

DIMITRA SAKELLARI
BIOGRAPHICAL SKETCH 2023



Date of birth: 15/10/1960
Place of Birth: Thessaloniki,Greece
Citizenship: Greek
Contact Address: Department of
Preventive Dentistry
,Periodontology and Implant
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POSITION TITLE

Professor ,Department of Preventive Dentistry ,Periodontology and Implant
Biology,Dental School, Aristotle University of Thessaloniki, Greece
2022- Head of the Department

EDUCATION/TRAINING

1983- DDS, Aristotle University of Thessaloniki,Greece
1991- PhD, Aristotle University of Thessaloniki, Greece
1994- Post doctoral studies, The Forsyth Institute,Boston,USA

POSITIONS AND EMPLOYMENT

1984-2000 Clinical Instructor, Department of Preventive Dentistry and Periodontology,Dental
School,Aristotle University of Thessaloniki,Greece
2000-2004 Lecturer, Department of Preventive Dentistry , Periodontology and Implant
Biology, Dental School,Aristotle University of Thessaloniki,Greece
2004-2010 Assistant Professor, Department of Preventive Dentistry , Periodontology and
Implant Biology, Dental School,Aristotle University of Thessaloniki,Greece
2011-2018 Associate Professor, Department of Preventive Dentistry , Periodontology and
Implant Biology, Dental School,Aristotle University of Thessaloniki,Greece
2018- Professor, Department of Preventive Dentistry , Periodontology and

Implant Biology, Dental School, Aristotle University of Thessaloniki, Greece

2022-Head of the Department

COURSES , TRAINING AND SUPERVISING ACTIVITIES PROVIDED AT STUDENTS at AUTH.

Theoretical and Clinical training in Periodontology of under-graduate students (5th -10th semesters).

Theoretical training in Periodontology and Implant Biology, of post-graduate students (1st-4th semesters).

Supervising M.Sc and Ph.D theses of postgraduate students in Periodontology and Implant Biology (as of 2021 : 11 and 4 respectively).

Participating in evaluating committees of M.Sc and Ph.D. theses , in Periodontology and Implant Biology, or related subjects of post-graduate students from other Departments or Schools (as of 2021: 12 and 5 respectively)

RESEARCH INTERESTS

Aetiopathogenesis ,diagnosis , antimicrobials, periodontal-systemic interactions, non-surgical treatment of periodontal and peri-implant disease.

RESEARCH COLLABORATIONS

1. Department of Periodontology, The Forsyth Institute, Boston, USA.

As of 2021, the collaboration resulted in 7 scientific papers and 7 presentations at International meetings

2. Periodontal Research Group and MRC Centre for Immune Regulation, School of Dentistry, University of Birmingham, G.Britain

As of 2021, the collaboration resulted in 1 scientific paper and 1 presentations at Europerio

3. Department of Chemical and Biological Engineering, Princeton University, Princeton, USA. As of 2021, the collaboration resulted in 4 scientific papers and 5 presentations at International meetings

4. Centre for Adult Oral Health, Barts and The London School of Medicine and Dentistry, Queen Mary University of London, G.Britain.

As of 2021, the collaboration resulted in 2 scientific papers and 2 presentations at National meetings

5. Department of Oral and Maxillofacial Diseases, Helsinki University and University Hospital, Helsinki, Finland

As of 2021 ,the collaboration resulted in 3 scientific papers and 2 presentations at National meetings

RESEARCH SUPPORT

As of 2021 ,participation as a Principal Investigator or co-investigator to 7 Research Projects administered by the Aristotle University of Thessaloniki Research Committee (code numbers 80072,82185, 82421, 84552, 87113, 87458, 94032)

SCIENTIFIC PUBLICATIONS AND METRICS

As of October 2023, 64 scientific publications in peer-reviewed International Journals(PubMed)

Scopus:citations1483, h-index:23

Google Scholar:citations2793,h-index:30

Publications in peer-reviewed National Journals: 35

Author/co-author of 13 Chapters in 6 Books of Periodontology.

1: Fragkioudakis I, Kallis A, Kesidou E, Damianidou O, Sakellari D, Vouros I. Surgical Treatment of Peri-Implantitis Using a Combined Nd: YAG and Er: YAG Laser Approach: Investigation of Clinical and Bone Loss Biomarkers. Dent J (Basel). 2023 Feb 24;11(3):61. doi: 10.3390/dj11030061. PMID: 36975558; PMCID: PMC10046921.

2: Xanthopoulou V, Räisänen I, Sorsa T, Sakellari D. Active MMP-8 as a Biomarker of Peri-implant Health or Disease. Eur J Dent. 2022 Sep 5. doi: 10.1055/s-0042-1753454. Epub ahead of print. PMID: 36063841.

3: Sorsa T, Nwhator SO, Sakellari D, Grigoriadis A, Umeizudike KA, Brandt E, Keskin M, Tervahartiala T, Pärnänen P, Gupta S, Mohindra R, Bostanci N, Buduneli N, Räisänen IT. aMMP-8 Oral Fluid PoC Test in Relation to Oral and Systemic Diseases. Front Oral Health. 2022 Jun 10;3:897115. doi: 10.3389/froh.2022.897115. PMID: 35757444; PMCID: PMC9226345.

4: Grigoriadis A, Räisänen IT, Pärnänen P, Tervahartiala T, Sorsa T, Sakellari D. Is There a Link between COVID-19 and Periodontal Disease? A Narrative Review. Eur J Dent. 2022 Jul;16(3):514-520. doi: 10.1055/s-0041-1740223. Epub 2022 Jan 6. PMID: 34991165; PMCID: PMC9507582.

5: Umeizudike K, Räisänen I, Gupta S, Nwhator S, Grigoriadis A, Sakellari D, Sorsa T. Active matrix metalloproteinase-8: A potential biomarker of oral systemic link. Clin Exp Dent Res. 2022 Feb;8(1):359-365. doi: 10.1002/cre2.516. Epub 2021 Nov 19. PMID: 34800007; PMCID: PMC8874056.

6: Gupta S, Sahni V, Räisänen IT, Grigoriadis A, Sakellari D, Gieselmann DR, Sorsa T. Linking oral microbial proteolysis to aMMP-8 PoC diagnostics along with the stage and grade of periodontitis: A cross-sectional study. Oral Dis. 2023 Jan;29(1):285-289. doi: 10.1111/odi.14008. Epub 2021 Aug 27. PMID: 34402146.

7: Sorsa T, Grigoriadis A, Sakellari D, Gupta S, Sahni V, Tervahartiala T, Räisänen IT. On the accuracy, sensitivity, and grading of mouthrinse active matrix metalloproteinase-8 (aMMP-8) point-of-care testing (POCT). J Clin Periodontol. 2021 Nov;48(11):1495-1498. doi: 10.1111/jcpe.13521. Epub 2021 Aug 19. PMID: 34312914.

8: Grigoriadis A, Koutounidou S, Räisänen I, Arsenakis M, Sakellari D. Interaction between TCF7L2 rs7903146 Genotype, HbA1c Levels, and the Periodontal Status of Dental Patients. Eur J Dent. 2021 Jul;15(3):495-501. doi: 10.1055/s-0041-1725578. Epub 2021 May 26. PMID: 34041727; PMCID: PMC8382464.

9: Räisänen IT, Lähteenmäki H, Gupta S, Grigoriadis A, Sahni V, Suojanen J, Seppänen H, Tervahartiala T, Sakellari D, Sorsa T. An aMMP-8 Point-of-Care and Questionnaire Based Real-Time Diagnostic Toolkit for Medical Practitioners.

Diagnostics (Basel). 2021 Apr 15;11(4):711. doi: 10.3390/diagnostics11040711. PMID: 33921148; PMCID: PMC8071538.

10: Fragkioudakis I, Tseleki G, Doufexi AE, Sakellari D. Current Concepts on the Pathogenesis of Peri-implantitis: A Narrative Review. *Eur J Dent.* 2021 May;15(2):379-387. doi: 10.1055/s-0040-1721903. Epub 2021 Mar 19. PMID: 33742426; PMCID: PMC8184306.

11: Grigoriadis A, Räisänen IT, Pärnänen P, Tervahartiala T, Sorsa T, Sakellari D. Prediabetes/diabetes screening strategy at the periodontal clinic. *Clin Exp Dent Res.* 2021 Feb;7(1):85-92. doi: 10.1002/cre2.338. Epub 2020 Dec 10. PMID: 33300692; PMCID: PMC7853879.

12: Räisänen IT, Umeizudike KA, Pärnänen P, Heikkilä P, Tervahartiala T, Nwhator SO, Grigoriadis A, Sakellari D, Sorsa T. Periodontal disease and targeted prevention using aMMP-8 point-of-care oral fluid analytics in the COVID-19 era. *Med Hypotheses.* 2020 Nov;144:110276. doi: 10.1016/j.mehy.2020.110276. Epub 2020 Sep 16. PMID: 33254580; PMCID: PMC7492808.

13: Sorsa T, Alassiri S, Grigoriadis A, Räisänen IT, Pärnänen P, Nwhator SO, Gieselmann DR, Sakellari D. Active MMP-8 (aMMP-8) as a Grading and Staging Biomarker in the Periodontitis Classification. *Diagnostics (Basel).* 2020 Jan 22;10(2):61. doi: 10.3390/diagnostics10020061. PMID: 31979091; PMCID: PMC7168924.

14: Katsani KR, Sakellari D. Saliva proteomics updates in biomedicine. *J Biol Res (Thessalon).* 2019 Dec 12;26:17. doi: 10.1186/s40709-019-0109-7. PMID: 31890650; PMCID: PMC6909541.

15: Grigoriadis A, Sorsa T, Räisänen I, Pärnänen P, Tervahartiala T, Sakellari D. Prediabetes/Diabetes Can Be Screened at the Dental Office by a Low-Cost and Fast Chair-Side/Point-of-Care aMMP-8 Immunotest. *Diagnostics (Basel).* 2019 Oct 17;9(4):151. doi: 10.3390/diagnostics9040151. PMID: 31627410; PMCID: PMC6963402.

16: Nalmpantis D, Gatou A, Fragkioudakis I, Margariti A, Skoura L, Sakellari D. Azurocidin in gingival crevicular fluid as a potential biomarker of chronic periodontitis. *J Periodontal Res.* 2020 Apr;55(2):209-214. doi: 10.1111/jre.12703. Epub 2019 Oct 14. PMID: 31608993.

17: Exarchou C, Betsani I, Sakellari D, Chatzopoulou D, Gillam D. A Survey of Dentists in the Management of Dentine Hypersensitivity: A Questionnaire-based Study. *Eur J Dent.* 2019 Jul;13(3):383-390. doi: 10.1055/s-0039-1694306. Epub 2019 Sep 19. PMID: 31537018; PMCID: PMC6890503.

18: Mataftsi M, Koukos G, Sakellari D. Prevalence of undiagnosed diabetes and pre-diabetes in chronic periodontitis patients assessed by an HbA1c chairside screening protocol. *Clin Oral Investig.* 2019 Dec;23(12):4365-4370. doi: 10.1007/s00784-019-02888-y. Epub 2019 Apr 9. PMID: 30968241.

19: Guzman YA, Sakellari D, Papadimitriou K, Floudas CA. High-throughput proteomic analysis of candidate biomarker changes in gingival crevicular fluid after treatment of chronic periodontitis. *J Periodontal Res.* 2018 Oct;53(5):853-860. doi: 10.1111/jre.12575. Epub 2018 Jun 14. PMID: 29900535; PMCID: PMC6135659.

20: Koleventi A, Sakellari D, Arapostathis KN, Kotsanos N. Periodontal Impact of

Preformed Metal Crowns on Permanent Molars of Children and Adolescents: A Pilot Study. *Pediatr Dent*. 2018 Mar 15;40(2):117-121. PMID: 29663912.

21: Myrovali E, Maniotis N, Makridis A, Terzopoulou A, Ntomprougkidis V, Simeonidis K, Sakellari D, Kalogirou O, Samaras T, Salikhov R, Spasova M, Farle M, Wiedwald U, Angelakeris M. Arrangement at the nanoscale: Effect on magnetic particle hyperthermia. *Sci Rep*. 2016 Nov 29;6:37934. doi: 10.1038/srep37934. PMID: 27897195; PMCID: PMC5126575.

22: White P, Sakellari D, Roberts H, Risafi I, Ling M, Cooper P, Milward M, Chapple I. Peripheral blood neutrophil extracellular trap production and degradation in chronic periodontitis. *J Clin Periodontol*. 2016 Dec;43(12):1041-1049. doi: 10.1111/jcpe.12628. Epub 2016 Oct 27. PMID: 27678376.

23: Koukos G, Konstantinidis A, Tsalikis L, Arsenakis M, Slini T, Sakellari D. Prevalence of β -lactam (bla TEM) and Metronidazole (nim) Resistance Genes in the Oral Cavity of Greek Subjects. *Open Dent J*. 2016 Mar 28;10:89-98. doi: 10.2174/1874210601610010089. PMID: 27099637; PMCID: PMC4820533.

24: Sakellari D, Brintakis K, Kostopoulou A, Myrovali E, Simeonidis K, Lappas A, Angelakeris M. Ferrimagnetic nanocrystal assemblies as versatile magnetic particle hyperthermia mediators. *Mater Sci Eng C Mater Biol Appl*. 2016 Jan 1;58:187-93. doi: 10.1016/j.msec.2015.08.023. Epub 2015 Aug 15. PMID: 26478302.

25: Koukos G, Sakellari D, Arsenakis M, Tsalikis L, Slini T, Konstantinidis A. Prevalence of *Staphylococcus aureus* and methicillin resistant *Staphylococcus aureus* (MRSA) in the oral cavity. *Arch Oral Biol*. 2015 Sep;60(9):1410-5. doi: 10.1016/j.archoralbio.2015.06.009. Epub 2015 Jun 20. PMID: 26151200.

26: Lang N, Feres M, Corbet E, Ding Y, Emingil G, Faveri M, Humagain M, Izumi Y, Kamil W, Kemal Y, Mahanonda R, Rajpal J, Sakellari D, Tan WC, Yamazaki K. Group B. Consensus paper. Non-surgical periodontal therapy: mechanical debridement, antimicrobial agents and other modalities. *J Int Acad Periodontol*. 2015 Jan;17(1 Suppl):34-6. PMID: 25764589.

27: Koukos G, Papadopoulos C, Tsalikis L, Sakellari D, Arsenakis M, Konstantinidis A. Prevalence of antibiotic resistance genes in subjects with successful and failing dental implants. A pilot study. *Open Dent J*. 2015 Jan 6;8:257-63. doi: 10.2174/1874210601408010257. PMID: 25646133; PMCID: PMC4311380.

28: Makridis A, Topouridou K, Tziomaki M, Sakellari D, Simeonidis K, Angelakeris M, Yavropoulou MP, Yovos JG, Kalogirou O. In vitro application of Mn-ferrite nanoparticles as novel magnetic hyperthermia agents. *J Mater Chem B*. 2014 Dec 21;2(47):8390-8398. doi: 10.1039/c4tb01017e. Epub 2014 Oct 27. PMID: 32262009.

29: Kargas K, Tsalikis L, Sakellari D, Menexes G, Konstantinidis A. Pilot study on the clinical and microbiological effect of subgingival glycine powder air polishing using a cannula-like jet. *Int J Dent Hyg*. 2015 Aug;13(3):161-9. doi: 10.1111/idh.12104. Epub 2014 Aug 26. PMID: 25156125.

30: Tsalikis L, Sakellari D, Dagalis P, Boura P, Konstantinidis A. Effects of doxycycline on clinical, microbiological and immunological parameters in well-controlled diabetes type-2 patients with periodontal disease: a randomized, controlled clinical trial. *J Clin Periodontol*. 2014 Oct;41(10):972-80. doi:

10.1111/jcpe.12287. Epub 2014 Sep 3. PMID: 25041182.

31: Vamvakidis K, Katsikini M, Sakellari D, Paloura EC, Kalogirou O, Dendrinou-Samara C. Reducing the inversion degree of MnFe₂O₄ nanoparticles through synthesis to enhance magnetization: evaluation of their (1)H NMR relaxation and heating efficiency. *Dalton Trans.* 2014 Sep 7;43(33):12754-65. doi: 10.1039/c4dt00162a. PMID: 25014470.

32: Plastargias I, Sakellari D. The consequences of tongue piercing on oral and periodontal tissues. *ISRN Dent.* 2014 Jan 29;2014:876510. doi: 10.1155/2014/876510. PMID: 24616814; PMCID: PMC3926233.

33: Guzman YA, Sakellari D, Arsenakis M, Floudas CA. Proteomics for the discovery of biomarkers and diagnosis of periodontitis: a critical review. *Expert Rev Proteomics.* 2014 Feb;11(1):31-41. doi: 10.1586/14789450.2014.864953. Epub 2013 Nov 26. PMID: 24308552.

34: Apatzidou DA, Zygogianni P, Sakellari D, Konstantinidis A. Oral hygiene reinforcement in the simplified periodontal treatment of 1 hour. *J Clin Periodontol.* 2014 Feb;41(2):149-56. doi: 10.1111/jcpe.12200. Epub 2013 Dec 18. PMID: 24255993.

35: Kyriazis T, Gkrizioti S, Tsalikis L, Sakellari D, Deligianidis A, Konstantinidis A. Immunological and microbiological findings after the application of two periodontal surgical techniques: a randomized, controlled clinical trial. *J Clin Periodontol.* 2013 Nov;40(11):1036-42. doi: 10.1111/jcpe.12149. Epub 2013 Aug 22. PMID: 24033812.

36: Davidopoulou S, Diza E, Sakellari D, Menexes G, Kalfas S. Salivary concentration of free LL-37 in edentulism, chronic periodontitis and healthy periodontium. *Arch Oral Biol.* 2013 Aug;58(8):930-4. doi: 10.1016/j.archoralbio.2013.01.003. Epub 2013 Feb 8. PMID: 23778112.

37: Baliban RC, Sakellari D, Li Z, Guzman YA, Garcia BA, Floudas CA. Discovery of biomarker combinations that predict periodontal health or disease with high accuracy from GCF samples based on high-throughput proteomic analysis and mixed-integer linear optimization. *J Clin Periodontol.* 2013 Feb;40(2):131-9. doi: 10.1111/jcpe.12037. Epub 2012 Nov 29. PMID: 23190455; PMCID: PMC3543478.

38: Kyriazis T, Gkrizioti S, Mikrogeorgis G, Tsalikis L, Sakellari D, Lyroudia K, Konstantinides A. Crestal bone resorption after the application of two periodontal surgical techniques: a randomized, controlled clinical trial. *J Clin Periodontol.* 2012 Oct;39(10):971-8. doi: 10.1111/j.1600-051X.2012.01928.x. Epub 2012 Jul 30. PMID: 22845614.

39: Tsoukaki M, Kalpidis CD, Sakellari D, Tsalikis L, Mikrogiorgis G, Konstantinidis A. Clinical, radiographic, microbiological, and immunological outcomes of flapped vs. flapless dental implants: a prospective randomized controlled clinical trial. *Clin Oral Implants Res.* 2013 Sep;24(9):969-76. doi: 10.1111/j.1600-0501.2012.02503.x. Epub 2012 Jun 18. PMID: 22708917.

40: Baliban RC, Sakellari D, Li Z, DiMaggio PA, Garcia BA, Floudas CA. Novel protein identification methods for biomarker discovery via a proteomic analysis of periodontally healthy and diseased gingival crevicular fluid samples. *J Clin Periodontol.* 2012 Mar;39(3):203-12. doi: 10.1111/j.1600-051X.2011.01805.x. Epub 2011 Nov 10. PMID: 22092770; PMCID: PMC3268946.

41: Ioannou I, Dimitriadis N, Papadimitriou K, Vouros I, Sakellari D, Konstantinidis A. The effect of locally delivered doxycycline in the treatment of chronic periodontitis. A clinical and microbiological cohort study. *J Oral Maxillofac Res.* 2011 Jan 1;1(4):e1. doi: 10.5037/jomr.2010.1401. PMID: 24421978; PMCID: PMC3886072.

42: Sakellari D, Katsikari A, Slini T, Ioannidis I, Konstantinidis A, Arsenakis M. Prevalence and distribution of *Aggregatibacter actinomycetemcomitans* serotypes and the JP2 clone in a Greek population. *J Clin Periodontol.* 2011 Feb;38(2):108-14. doi: 10.1111/j.1600-051X.2010.01649.x. Epub 2010 Nov 24. PMID: 21092055.

43: Mataftsi M, Skoura L, Sakellari D. HIV infection and periodontal diseases: an overview of the post-HAART era. *Oral Dis.* 2011 Jan;17(1):13-25. doi: 10.1111/j.1601-0825.2010.01727.x. Epub 2010 Oct 28. PMID: 21029260.

44: Sakellari D, Ioannidis I, Antoniadou M, Slini T, Konstantinidis A. Clinical and microbiological effects of adjunctive, locally delivered chlorhexidine on patients with chronic periodontitis. *J Int Acad Periodontol.* 2010 Jan;12(1):20-6. Erratum in: *J Int Acad Periodontol.* 2010 Apr;12(2):62. Dimitra, Sakellari [corrected to Sakellari, Dimitra]; Ioannis, Ioannidis [corrected to Ioannidis, Ioannis]; Malama, Antoniadou [corrected to Antoniadou, Malama]; Theodora, Slini [corrected to Slini, Theodora]; Antonis, Konstantinidis [corrected to Konstant. PMID: 20593635.

45: Teles R, Sakellari D, Teles F, Konstantinidis A, Kent R, Socransky S, Haffajee A. Relationships among gingival crevicular fluid biomarkers, clinical parameters of periodontal disease, and the subgingival microbiota. *J Periodontol.* 2010 Jan;81(1):89-98. doi: 10.1902/jop.2009.090397. PMID: 20059421; PMCID: PMC2805280.

46: Ioannidis I, Sakellari D, Spala A, Arsenakis M, Konstantinidis A. Prevalence of tetM, tetQ, nim and bla(TEM) genes in the oral cavities of Greek subjects: a pilot study. *J Clin Periodontol.* 2009 Jul;36(7):569-74. doi: 10.1111/j.1600-051X.2009.01425.x. PMID: 19538330.

47: Teles RP, Sakellari D, Konstantinidis A, Socransky SS, Haffajee AD. Application of the checkerboard immunoblotting technique to the quantification of host biomarkers in gingival crevicular fluid. *J Periodontol.* 2009 Mar;80(3):447-56. doi: 10.1902/jop.2009.080440. PMID: 19254129; PMCID: PMC2712874.

48: Ioannou I, Dimitriadis N, Papadimitriou K, Sakellari D, Vouros I, Konstantinidis A. Hand instrumentation versus ultrasonic debridement in the treatment of chronic periodontitis: a randomized clinical and microbiological trial. *J Clin Periodontol.* 2009 Feb;36(2):132-41. doi: 10.1111/j.1600-051X.2008.01347.x. PMID: 19207889.

49: Sakellari D, Menti S, Konstantinidis A. Free soluble receptor activator of nuclear factor-kappaB ligand in gingival crevicular fluid correlates with distinct pathogens in periodontitis patients. *J Clin Periodontol.* 2008 Nov;35(11):938-43. doi: 10.1111/j.1600-051x.2008.01314.x. PMID: 18988315.

50: Sakellari D, Katsares V, Georgiadou M, Kouvatsi A, Arsenakis M, Konstantinidis A. No correlation of five gene polymorphisms with periodontal

conditions in a Greek population. *J Clin Periodontol.* 2006 Nov;33(11):765-70. doi: 10.1111/j.1600-051X.2006.00983.x. Epub 2006 Aug 14. PMID: 16911569.

51: Xajigeorgiou C, Sakellari D, Slini T, Baka A, Konstantinidis A. Clinical and microbiological effects of different antimicrobials on generalized aggressive periodontitis. *J Clin Periodontol.* 2006 Apr;33(4):254-64. doi: 10.1111/j.1600-051X.2006.00905.x. PMID: 16553634.

52: Konstantinidis A, Sakellari D, Papa A, Antoniadis A. Real-time polymerase chain reaction quantification of Epstein-Barr virus in chronic periodontitis patients. *J Periodontol Res.* 2005 Aug;40(4):294-8. doi: 10.1111/j.1600-0765.2005.00796.x. PMID: 15966906.

53: Sakellari D, Vouros ID, Aristodemou E, Konstantinidis AB, Socransky S, Goodson M. Tetracycline fibers as an adjunct in the treatment of nifedipine-induced gingival enlargement. *J Periodontol.* 2005 Jun;76(6):1034-9. doi: 10.1902/jop.2005.76.6.1034. PMID: 15948702.

54: Sakellari D, Arapostathis KN, Konstantinidis A. Periodontal conditions and subgingival microflora in Down syndrome patients. A case-control study. *J Clin Periodontol.* 2005 Jun;32(6):684-90. doi: 10.1111/j.1600-051X.2005.00737.x. PMID: 15882231.

55: Sakellari D, Vouros I, Konstantinidis A. The use of tetracycline fibres in the treatment of generalised aggressive periodontitis: clinical and microbiological findings. *J Int Acad Periodontol.* 2003 Apr;5(2):52-60. PMID: 12760507.

56: Sakellari D, Koukoudetsos S, Arsenakis M, Konstantinidis A. Prevalence of IL-1A and IL-1B polymorphisms in a Greek population. *J Clin Periodontol.* 2003 Jan;30(1):35-41. doi: 10.1034/j.1600-051x.2003.300106.x. PMID: 12702109.

57: Sakellari D, Belibasakis G, Chadjipadelis T, Arapostathis K, Konstantinidis A. Supragingival and subgingival microbiota of adult patients with Down's syndrome. Changes after periodontal treatment. *Oral Microbiol Immunol.* 2001 Dec;16(6):376-82. doi: 10.1034/j.1399-302x.2001.160610.x. PMID: 11737662.

58: Markopoulos AK, Belazi M, Drakoulakos D, Petrou-Americanou C, Sioulis A, Sakellari D, Papanayotou P. Epidermal growth factor in saliva and serum of patients with cyclosporin-induced gingival overgrowth. *J Periodontol Res.* 2001 Apr;36(2):88-91. doi: 10.1034/j.1600-0765.2001.360204.x. PMID: 11327083.

59: Sakellari D, Goodson JM, Kolokotronis A, Konstantinidis A. Concentration of 3 tetracyclines in plasma, gingival crevice fluid and saliva. *J Clin Periodontol.* 2000 Jan;27(1):53-60. doi: 10.1034/j.1600-051x.2000.027001053.x. PMID: 10674962.

60: Colombo AP, Sakellari D, Haffajee AD, Tanner A, Cugini MA, Socransky SS. Serum antibodies reacting with subgingival species in refractory periodontitis subjects. *J Clin Periodontol.* 1998 Jul;25(7):596-604. doi: 10.1111/j.1600-051x.1998.tb02493.x. PMID: 9696261.

61: Sakellari D, Socransky SS, Dibart S, Eftimiadi C, Taubman MA. Estimation of serum antibody to subgingival species using checkerboard immunoblotting. *Oral Microbiol Immunol.* 1997 Oct;12(5):303-10. doi: 10.1111/j.1399-302x.1997.tb00395.x. PMID: 9467384.

62: Vouros J, Sakellari D, Konstantinidis A. Effect of a new pre-brushing rinse on dental plaque removal. J Clin Periodontol. 1994 Nov;21(10):701-4. doi: 10.1111/j.1600-051x.1994.tb00789.x. PMID: 7852615.

63: Sakellari D, Konstantinidis A. Periodontal conditions of 6-15-yr-olds in various fluoride areas in Greece. Community Dent Oral Epidemiol. 1992 Jun;20(3):156-7. doi: 10.1111/j.1600-0528.1992.tb01552.x. PMID: 1623709.

64: Kotsanos N, Sakellari D. Gnoseis kai synetheies stomatikes ygieinos 506 atomon pou episkephthekan mia panepistemiake klinike [Dental health practices of 506 Greek adults attending a dental clinic]. Hell Stomatol Chron. 1988 Jan-Mar;32(1):53-9. Greek, Modern. PMID: 3153683.

OTHER SCIENTIFIC ACTIVITIES

Over 200 contributions at national and international meetings as oral and poster presentations, lectures or participation at scientific workshops and seminars.

AWARDS AND DISTINCTIONS

Recipient of the T. Koulourides award for Dental Research in Greece, by Pocter & Gamble Hellas (2004, 2011), Second Poster Prize at the 6th Congress of the European Federation of Periodontology, Stocholm, Sweden (2009), three Distinctions for Research projects at National Meetings, finalist for the Research Forum Competition –Clinical Science, 103d Annual Meeting of the American Academy of Periodontology (2017).

SUPERVISING EXPERIENCE

Ph.D. theses , Dental School , AUTH

1. "Resolution phase agonists and bone remodeling: Supressor of cytokine signaling-3(SOCS-3) regulates alveolar bone loss in experimental periodontitis and the anti-inflammatory actions of Resolvin E1(RvE1)" E.Papathanasiou -2016- Member of the Examining Committee.

2. " Microbial Resistance in Health and Inflammation of Periodontal and Peri-Implant Tissues" G.Koukos -2014- Supervising Professor.

3. " The antimicrobial peptide LL-37 in the oral cavity" S.Davidopoulou-2013- Member of the Advising Committee.

4. "The effect of doxycycline on clinical parameters and MMP-8 levels of periodontal patients with diabetes mellitus type-2" N.Eftimadis-2012- Member of the Advising Committee.

5. " Clinical and microbiological findings after systemic administration of metronidazole and clavulanic acid or metronidazole alone on treatment of patients with chronic periodontitis" E.Xatzisavva- 2006- Member of the Examining Committee.

6. "Oral conditions in Down syndrome subjects: study of susceptibility factors K.Arapostathis-2002- Member of the Examining Committee.

7. "Systemic and local delivery of metronidazole in aggressive periodontitis in young individuals. Clinical and microbiological findings. Comparative evaluation of the methods for 12 months" E. Aristodimou-2002- Member of the Examining Committee.

PhD theses -active projects 2023

1. "Screening strategy for undiagnosed prediabetes- diabetes at the periodontal clinic"
A. Grigoriadis – Supervising Professor.

2. "The relationship of peri-implantitis with COX-2 gene polymorphisms, active MMP-8 levels and characterization of the associated microbiome" I. Fragioudakis– Supervising Professor.

M.Sc theses ,postgraduate students ,Dental School , AUTH

1. "Detection of undiagnosed diabetes mellitus in chronic periodontitis patients by a chair-side HbA1c test at the dental settings" M. Mataftsi-2017-

2. "Evaluation of azurocidin in Gingival Crevicular Fluid as a biomarker for periodontal disease" D. Nalmpantis -2017-

3. "Stainless steel crowns. Impact at the periodontal tissues in children and adolescents. A prospective split mouth study" E. Koleventi -2017

4. "Neutrophil extracellular traps in chronic periodontitis patients" I. Risafi –2015- Supervising Professor.

5. "Caries activity and prevalence of selected bacterial species in the oral cavity of children residing in Greece» S. Frangkou-2015- Member of the Examining Committee.

6. "Aggregatibacter actinomycetemcomitans in dental plaque of children in Greece- prevalence, distribution of serotypes and mother to child transmission» X. Balasouli-2015- Member of the Examining Committee.

7. "Peri-implant bone loss in implants with different implant-abutment connections: clinical, radiographic, microbiological and immunological outcomes" S. Garaibe -2014- Supervising Professor

8. "Clinical and microbiological evaluation of the effectiveness of subgingival application of a glycine powder device during supportive periodontal treatment» K. Kargas -2011- Member of the Examining Committee.

9. "Oral hygiene reinforcement in the simplified periodontal treatment of 1 hour." P. Zygianni -2010- Member of the Examining Committee.

10. "The effect of the type of implant-abutment connection in preserving peri-implant bone support: Clinical, microbiological and immunological study of two different systems with

internal vs external type of connection” E.Markou-2010- Member of the Examining Committee.

11. “The effect of the type of implant-abutment connections in preserving peri-implant bone support: Clinical,microbiological and immunological study of one system with with internal vs external type of connection” S.Menti -2010- Member of the Examining Committee.

12. “Clinical, radiographic, microbiological, and immunological outcomes of flapped vs. flapless dental implants: a prospective randomized controlled clinical trial” M.Tsoukaki - 2010-- Member of the Examining Committee.

13. “Immunological and microbiological findings after the application of two periodontal surgical techniques: a randomized, controlled clinical trial” S.Grizioti -2009- Supervising Professor.

14. “ Clinical effects of root-planning with hand instruments compared to the use of ultrasonics during treatment of chronic periodontitis» I.Ioannou-2008- Member of the Examining Committee.

15. “ Interaction of the subgingival microbiota and pro-inflammatory cytokines (IL-1b,IL-6,TNF-a) before and after periodontal therapy” I.Ioannidis -2006- Supervising Professor.

16. “ Systemic markers of inflammation in periodontal patients.Correlation to clinical parameters and microbiological findings after periodontal treatment” P.Xatzisavvas -2006- Member of the Examining Committee.

17. “ Effect of periodontal treatment on the levels of interleukin-8 and matrix metalloproteinase-8 in Gingival Crevicular Fluid. Relation to changes of the subgingival flora”A.Baka -2006- Supervising Professor.

18. “ Microbiological quality of water in dental units of the Dental School at AUTH” M.Arava - 2006- Member of the Examining Committee.

MSc theses , post-graduate students, School of Veterinary Medicine ,AUTH.

1. “The effect of periodontal pathogens on periodontal disease progression and oral malodor in canines ” I.Papadopoulou -2013- Member of the Examining Committee.

2. “ Periodontal disease as possible factor of initiation of systemic inflammation in canines ” M.Kouki-2010- Member of the Examining Committee.

MSc theses ,School of Biology , AUTH.

1. “ Polymorphisms of the genes encoding IL-1a ,IL-1b and ILRA and periodontal condition”.

E.Miserli-2004- Co-supervisor.

2. “ Application of polymerase chain reaction (PCR) for detection of A.actinomycetemcomitans” A.Evangeliou -2001- Co-supervisor.

MSc theses ,School of Biology ,DUTH.

1. “Proteomic Analysis of Oral Fluids”. I. Giantikidis-2015- Member of the Examining Committee.

