that was selected to compete for the Award of Sir. Wilfred Fish in September 2005 that received acknowledgement and appreciation award and was entitled: “Cytokines Polymorphisms: risk factor for aggressive periodontitis in British Caucasians”
- Attendance and participation in the annual autumn meeting of the British Society of Periodontology in London, United Kingdom, in September 2005.
- A lecture presented at the annual autumn conference of the Continental European Division (CED) and the Scandinavian Branch (MOD) of the International Association for Dental Research (IADR) in Amsterdam, the Netherlands, in September 2005, and it was entitled “IL-13 polymorphisms: Risk factors for aggressive periodontitis in British Caucasians”

Training courses

- The following courses on scientific research and management of the profession were undertaken at the University of Manchester between the years 2002-2003: presenting lectures to an academic audience, time management, registering scientific patents, protecting literary ideas and plagiarism, and advanced skills in presenting lectures.
- A Scientific Research and Statistics Methods course entitled: “Rules for designing and developing statistical data and analyzing them within research projects” under the supervision of Prof. Helen Worthington at The University of Manchester in 2003
- A course entitled “Introduction to Teaching, Learning and Assessment” undertaken in the Training and Development Unit at the University of Manchester from 8-23 October 2003. This course was designed to train new faculty members at the University of Manchester
- A course entitled “Academic Assistant Teachers” at the Training and Development Unit at the University of Manchester in 2004. This course was designed to train new faculty members at the University of Manchester

Scientific networks and platforms

- Research gate:

<https://www.researchgate.net/profile/Ali-Abou-Sulaiman>

- Google scholar:

<https://scholar.google.com/citations?user=OFzOWbMAAAAJ&hl=en>

- ORCID ID:

0000-0002-7915-8198

Skills and expertise

- Periodontology
- Dental Implantology
- Aesthetic Dentistry
- Periodontal Plastic Surgery
- Botulinum Toxins
- Dermal Fillers
- Genetics
- Microbiology
- Immunology

Languages

- Arabic
- English
- Spanish