

Giuseppe Troiano

Curriculum Vitae

Name and Surname	Giuseppe Troiano
Place and date of birth	Avellino, 27 January 1989
Official Residence	Guardia Lombardi (AV), 83040 - Via Beveri 5.
Qualifications	<p>Maturità scientifico-tecnologica – 2007, 98/100 – Liceo De Sanctis, Sant’Angelo dei Lombardi (AV). (High School).</p> <p>Degree in Dental Sciences - 2013, 110 cum laude - University of Foggia</p> <p>PhD in "Foods and Health: Innovation and Management for a high health value" - (CicloXXX, SSD – MED/28) University of Foggia - 04/- University of Foggia</p> <p>Specialization course in "Oral Medicine and Pathology" - 2015 - University of Foggia</p> <p>Specialization course in "Fixed Prosthodontics" - 2016 - University of Foggia</p> <p>Post-Doc Position with the project "Analysis of microRNA expression as prognostic factors in patients with squamous cell carcinoma of the oral cavity" at the Department of Clinical and Experimental Medicine of the University of Foggia (2018-2020).</p> <p>Position as a type b researcher- 2020 until today - University of Foggia</p>
Other Assignments	Member of the working group organized by the Department of Public Health and Innovation of the Italian Ministry of Health for the drafting of the "Recommendations for the promotion of oral health, the prevention of oral diseases and odontostomatological therapy in adult patients with neoplastic disease". (2019)
Titles	<p>Full Professor in Dentistry and Prosthodontics at LUM University “Giuseppe Degennaro” of Casamassima (2024- ongoing).</p> <p>Associate Professor in Dentistry and Prosthodontics at the University of Foggia (2023-2024).</p> <p>Type b Researcher at the Department of clinical and experimental medicine - University of Foggia, Italy (2020-2023).</p> <p>Lecturer in Fixed Prosthesis (CFU: 2 Teaching + 1 internship; hours: 24 teaching + 12 internship) forming part of the integrated course of Implantology at the degree course in dentistry and dental prosthesis of the University of Foggia. (academic years 2018/2019 and 2019/2020).</p>

	Lecture in Removable Prosthodontics (CFU: 6 Teaching + 2 internship; hours: 75 teaching + 32 internship) part of the integrated course of Odontostomatological Disciplines 1 at the degree course in dentistry and dental prosthesis of the university of Foggia (academic year 2019/2020).
Affiliation to recognized scientific societies	from 2016 up today Active Member of SIPMO (Italian Society of Oral Pathology and Medicine) from 2019 up to today Active Member for scientific merits of the IPA (International Piezoelectric Surgery Academy)
Scientific production	Included in the ranking of the Top 2% Scientists from the Stanford University. Author of over 180 records including: publications, reports, communications and posters at national and international conferences, of which over 100 publications in international journals including Journal of Dental Research, Oral Oncology and Journal of Clinical Periodontology (with an H-Index = 35, 5000 citations and 185 documents indexed on the Scopus database.)
Previous teaching activity at degree courses and post-graduate courses.	2014 Attribution of seminar and tutorial teaching in teaching in "Prosthetic and laboratory technologies", at the degree course in Dentistry and Dental Prosthetics of the University of Foggia (28 hours). Attribution of seminar and tutorial teaching in teaching in: "Prosthetics in Odontostomatological Disciplines 1", at the degree course in Dentistry and Dental Prosthetics of the University of Foggia (15 hours). 2015 Attribution of seminar and tutorial teaching in teaching in: "Prosthetics in Odontostomatological Disciplines 1", at the degree course in Dentistry and Dental Prosthetics of the University of Foggia (15 hours). 2016 Attribution of seminar and tutorial teaching in teaching in: "Prosthetics in Odontostomatological Disciplines 1", at the degree course in Dentistry and Dental Prosthetics of the University of Foggia (15 hours). 2017 Teaching assignment as a speaker at the Second Level Master in "Oral Surgery" at the University of Foggia. Attribution of seminar and tutorial teaching in teaching in "Oral Pathology", at the degree course in Dentistry and Dental Prosthetics of the University of Foggia (8 hours). Attribution of seminar and tutorial teaching in teaching in: "Prosthetics in Odontostomatological Disciplines 1", at the degree course in Dentistry and Dental Prosthetics of the University of Foggia (15 hours). Attribution of seminar and tutorial teaching in teaching in "Pedodontics", at the

degree course in Dentistry and Dental Prosthetics of the University of Foggia (4 hours).

2018

Grant by contract for consideration of the title of teaching and internship in Fixed Prosthesis in Implantology (CFU: 2 Teaching + 1 internship; hours: 24 teaching + 12 internship) part of the integrated course of Implantology at the degree course in dentistry and dental prosthesis of the University of Foggia (36 hours).

Teaching assignment as a speaker at the second level Master in "Surgery and Oral Pathology" at the Catholic University of the Sacred Heart of Rome.

Teaching assignment as a speaker at the Second Level Master in "Oral Surgery" at the University of Foggia.

Attribution of seminar and tutorial teaching in teaching in "Oral Pathology", at the degree course in Dentistry and Dental Prosthetics of the University of Foggia (8 hours).

Attribution of seminar and tutorial teaching in teaching in "Odontostomatological Diseases", at the degree course in Medicine and Surgery of the University of Foggia (1.5 hours).

2019

Attribution of seminar and tutorial teaching in teaching in "Odontostomatological Diseases", at the degree course in Medicine and Surgery of the University of Foggia (2 hours).

Attribution of seminar and tutorial teaching in teaching in "Oral Pathology", at the degree course in Dentistry and Dental Prosthetics of the University of Foggia (8 hours).

Grant by contract for consideration of the title of teaching and internship in Fixed Prosthesis in Implantology (CFU: 2 Teaching + 1 internship; hours: 24 teaching + 12 internship) part of the integrated course of Implantology at the degree course in dentistry and dental prosthesis of the University of Foggia (36 hours).

2020

Teaching and internship in Fixed Prosthesis in Implantology (CFU: 2 Teaching + 1 internship; hours: 24 teaching + 12 internship) part of the integrated course of Implantology at the degree course in dentistry and dental prosthesis of the University of Foggia (36 hours).

Teaching and internship in Removable Prosthodontics (CFU: 6 Teaching + 2 internship; hours: 72 teaching + 24 internship) part of the integrated course of Dental Specialities 1 at the degree course in dentistry and dental prosthesis of the University of Foggia (96 hours).

2021

Teaching and internship in Periodontology in Implantology (CFU: 2 Teaching + 1 internship; hours: 24 teaching + 12 internship) part of the integrated course of Implantology at the degree course in dentistry and dental prosthesis of the University of Foggia (36 hours).

Teaching and internship in Removable Prosthodontics (CFU: 6 Teaching + 2

	<p>internship; hours: 72 teaching + 24 internship) part of the integrated course of Dental Specialities 1 at the degree course in dentistry and dental prosthesis of the University of Foggia (96 hours).</p> <p>2022</p> <p>Teaching and internship Implant Periodontology (CFU: 2 Teaching + 1 internship; hours: 24 teaching + 12 internship) part of the integrated course of Implantology at the degree course in dentistry and dental prosthesis of the University of Foggia (36 hours).</p> <p>Teaching and internship Clinical Implantology (CFU: 2 Teaching + 1 internship; hours: 24 teaching + 12 internship) part of the integrated course of Implantology at the degree course in dentistry and dental prosthesis of the University of Foggia (36 hours).</p> <p>Teaching and internship in Removable Prosthodontics (CFU: 6 Teaching + 2 internship; hours: 72 teaching + 24 internship) part of the integrated course of Dental Specialities 1 at the degree course in dentistry and dental prosthesis of the University of Foggia (96 hours).</p> <p>2023</p> <p>Teaching and internship Implant Periodontology (CFU: 2 Teaching + 1 internship; hours: 24 teaching + 12 internship) part of the integrated course of Implantology at the degree course in dentistry and dental prosthesis of the University of Foggia (36 hours).</p> <p>Teaching and internship Clinical Implantology (CFU: 2 Teaching + 1 internship; hours: 24 teaching + 12 internship) part of the integrated course of Implantology at the degree course in dentistry and dental prosthesis of the University of Foggia (36 hours).</p> <p>Teaching and internship in Removable Prosthodontics (CFU: 6 Teaching + 2 internship; hours: 72 teaching + 24 internship) part of the integrated course of Dental Specialities 1 at the degree course in dentistry and dental prosthesis of the University of Foggia (96 hours).</p>
<p>Research activity at foreign universities</p>	<p>2015</p> <p>From 22/08/2015 to 22/10/2015 research fellowship at the Department of Medical Biosciences, Unit of Head and Neck Pathology, Umeå University, Sweden. Research project: “Analysis of c-myc expression in patients with squamous cell carcinoma of the tongue”. (Supervisor: Prof. Karin Nylander)</p> <p>2016</p> <p>From 30/05/2016 to 23/07/2016 research fellowship at the Department of Medical Biosciences, Unit of Head and Neck Pathology, Umeå University, Sweden. Research project: “Evaluation of circulating miRNAs in plasma of</p>

	<p>patients with squamous cell carcinoma of the tongue as possible diagnostic biomarkers". (Supervisor: Prof. Karin Nylander)</p> <p>2017 From 30/01/2017 to 05/04/2017 research fellowship at the Department of Medical Biosciences, Unit of Head and Neck Pathology, Umeå University, Sweden. Research project: "Analysis of long non-coding RNAs expression as biomarkers of patients with squamous cell carcinoma of the tongue". (Supervisor: Prof. Karin Nylander)</p> <p>2019 Research activity at the Cancer and Translational Medicine research unit of the University of Oulu; Oulu, Finland (Supervisor: prof. Tuula Salo). Participation in the research project on the analysis of histological features as prognostic factors in patients with squamous cell carcinoma of the tongue. (from 01-08-2019 to 29-09-2019).</p>
<p>Teaching activity at PhD courses</p>	<p>2017 Speaker for the seminar entitled: "Protocols for systematic reviews of the literature with meta-analysis", as part of the third year training activities of the PhD course in: "Innovation and management of foods with a high health value " (cycle XXXI).</p> <p>2020 Teaching at the PhD course in Translational Medicine, lecturing at the course: "Protocols for systematic review and meta-analysis of the literature" (8 hours). (cycle XXXIV).</p> <p>2024 Seminar at the PhD course in Medical Humanities (University of Foggia), lecturing at the course: "Artificial Intelligence in Medicine: Basis and Opportunities" (cycle XXXIX).</p>
<p>Scientific Articles</p>	<p>1: Troiano G, Fanelli F, Rapani A, Zotti M, Lombardi T, Zhurakivska K, Stacchi C. Can radiomic features extracted from intra-oral radiographs predict physiological bone remodelling around dental implants? A hypothesis-generating study. J Clin Periodontol. 2023 Feb 26. Doi: 10.1111/jcpe.13797. Epub ahead of print. PMID: 36843362.</p> <p>2: Zhurakivska K, Luciano R, Caponio VCA, Lo Russo L, Muzio LL, Mascitti M, Troiano G. Cost/effectiveness analysis of treatment options for the rehabilitation of the total edentulous mandible. J Oral Rehabil. 2023 Jan 27. Doi:</p>

10.1111/joor.13423. Epub ahead of print. PMID: 36704998.

3: Troiano G, Nibali L, Petsos H, Eickholz P, Saleh MHA, Santamaria P, Jian J, Shi S, Meng H, Zhurakivska K, Wang HL, Ravidà A. Development and international validation of logistic regression and machine-learning models for the prediction of 10-year molar loss. *J Clin Periodontol*. 2023 Mar;50(3):348-357. Doi: 10.1111/jcpe.13739. Epub 2022 Dec 11. PMID: 36305042.

4: Stacchi C, Troiano G, Montaruli G, Mozzati M, Lamazza L, Antonelli A, Giudice A, Lombardi T. Changes in implant stability using different site preparation techniques: Osseodensification drills versus piezoelectric surgery. A multi-center prospective randomized controlled clinical trial. *Clin Implant Dent Relat Res*. 2023 Feb;25(1):133-140. Doi: 10.1111/cid.13140. Epub 2022 Oct 3. PMID: 36190150.

5: Di Stefano M, Santonocito S, Polizzi A, Mauceri R, Troiano G, Lo Giudice A, Romano A, Mascitti M, Isola G. A Reciprocal Link between Oral, Gut Microbiota during Periodontitis: The Potential Role of Probiotics in Reducing Dysbiosis-Induced Inflammation. *Int J Mol Sci*. 2023 Jan 6;24(2):1084. Doi: 10.3390/ijms24021084. PMID: 36674600; PMCID: PMC9867370.

6: Zhurakivska K, Russo LL, Muzio LL, Caponio VCA, Laino L, Arena C, Cirillo N, Troiano G. Antibiotic prophylaxis at the time of dental implant placement: a cost-effectiveness analysis. *BMC Health Serv Res*. 2022 Aug 22;22(1):1073. Doi: 10.1186/s12913-022-08452-x. PMID: 35996129; PMCID: PMC9396847.

7: Lombardi T, Lamazza L, Bernardello F, Ziętek G, Stacchi C, Troiano G. Clinical and radiographic outcomes following transcrestal maxillary sinus floor elevation with injectable xenogenous bone substitute in gel form: a prospective multicenter study. *Int J Implant Dent*. 2022 Jul 22;8(1):32. Doi: 10.1186/s40729-022-00431-5. PMID: 35867239; PMCID: PMC9307698.

8: Stacchi C, Bernardello F, Spinato S, Mura R, Perelli M, Lombardi T, Troiano G, Canullo L. Intraoperative complications and early implant failure after transcrestal sinus floor elevation with residual bone height ≤ 5 mm: A retrospective multicenter study. *Clin Oral Implants Res*. 2022 Aug;33(8):783-791. Doi: 10.1111/clr.13959. Epub 2022 May 29. PMID: 35578774; PMCID: PMC9543216.

9: Pesce P, Menini M, Ugo G, Bagnasco F, Dioguardi M, Troiano G. Evaluation of periodontal indices among non-smokers, tobacco, and e-cigarette smokers: a systematic review and network meta-analysis. *Clin Oral Investig*. 2022 Jul;26(7):4701-4714. Doi: 10.1007/s00784-022-04531-9. Epub 2022 May 13. PMID: 35556173; PMCID: PMC9276554.

10: Saleh MHA, Dukka H, Troiano G, Ravidà A, Galli M, Qazi M, Greenwell H, Wang HL. External validation and comparison of the predictive performance of 10 different tooth-level prognostic systems. *J Clin Periodontol*. 2021

Nov;48(11):1421-1429. Doi: 10.1111/jcpe.13542. Epub 2021 Sep 12. PMID: 34472120.

11: Dukka H, Dietrich T, Saleh MHA, Troiano G, Yonel Z, Ravidà A, Wang HL, Greenwell H, Chapple ILC. Prognostic performance of the 2017 World Workshop classification on staging and grading of periodontitis compared with the British Society of Periodontology's implementation. *J Periodontol.* 2022 Apr;93(4):537-547. Doi: 10.1002/JPER.21-0296. Epub 2021 Sep 7. PMID: 34314515.

12: Caponio VCA, Troiano G, Togni L, Zhurakivska K, Santarelli A, Laino L, Rubini C, Lo Muzio L, Mascitti M. Pattern and localization of perineural invasion predict poor survival in oral tongue carcinoma. *Oral Dis.* 2023 Mar;29(2):411-422. Doi: 10.1111/odi.13900. Epub 2021 May 30. PMID: 33964054.

13: Troiano G, Rubini C, Togni L, Caponio VCA, Zhurakivska K, Santarelli A, Cirillo N, Lo Muzio L, Mascitti M. The immune phenotype of tongue squamous cell carcinoma predicts early relapse and poor prognosis. *Cancer Med.* 2020 Nov;9(22):8333-8344. Doi: 10.1002/cam4.3440. Epub 2020 Oct 13. PMID: 33047888; PMCID: PMC7666743.

14: Ravidà A, Troiano G, Qazi M, Saleh MHA, Lo Russo L, Greenwell H, Giannobile WV, Wang HL. Development of a nomogram for the prediction of periodontal tooth loss using the staging and grading system: A long-term cohort study. *J Clin Periodontol.* 2020 Nov;47(11):1362-1370. Doi: 10.1111/jcpe.13362. Epub 2020 Sep 28. PMID: 32886408.

15: Caponio VCA, Troiano G, Adipietro I, Zhurakivska K, Arena C, Mangieri D, Mascitti M, Cirillo N, Lo Muzio L. Computational analysis of TP53 mutational landscape unveils key prognostic signatures and distinct pathobiological pathways in head and neck squamous cell cancer. *Br J Cancer.* 2020 Oct;123(8):1302-1314. Doi: 10.1038/s41416-020-0984-6. Epub 2020 Jul 20. PMID: 32684626; PMCID: PMC7553957.

16: Mascitti M, Zhurakivska K, Togni L, Caponio VCA, Almangush A, Balercia P, Balercia A, Rubini C, Lo Muzio L, Santarelli A, Troiano G. Addition of the tumour-stroma ratio to the 8th edition American Joint Committee on Cancer staging system improves survival prediction for patients with oral tongue squamous cell carcinoma. *Histopathology.* 2020 Nov;77(5):810-822. Doi: 10.1111/his.14202. Epub 2020 Sep 12. PMID: 32633006.

17: Dioguardi M, Spirito F, Quarta C, Sovereto D, Basile E, Ballini A, Caloro GA, Troiano G, Lo Muzio L, Mastrangelo F. Guided Dental Implant Surgery: Systematic Review. *J Clin Med.* 2023 Feb 13;12(4):1490. Doi: 10.3390/jcm12041490. PMID: 36836025; PMCID: PMC9967359.

18: Stacchi C, Lamazza L, Rapani A, Troiano G, Messina M, Antonelli A, Giudice A, Lombardi T. Marginal bone changes around platform-switched conical

connection implants placed 1 or 2 mm subcrestally: A multicenter crossover randomized controlled trial. *Clin Implant Dent Relat Res.* 2023 Feb 1. Doi: 10.1111/cid.13186. Epub ahead of print. PMID: 36725016.

19: Dioguardi M, Cantore S, Sovereto D, La Femina L, Spirito F, Caloro GA, Caroprese M, Maci M, Scacco S, Lo Muzio L, Di Cosola M, Troiano G, Ballini A. Does miR-197 Represent a Valid Prognostic Biomarker in Head and Neck Squamous Cell Carcinoma (HNSCC)? A Systematic Review and Trial Sequential Analysis. *J Pers Med.* 2022 Aug 31;12(9):1436. Doi: 10.3390/jpm12091436. PMID: 36143221; PMCID: PMC9501311.

20: Saleh MHA, Tattan M, Troiano G, Dukka H, Ravidà A, Levine R, Wang HL, Miller PD. Periodontal risk score: Initiation and model validation for 6,762 teeth. *J Periodontol.* 2022 Sep 19. Doi: 10.1002/JPER.22-0273. Epub ahead of print. PMID: 36117424.

21: Antonacci D, Caponio VCA, Troiano G, Pompeo MG, Gianfreda F, Canullo L. Facial scanning technologies in the era of digital workflow: A systematic review and network meta-analysis. *J Prosthodont Res.* 2022 Sep 3. Doi: 10.2186/jpr.JPR_D_22_00107. Epub ahead of print. PMID: 36058870.

22: Dioguardi M, Cantore S, Sovereto D, La Femina L, Caloro GA, Spirito F, Scacco S, Di Cosola M, Lo Muzio L, Troiano G, Ballini A. Potential Role of miR-196a and miR-196b as Prognostic Biomarkers of Survival in Head and Neck Squamous Cell Carcinoma: A Systematic Review, Meta-Analysis and Trial Sequential Analysis. *Life (Basel).* 2022 Aug 19;12(8):1269. Doi: 10.3390/life12081269. PMID: 36013448; PMCID: PMC9410063.

23: Lo Russo L, Guida L, Zhurakivska K, Troiano G, Di Gioia C, Ercoli C, Laino L. Three Dimensional Printed Surgical Guides: Effect of Time on Dimensional Stability. *J Prosthodont.* 2022 Jul 28. Doi: 10.1111/jopr.13573. Epub ahead of print. PMID: 35900900.

24: Togni L, Caponio VCA, Zerman N, Troiano G, Zhurakivska K, Lo Muzio L, Balercia A, Mascitti M, Santarelli A. The Emerging Impact of Tumor Budding in Oral Squamous Cell Carcinoma: Main Issues and Clinical Relevance of a New Prognostic Marker. *Cancers (Basel).* 2022 Jul 22;14(15):3571. Doi: 10.3390/cancers14153571. PMID: 35892830; PMCID: PMC9332070.

25: Dioguardi M, Stellacci C, La Femina L, Spirito F, Sovereto D, Laneve E, Manfredonia MF, D'Alessandro A, Ballini A, Cantore S, Lo Muzio L, Troiano G. Comparison of Endodontic Failures between Nonsurgical Retreatment and Endodontic Surgery: Systematic Review and Meta-Analysis with Trial Sequential Analysis. *Medicina (Kaunas).* 2022 Jul 4;58(7):894. Doi: 10.3390/medicina58070894. PMID: 35888613; PMCID: PMC9324533.

26: Mario D, Mario A, Allegra C, Andrea B, Giuseppe T, Milena C, Annalisa M,

- Lorenzo B, Lorenzo LM, Nicola S. The influence of indirect bonded restorations on clinical prognosis of endodontically treated teeth: A systematic review and meta-analysis. *Dent Mater.* 2022 Aug;38(8):e203-e219. Doi: 10.1016/j.dental.2022.06.018. Epub 2022 Jul 12. PMID: 35835608.
- 27: Santonocito S, Giudice A, Polizzi A, Troiano G, Merlo EM, Sclafani R, Grosso G, Isola G. A Cross-Talk between Diet and the Oral Microbiome: Balance of Nutrition on Inflammation and Immune System's Response during Periodontitis. *Nutrients.* 2022 Jun 11;14(12):2426. Doi: 10.3390/nu14122426. PMID: 35745156; PMCID: PMC9227938.
- 28: Lo Russo L, Zhurakivska K, Guida L, Chochlidakis K, Troiano G, Ercoli C. Comparative cost-analysis for removable complete dentures fabricated with conventional, partial, and complete digital workflows. *J Prosthet Dent.* 2022 May 31:S0022-3913(22)00204-9. Doi: 10.1016/j.prosdent.2022.03.023. Epub ahead of print. PMID: 35660258.
- 29: Dioguardi M, Spirito F, Sovereto D, La Femina L, Campobasso A, Cazzolla AP, Di Cosola M, Zhurakivska K, Cantore S, Ballini A, Lo Muzio L, Troiano G. Biological Prognostic Value of miR-155 for Survival Outcome in Head and Neck Squamous Cell Carcinomas: Systematic Review, Meta-Analysis and Trial Sequential Analysis. *Biology (Basel).* 2022 Apr 24;11(5):651. Doi: 10.3390/biology11050651. PMID: 35625379; PMCID: PMC9138061.
- 30: Dioguardi M, Spirito F, Sovereto D, Alovise M, Aiuto R, Garcovich D, Crincoli V, Laino L, Cazzolla AP, Caloro GA, Di Cosola M, Ballini A, Lo Muzio L, Troiano G. The Prognostic Role of miR-31 in Head and Neck Squamous Cell Carcinoma: Systematic Review and Meta-Analysis with Trial Sequential Analysis. *Int J Environ Res Public Health.* 2022 Apr 27;19(9):5334. Doi: 10.3390/ijerph19095334. PMID: 35564727; PMCID: PMC9105938.
- 31: Dioguardi M, Spirito F, Sovereto D, Alovise M, Troiano G, Aiuto R, Garcovich D, Crincoli V, Laino L, Cazzolla AP, Caloro GA, Di Cosola M, Lo Muzio L. MicroRNA-21 Expression as a Prognostic Biomarker in Oral Cancer: Systematic Review and Meta-Analysis. *Int J Environ Res Public Health.* 2022 Mar 14;19(6):3396. Doi: 10.3390/ijerph19063396. PMID: 35329083; PMCID: PMC8948874.
- 32: Mascitti M, Togni L, Caponio VCA, Zhurakivska K, Lo Muzio L, Rubini C, Santarelli A, Troiano G. Prognostic significance of tumor budding thresholds in oral tongue squamous cell carcinoma. *Oral Dis.* 2022 Mar 22. Doi: 10.1111/odi.14193. Epub ahead of print. PMID: 35316866.
- 33: Ravidà A, Arena C, Tattan M, Caponio VCA, Saleh MHA, Wang HL, Troiano G. The role of keratinized mucosa width as a risk factor for peri-implant disease: A systematic review, meta-analysis, and trial sequential analysis. *Clin Implant Dent Relat Res.* 2022 Jun;24(3):287-300. Doi: 10.1111/cid.13080. Epub 2022 Mar

17. PMID: 35298862; PMCID: PMC9311272.

34: Valente NA, Marchio V, Troiano G, Gasparro R, Balice P, Marenzi G, Laino L, Sammartino G, Iezzi G, Barone A. Narrow-diameter versus standard-diameter implants placed in horizontally regenerated bone in the rehabilitation of partially and completely edentulous patients: A systematic review. *Int J Oral Implantol (Berl)*. 2022 Mar 10;15(1):11-33. PMID: 35266665.

35: Dioguardi M, Cantore S, Scacco S, Quarta C, Sovereto D, Spirito F, Alovise M, Troiano G, Aiuto R, Garcovich D, Crincoli V, Laino L, Covelli M, Malcangi A, Lo Muzio L, Ballini A, Di Cosola M. From Bench to Bedside in Precision Medicine: Diabetes Mellitus and Peri-Implantitis Clinical Indices with a Short-Term Follow-Up: A Systematic Review and Meta-Analysis. *J Pers Med*. 2022 Feb 8;12(2):235. Doi: 10.3390/jpm12020235. PMID: 35207724; PMCID: PMC8878354.

36: Arena C, Caponio VCA, Zhurakivska K, Lo Russo L, Lo Muzio L, Troiano G. Added effect of 1% topical alendronate in intra-bony and inter-radicular defects as part of step II periodontal therapy: a systematic review with meta-analysis and trial sequential analysis. *BMC Oral Health*. 2022 Jan 21;22(1):15. Doi: 10.1186/s12903-022-02044-1. PMID: 35062940; PMCID: PMC8780760.

37: Prisco R, Troiano G, Laino L, Zhurakivska K. Rotational tolerances of a titanium abutment in the as-received condition and after screw tightening in a conical implant connection. *J Adv Prosthodont*. 2021 Dec;13(6):343-350. Doi: 10.4047/jap.2021.13.6.343. Epub 2021 Dec 22. PMID: 35003550; PMCID: PMC8712111.

38: Dioguardi M, Arena C, Sovereto D, Aiuto R, Laino L, Illuzzi G, Laneve E, Raddato B, Caponio VCA, Dioguardi A, Zhurakivska K, Troiano G, Lo Muzio L. Influence of sterilization procedures on the physical and mechanical properties of rotating endodontic instruments: a systematic review and network meta-analysis. *Front Biosci (Landmark Ed)*. 2021 Dec 30;26(12):1697-1713. Doi: 10.52586/5062. PMID: 34994183.

39: Lajolo C, Rupe C, Gioco G, Troiano G, Patini R, Petrucci M, Micciche' F, Giuliani M. Osteoradionecrosis of the Jaws Due to Teeth Extractions during and after Radiotherapy: A Systematic Review. *Cancers (Basel)*. 2021 Nov 18;13(22):5798. Doi: 10.3390/cancers13225798. PMID: 34830954; PMCID: PMC8616343.

40: Russo D, Mariani P, Caponio VCA, Lo Russo L, Fiorillo L, Zhurakivska K, Lo Muzio L, Laino L, Troiano G. Development and Validation of Prognostic Models for Oral Squamous Cell Carcinoma: A Systematic Review and Appraisal of the Literature. *Cancers (Basel)*. 2021 Nov 17;13(22):5755. Doi: 10.3390/cancers13225755. PMID: 34830913; PMCID: PMC8616042.

- 41: Mariani P, Russo D, Maisto M, Troiano G, Caponio VCA, Annunziata M, Laino L. Pre-treatment neutrophil-to-lymphocyte ratio is an independent prognostic factor in head and neck squamous cell carcinoma: Meta-analysis and trial sequential analysis. *J Oral Pathol Med.* 2022 Jan;51(1):39-51. Doi: 10.1111/jop.13264. Epub 2021 Dec 9. PMID: 34797592; PMCID: PMC9299721.
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<p>Other training courses and skills acquired</p>	<p>Skills in biomedical statistics and machine learning, knowledge in using of the following tools: SPSS, STATA, R, Orange, Reviewer Manager and Open Meta-analyst.</p> <p>2018 Summer School BIO.TRA.IN. (BIOmarkers, technology TRAnsfer and product Innovation) at the Department of Emergency and Organ Transplantation of the University of Bari.</p> <p>2021 Comulis Training School: “Radiomics and AI in molecular Imaging” – University of Vienna and Institute for Applied Medical Images. 11-13 Ottobre 2021 – Online Course.</p>

