



PERSONAL INFORMATION

Family name: SINJARI First name: BRUNA

ORCID: 0000-0002-4444-3343

Date of birth: 13.10.1984

Nationality: Albanian

web sites: <https://www.scopus.com/authid/detail.uri?authorId=42662330000>

<https://orcid.org/0000-0002-4444-3343>

• EDUCATION

2016-Specialization in Orthodontics, excellent cum laude at “Gabriele d’Annunzio” Chieti-Pescara (Ud’A), Italy

16th April 2013 PhD in Basic and Applied Sciences. Thesis “Eucariotic and procariotic cells interactions with a new implant surface”, grade: excellent at the Department of Medical, Oral and Biotechnological Sciences Ud’A, Italy, Supervisor: Prof. Sergio Caputi

2008-Graduated cum Laude in Dentistry, University of Chieti-Pescara, Chieti, Italy

• CURRENT POSITION(S)

2020 – now Researcher Senior, Department of Innovative Technologies in Medicine and Dentistry, Ud’A, Italy

2019 – now Visiting Professor in Dental Materials, Universiteti i Mjekësive, Tirane, Albania

2013 – now Treasurer and co-founder of UdaOdontoalumni, Vice-President of National Association of Italian Dentists-ANDI Abruzzo Region, Italy

2013-now Treasurer ANDI – Chieti, Italy

• PREVIOUS POSITIONS

2018 – 2020 Researcher Junior, Department of Medical, Oral and Biotechnological Sciences, Ud’A, Italy

2013 -2018 Research Fellow, Department of Medical, Oral and Biotechnological Sciences Ud’A, Italy

2008-2009- Fellow, Department of Oral Sciences and Nanotechnologies, Ud’A, Chieti, Italy

• FELLOWSHIPS AND AWARDS

2008-Best graduated student in dentistry award -Banca Popolare di Lanciano e Sulmona, Chieti, Italy

2009-Certificate of merit for the poster presented at the National Congress of Dentistry, Rome, Italy.

2010-Scholarship, Abruzzo regional grant for research and advanced training in scientific and technical disciplines "RE. COTE.SS.C ", at Université de Montréal, Quebec, Canada

2013-Honorable poster mention at the National Congress of professors in Dentistry, Rome, Italy

2017-Top 10 Oral presentation at the Annual congress of the European Academy of Osseointegration, Madrid, Spain

2021-Top 100 Young scientist “Palladini italiani della salute”- RD Editore, Campidoglio, Rome, Italy

• SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

2018 – now 3 Postdocs (1 Italian and 2 Russian/ 5 PhD Italian/ 3 Master Italian Students, Department of Innovative Technologies in Medicine and Dentistry, Ud’A, Chieti, Italy

2018-now- 5 undergraduate Indian students, 6 undergraduate Albanian students, Department of Medical, Oral and Biotechnological Sciences Ud’A, Chieti, Italy

• TEACHING ACTIVITIES (if applicable)

2018 –now Professor– Dental Materials, Dental School, “G.d’Annunzio” Chieti-Pescara, Italy.

2016 – 2018 Visiting Professor in Prosthodontics, Aldent University, Tirana, Albania.

2019-now Visiting Professor in Dental Materials, Universiteti i Mjekësisë, Tirane, Albania
2019-now Professor in Oral Disease- Degree Course in Speech Therapy – Ud'A, Chieti, Italy
2018-now Professor of Odontostomatological disease- Pedodontics Matser School, Ud'A, Italy

• **ORGANISATION OF SCIENTIFIC MEETINGS (if applicable)**

2021- 4th Albanian Dentistry Congress and, 19-21 November, Tirana, Albania
2021- International Conference of Medical Sciences, Aldent University, Tirana, Albania
2019- April 19th organizer of the scientific meeting “Research in Ud'A and UNLV” between the two universities “G.d'Annunzio” University of Chieti-Pescara, Italy and the University of Nevada, Las Vegas, USA
2019-Member of the scientific committee of “28° Congresso Nazionale di Odontologia Forense” - Chieti, December 13-14th

• **INSTITUTIONAL RESPONSIBILITIES (if applicable)**

2021-now External Evaluator for the Agence Nationale de la Recherche- France
2020-External Expert Evaluator of the Quality Assurance Agency in Higher Education-Albania
2021-now Member of the Work Group on the National Resilience and Resistance Plan at the Ud'A, Chieti, Italy
2020-now Member of the Phd teaching staff course in Science and Technologies in Sustainable Development, Ud'A, Chieti, Italy
2017-2020 Delegate of the Department of Medical, Oral and Biotechnological Sciences to coordinate research and didactic activities with the St. Joseph Dental College of ELURU, India and Saint Petersburg Institute of Bioregulation and Gerontology, Saint Petersburg, Russia.
2018–now Referent of the "G.d'Annunzio" University for the Network of Universities for Sustainable Development-(RUS), Italy
2018–now Coordinator at Ud'A of the Group FOOD Within the Network of Universities for Sustainable Development-Chieti, Italy

• **REVIEWING ACTIVITIES**

2021 –now Guest Editor for: Materials Journal; Symmetry; BioMed Research International
2021 –now Associate editor Journal of Translational Medicine-Section
2018–now Reviewer asked for: Journal of Clinical Medicine, Materials, Nanomaterials, Coatings, Viruses, Diagnostic, Applied Sciences, Dentistry, International Journal of Molecular Sciences, Polymers, Biology, Molecules, Gels, International Journal of Environmental Research and Public Health, Methods and Protocols
2017–now Editorial board member of different impacted International Journals

• **SPEAKER IN NATIONAL AND INTERNATIONAL CONGRESSES**

30 January 2 February 2020- Invited speaker on” Short peptides protect oral stem cells from ageing” at the International symposium of experts, Dubai, United Emirates.

23-24 May 2019- Invited speaker on “Short Peptides and Neuronal Differentiation: an Interesting Correlation” at the IAGG-ER (International Association of Gerontology and Geriatrics for the European Region “Towards Capability in Ageing – from cell to society”, Gothenburg, Sweden.

15 November 2019- Session Chairman at the 3rd Congress of Albanian Dentistry, Tirana, Albania

16 November 2019-Workshop: “Hands on Basic Implantology and prosthetics” at the Dental Clinic at the Universiteti i Mjekësisë, Tirana Albania.

18 March 2019- Lecture on “The treatment plan in Prosthodontics” organized by the Dental Student Association (AISO) and given to the students from Zagreb, Ljubljana and Poland, Chieti, Italy

18-19 January 2019-Invited speaker on “Short peptides increase nestin expression in human periodontal ligament stem cells” International Symposium of Experts, Stockholm, Sweden.

11-13 October 2018- Speaker on the” Chlorhexidine gel versus placebo on peri-implant inflammation: A randomized double blinde placebo control study” at the Annual congress of the European Academy of Osseointegration, Vienna, Austria

27th May 2017-Invietd speaker on “Small peptides up-regulate growth and neuronal differentiation in human Periodontal Ligament Stem Cells” International Symposium, Geneve, Switzerland.

8-10 September 2016- Invited speaker on: “Regenerative medicine in dentistry: new Frontlines”, Vth European Congress of preventive, regenerative and anti-aging medicine, Saint Petersburg, Russia.

8-10 September 2016-Session Chairman with Dr. Deby Vinsky (Indonesia) on: Fundamental and clinical aspects of anti-aging medicine at the Vth European Congress of preventive, regenerative and anti-aging medicine, Saint Petersburg, Russia.

11th June 2016- Invited Speaker on “Implant’s Surface and its importance” Giornata ANDI-Geass, San Benedetto del Tronto, Italy

17 February 2016- Invited Speaker on “Ud’A Research findings” at the University of Nevada, Las Vegas, Nevada, USA

28 January 2015- Invited speaker on “The future of bone regeneration”, Scientific Dental Meeting between the Università degli Studi “G.d’Annunzio” Chieti-Pescara and Aldent University, Tirana. Honored presenter

13 December 2014-Invited speaker on the “Bacterial adhesion on the implant surfaces” at the Oral Surgery and Dental Implant Discussions Day, Sala Petrucci, Pescara, Italy.

3rd October 2015- Lecture on “The role of the occlusion” at the Dinning School, Casacanditella, Chieti, Italy

15 Novembre 2014-Invited speaker on “Biomaterials on bone regeneration: from the tissue engineering to the synchrotron analysis” at the VI Symposium of the Accademy of Implantology, Chieri, Turin, Italy.

20-21 September 2013- Invited speaker: “Biomaterials in bone regeneration” at Moscow State University of Medicine and Dentistry. Moscow, Russia, 2013

13th May 2011-Invited speaker on “The Cad/Cam technology on the implant supported prostheses” at the Memorial Luca De Luca, Università degli Studi “G.d’Annunzio” Chieti-Pescara, Chieti, Italy.

- **MEMBERSHIPS OF SCIENTIFIC SOCIETIES**

2013-now Co-founder and treasurer of UdaOdontoalumni No profit Association, Chieti, Italy

2011-now Member of the Italian Society of Microscopic Sciences

2010 – now Ordinary Member of the National Association of Italian Dentists and other scientific societies

- **MAJOR COLLABORATIONS**

Prof. Vladimir Khavinson: Peptides, President of the European region of the International Association of Gerontology and Geriatrics; Member of the Russian and Ukrainian Academies of Medical Sciences; Main gerontologist of the Health Committee of the Government of Saint Petersburg, Russia; Director of the Saint Petersburg Institute of Bioregulation and Gerontology; Vice-president of Gerontological Society of the Russian Academy of Sciences; RUSSIA; Prof. Antonio Nanci: regeneration, Director of the Department of Stomatology, Calcified Tissue and Biomaterials Lab. Université de Montréal, CANADA; Dr. Giorgio De Vincenzo: Bone regeneration, Director of Periodontology and Implant Surgery at New York-Presbyterian Brooklyn Methodist Hospital, Director of Periodontology at Staten Island University Hospital, Assistant Clinical Professor at New York University, College of Dentistry, USA; Prof. Helder Almeida Santos: membrane and biomaterials, Associate Professor in Pharmaceutical and Nanotechnology, Division of Pharmaceutical Technology, Faculty of Pharmacy, University of Helsinki, Finland.

82 Publications in high impact peer-reviewed international journals where **35 papers without PhD supervisor Prof. Sergio Caputi** Total I.F.: **256,469**; Mean I.F.: **3,27**; Total Citation: **862**; Mean Citation: **10,51** **Corresponding authors: in 23 publications h-index: 19**

Publications list

Multiple Free Flap Reconstruction of a Complex Intraoral Defect after Squamous Cell Carcinoma Excision: A Case Report.

Santilli M, D'Addazio G, Rexhepi I, **Sinjari B**, Filippini A. *Medicina (Kaunas)*. 2021 Dec 30;58(1):54. doi: 10.3390/medicina58010054.

The added benefit of L-PRF to autogenous bone grafts in the treatment of degree II furcation involvement in mandibular molars.

Serroni M, Paolantonio M, Romano L, Santamaria P, Rexhepi I, **Sinjari B**, Paolantonio G, Secondi L, De Ninis P, Femminella B. *J Periodontol*. 2021 Dec 15. doi: 10.1002/JPER.21-0369. Online ahead of print.

Efficacy of inorganic bovine bone combined with leukocyte and platelet-rich fibrin or collagen membranes for treating unfavorable periodontal infrabony defects: Randomized non-inferiority trial. Rexhepi I, Paolantonio M, Romano L, Serroni M, Santamaria P, Secondi L, Paolantonio G, **Sinjari B**, De Ninis P, Femminella B. *J Periodontol*. 2021 Nov;92(11):1576-1587. doi: 10.1002/JPER.20-0305. Epub 2021 Feb 25.

BNT162b2 mRNA Vaccination Leads to Long-Term Protection from COVID-19 Disease.

Rossi C, Lanuti P, Cicalini I, De Bellis D, Pierdomenico L, Del Boccio P, Zucchelli M, Natale L, **Sinjari B**, Catitti G, Vespa S, Simeone P, Bologna G, Bucci I, Falasca K, Vecchiet J, Stuppia L, De Laurenzi V, Pieragostino D. *Vaccines (Basel)*. 2021 Oct 12;9(10):1164. doi: 10.3390/vaccines9101164.

Transcriptomic analysis revealed increased expression of genes involved in keratinization in the tears of COVID-19 patients.

Mastropasqua L, Toto L, Chiricosta L, Diomede F, Gugliandolo A, Silvestro S, Marconi GD, **Sinjari B**, Vecchiet J, Cipollone F, D'Ardes D, Auricchio A, Lanzini M, Caputi S, D'Aloisio R, Mazzon E, Trubiani O. *Sci Rep*. 2021 Oct 6;11(1):19817. doi: 10.1038/s41598-021-99344-3.

Prevalence of Obstructive Sleep Apnea Syndrome: A Single-Center Retrospective Study.

Santilli M, Manciocchi E, D'Addazio G, Di Maria E, D'Attilio M, Femminella B, **Sinjari B**. *Int J Environ Res Public Health*. 2021 Sep 29;18(19):10277. doi: 10.3390/ijerph181910277.

Water-Airborne-Particle Abrasion as a Pre-Treatment to Improve Bioadhesion and Bond Strength of Glass-Ceramic Restorations: From In Vitro Study to 15-Year Survival Rate.

Mavriqi L, Valente F, **Sinjari B**, Trubiani O, Caputi S, Traini T. *Materials (Basel)*. 2021 Aug 31;14(17):4966. doi: 10.3390/ma14174966.

Metabolic Changes in SARS-CoV-2 Infection: Clinical Data and Molecular Hypothesis to Explain Alterations of Lipid Profile and Thyroid Function Observed in COVID-19 Patients.

D'Ardes D, Rossi I, Bucciarelli B, Allegra M, Bianco F, **Sinjari B**, Marchioni M, Di Nicola M, Santilli F, Guagnano MT, Cipollone F, Bucci M. *Life (Basel)*. 2021 Aug 22;11(8):860. doi: 10.3390/life11080860.

Picture of the Favourable Immune Profile Induced by Anti-SARS-CoV-2 Vaccination.

Lanuti P, Rossi C, Cicalini I, Pierdomenico L, Damiani V, Semeraro D, Verrocchio S, Del Boccio P, Evangelista A, Sarra A, Zucchelli M, Bologna G, Simeone P, Catitti G, Di Marco F, Stefanetti S,

Vespa S, **Sinjari B**, Bucci I, De Laurenzi V, Di Battista T, Stuppia L, Pieragostino D. *Biomedicines*. 2021 Aug 18;9(8):1035. doi: 10.3390/biomedicines9081035.

Collagen Fibres Orientation in the Bone Matrix around Dental Implants: Does the Implant's Thread Design Play a Role?

Valente F, Scarano A, Murmura G, Varvara G, **Sinjari B**, Mandelli F, Piattelli M, Caputi S, Traini T. *Int J Mol Sci*. 2021 Jul 23;22(15):7860. doi: 10.3390/ijms22157860.

Effects of Natural Ventilation and Saliva Standard Ejectors during the COVID-19 Pandemic: A Quantitative Analysis of Aerosol Produced during Dental Procedures.

Rexhepi I, Mangifesta R, Santilli M, Guri S, Di Carlo P, D'Addazio G, Caputi S, **Sinjari B**. *Int J Environ Res Public Health*. 2021 Jul 13;18(14):7472. doi: 10.3390/ijerph18147472.

Obstructive Sleep Apnea and Periodontal Disease: A Systematic Review.

Lembo D, Caroccia F, Lopes C, Moscagiuri F, **Sinjari B**, D'Attilio M. *Medicina (Kaunas)*. 2021 Jun 21;57(6):640. doi: 10.3390/medicina57060640.

What Happens at a Dental Surgery When the Patient is a Child with Autism Spectrum Disorder? An Italian Study.

Logrieco MGM, Ciuffreda GN, **Sinjari B**, Spinelli M, Rossi R, D'Addazio G, Lionetti F, Caputi S, Fasolo M. *J Autism Dev Disord*. 2021 Jun;51(6):1939-1952. doi: 10.1007/s10803-020-04684-0.

Assessment of the Vanillin Anti-Inflammatory and Regenerative Potentials in Inflamed Primary Human Gingival Fibroblast.

Costantini E, **Sinjari B**, Falasca K, Reale M, Caputi S, Jagarlapodii S, Murmura G. *Mediators Inflamm*. 2021 May 4;2021:5562340. doi: 10.1155/2021/5562340. eCollection 2021.

Dental Education Challenges during the COVID-19 Pandemic Period in Italy: Undergraduate Student Feedback, Future Perspectives, and the Needs of Teaching Strategies for Professional Development.

Varvara G, Bernardi S, Bianchi S, **Sinjari B**, Piattelli M. *Healthcare (Basel)*. 2021 Apr 12;9(4):454. doi: 10.3390/healthcare9040454.

Mechanical Pull-Out Test of a New Hybrid Fixture-Abutment Connection: An In Vitro Study.

D'Addazio G, **Sinjari B**, Arcuri L, Femminella B, Murmura G, Santilli M, Caputi S. *Materials (Basel)*. 2021 Mar 22;14(6):1555. doi: 10.3390/ma14061555.

Evaluation and efficiency of curcumin against periodontal bacteria: an *in vitro* study.

Pulcini R, Avolio F, **Sinjari B**, Robuffo I, Flati V, Pignatelli L, Martinotti S, Toniato E. *J Biol Regul Homeost Agents*. 2021 Mar-Apr;35(2):725-728. doi: 10.23812/20-556-L.

Normal breathing releases SARS-CoV-2 into the air.

Di Carlo P, Falasca K, Ucciferri C, **Sinjari B**, Aruffo E, Antonucci I, Di Serafino A, Pompilio A, Damiani V, Mandatori D, De Fabritiis S, Dufrusine B, Capone E, Chiacchiarretta P, Brune WH, Di Bonaventura G, Vecchiet J. *J Med Microbiol*. 2021 Mar;70(3):001328. doi: 10.1099/jmm.0.001328. Epub 2021 Feb 25.

Access to Dental Care-A Survey from Dentists, People with Disabilities and Caregivers.

D'Addazio G, Santilli M, **Sinjari B**, Xhajanka E, Rexhepi I, Mangifesta R, Caputi S. *Int J Environ Res Public Health*. 2021 Feb 6;18(4):1556. doi: 10.3390/ijerph18041556.

Comparative surface detail reproduction for elastomeric impression materials: Study on reproducibility performance.

Varvara G, **Sinjari B**, Bernardi S, Turkyilmaz I, Malvezzi V, Piattelli M, Caputi S. *J Biol Regul Homeost Agents*. 2021 Jan-Feb;35(1):161-169. doi: 10.23812/20-561-A.

Air and surface measurements of SARS-CoV-2 inside a bus during normal operation.

Di Carlo P, Chiacchiaretta P, **Sinjari B**, Aruffo E, Stuppia L, De Laurenzi V, Di Tomo P, Pelusi L, Potenza F, Veronese A, Vecchiet J, Falasca K, Ucciferri C. *PLoS One*. 2020 Nov 5;15(11):e0235943. doi: 10.1371/journal.pone.0235943. eCollection 2020.

SARS-CoV-2 and Oral Manifestation: An Observational, Human Study.

Sinjari B, D'Ardes D, Santilli M, Rexhepi I, D'Addazio G, Di Carlo P, Chiacchiaretta P, Caputi S, Cipollone F. *J Clin Med*. 2020 Oct 7;9(10):3218. doi: 10.3390/jcm9103218.

Gingival Response to Dental Implant: Comparison Study on the Effects of New Nanopored Laser-Treated vs. Traditional Healing Abutments.

Ghinassi B, Di Baldassarre A, D'Addazio G, Traini T, Andrisani M, Di Vincenzo G, Gaggi G, Piattelli M, Caputi S, **Sinjari B**. *Int J Mol Sci*. 2020 Aug 22;21(17):6056. doi: 10.3390/ijms21176056.

The Impact of COVID-19 Related Lockdown on Dental Practice in Central Italy-Outcomes of A Survey.

Sinjari B, Rexhepi I, Santilli M, D'Addazio G, Chiacchiaretta P, Di Carlo P, Caputi S. *Int J Environ Res Public Health*. 2020 Aug 10;17(16):5780. doi: 10.3390/ijerph17165780.

Artificial Saliva in Diabetic Xerostomia (ASDIX): Double Blind Trial of Aldiamed® Versus Placebo.

Sinjari B, Feragalli B, Cornelli U, Belcaro G, Vitacolonna E, Santilli M, Rexhepi I, D'Addazio G, Zuccari F, Caputi S. *J Clin Med*. 2020 Jul 11;9(7):2196. doi: 10.3390/jcm9072196.

Influence of Dentine Pre-Treatment by Sandblasting with Aluminum Oxide in Adhesive Restorations. An In Vitro Study.

Sinjari B, Santilli M, D'Addazio G, Rexhepi I, Gigante A, Caputi S, Traini T. *Materials (Basel)*. 2020 Jul 7;13(13):3026. doi: 10.3390/ma13133026.

A 4 Year Human, Randomized, Radiographic Study of Scalloped versus Non-Scalloped Cemented Implants.

Sinjari B, D'Addazio G, Santilli M, D'Avanzo B, Rexhepi I, Scarano A, Traini T, Piattelli M, Caputi S. *Materials (Basel)*. 2020 May 10;13(9):2190. doi: 10.3390/ma13092190.

Fracture Resistance of Zirconia-Reinforced Lithium Silicate Ceramic Crowns Cemented with Conventional or Adhesive Systems: An In Vitro Study.

D'Addazio G, Santilli M, Rollo ML, Cardelli P, Rexhepi I, Murmura G, Al-Haj Husain N, **Sinjari B**, Traini T, Özcan M, Caputi S. *Materials (Basel)*. 2020 Apr 25;13(9):2012. doi: 10.3390/ma13092012.

Evaluation of Salivary Cytokines and Vitamin D Levels in Periodontopathic Patients.

Costantini E, **Sinjari B**, Piscopo F, Porreca A, Reale M, Caputi S, Murmura G. *Int J Mol Sci*. 2020 Apr 11;21(8):2669. doi: 10.3390/ijms21082669.

Immunohistochemical Results of Soft tissues Around a New Implant Healing-Abutment Surface: A Human Study.

Ghinassi B, D'Addazio G, Di Baldassarre A, Femminella B, Di Vincenzo G, Piattelli M, Gaggi G, **Sinjari B**. *J Clin Med*. 2020 Apr 2;9(4):1009. doi: 10.3390/jcm9041009.

Penetration of Different Impression Materials into Exposed Dentinal Tubules during the Impression Procedure.

Sinjari B, D'Addazio G, Xhajanka E, Caputi S, Varvara G, Traini T. *Materials (Basel)*. 2020 Mar 14;13(6):1321. doi: 10.3390/ma13061321.

Short Peptides Protect Oral Stem Cells from Ageing.

Sinjari B, Diomede F, Khavinson V, Mironova E, Linkova N, Trofimova S, Trubiani O, Caputi S. *Stem Cell Rev Rep*. 2020 Feb;16(1):159-166. doi: 10.1007/s12015-019-09921-3.

The Relationship Between Time of Retightening and Preload Loss of Abutment Screws for Two Different Implant Designs: An In Vitro Study.

Varvara G, **Sinjari B**, Caputi S, Scarano A, Piattelli M. *J Oral Implantol*. 2020 Feb 1;46(1):13-17. doi: 10.1563/aaid-joi-D-18-00138.

AEDG Peptide (Epitalon) Stimulates Gene Expression and Protein Synthesis during Neurogenesis: Possible Epigenetic Mechanism.

Khavinson V, Diomede F, Mironova E, Linkova N, Trofimova S, Trubiani O, Caputi S, **Sinjari B**. *Molecules*. 2020 Jan 30;25(3):609. doi: 10.3390/molecules25030609.

Porphyromonas Gingivalis Load is Balanced by 0.20% Chlorhexidine Gel. A Randomized, Double-Blind, Controlled, Microbiological and Immunohistochemical Human Study.

D'Ercole S, D'Addazio G, Di Lodovico S, Traini T, Di Giulio M, **Sinjari B**. *J Clin Med*. 2020 Jan 20;9(1):284. doi: 10.3390/jcm9010284.

Avoidance of Interaction between Impression Materials and Tooth Surface Treated for Immediate Dentin Sealing: An In Vitro Study.

Sinjari B, D'Addazio G, Murmura G, Di Vincenzo G, Semenza M, Caputi S, Traini T. *Materials (Basel)*. 2019 Oct 22;12(20):3454. doi: 10.3390/ma12203454.

SEM analysis of enamel abrasion after air polishing treatment with erythritol, glycine and sodium bicarbonate.

Sinjari, B., D'Addazio, G., Bozzi, M., Santilli M, Traini T, .Murmura, G., Caputi, S. *Coatings*, 2019, 9(9), 549

Curcumin/Liposome Nanotechnology as Delivery Platform for Anti-inflammatory Activities via NFkB/ERK/pERK Pathway in Human Dental Pulp Treated With 2-HydroxyEthyl MethAcrylate (HEMA).

Sinjari B, Pizzicannella J, D'Aurora M, Zappacosta R, Gatta V, Fontana A, Trubiani O, Diomede F. *Front Physiol*. 2019 Jun 11;10:633. doi: 10.3389/fphys.2019.00633. eCollection 2019.

A 10-year retrospective comparative human study on screw-retained versus cemented dental implant abutments.

Sinjari B, D'Addazio G, Traini T, Varvara G, Scarano A, Murmura G, Caputi S. *J Biol Regul Homeost Agents*. 2019 May-Jun;33(3):787-797.

Human Gingival Fibroblasts Exposed to Extremely Low-Frequency Electromagnetic Fields: In Vitro Model of Wound-Healing Improvement.

Costantini E, **Sinjari B**, D'Angelo C, Murmura G, Reale M, Caputi S. *Int J Mol Sci.* 2019 Apr 29;20(9):2108. doi: 10.3390/ijms20092108.

Effect of short peptides on neuronal differentiation of stem cells.

Caputi S, Trubiani O, **Sinjari B**, Trofimova S, Diomede F, Linkova N, Diatlova A, Khavinson V. *Int J Immunopathol Pharmacol.* 2019 Jan-Dec;33:2058738419828613. doi:10.1177/2058738419828613.

Comparison of a Novel Ultrasonic Scaler Tip vs. Conventional Design on a Titanium Surface.

Sinjari B, D'Addazio G, Bozzi M, Celletti R, Traini T, Mavriqi L, Caputi S. *Materials (Basel).* 2018 Nov 22;11(12):2345. doi: 10.3390/ma11122345.

Intense, Instantaneous, and Shooting Pain During Local Anesthesia for Implant Surgery.

Scarano A, **Sinjari B**, Lorusso F, Mortellaro C, D'Ovidio C, Carinci F. *J Craniofac Surg.* 2018 Nov;29(8):2287-2290. doi: 10.1097/SCS.0000000000004575.

Evaluation of Fibrin Clot Attachment on Titanium Laser-Conditioned Surface Using Scanning Electron Microscopy.

Sinjari B, Traini T, Caputi S, Mortellaro C, Scarano A. *J Craniofac Surg.* 2018 Nov;29(8):2277-2281. doi: 10.1097/SCS.0000000000004519.

Peri-Implant Bone Resorption during Healing Abutment Placement: The Effect of a 0.20% Chlorhexidine Gel vs. Placebo-A Randomized Double Blind Controlled Human Study.

Sinjari B, D'Addazio G, De Tullio I, Traini T, Caputi S. *Biomed Res Int.* 2018 Oct 16;2018:5326340. doi: 10.1155/2018/5326340. eCollection 2018.

Immunohistochemical study of osteopontin in oral squamous cell carcinoma allied to fractal dimension.

D'Addazio G, Artese L, Traini T, Rubini C, Caputi S, **Sinjari B**. *J Biol Regul Homeost Agents.* 2018 Jul-Aug;32(4):1033-1038.

The surface anodization of titanium dental implants improves blood clot formation followed by osseointegration.

Traini, T., Murmura, G., **Sinjari, B.**, Perfetti G, Scarano A, D'Arcangelo, C., Caputi, S. *Coatings*, 2018, 8(7), 252

Multimodal-3D imaging based on μ MRI and μ CT techniques bridges the gap with histology in visualization of the bone regeneration process.

Sinibaldi R, Conti A, **Sinjari B**, Spadone S, Pecci R, Palombo M, Komlev VS, Ortore MG, Tromba G, Capuani S, Guidotti R, De Luca F, Caputi S, Traini T, Della Penna S. *J Tissue Eng Regen Med.* 2018 Mar;12(3):750-761. doi: 10.1002/term.2494. Epub 2017 Oct 2.

Instant loading with intraoral welding technique and PRAMA implants: a new prosthetic approach.

Celletti R, Fanali S, Laici CU, Santori C, Pignatelli P, **Sinjari B**. *J Biol Regul Homeost Agents.* 2017 Oct-Dec;31(4):1127-1131.

Anti-inflammatory steroid use in impacted third molar surgery: a systematic review.

Varvara G, Bernardi S, Cutilli T, Bianchi S, **Sinjari B**, Piattelli M.J Biol Regul Homeost Agents. 2017 Oct-Dec;31(4):1095-1099.

Neurosensory Disturbance of the Inferior Alveolar Nerve After 3025 Implant Placements.
Scarano A, **Sinjari B**, Murmura G, Lorusso F. *Implant Dent*. 2017 Oct;26(5):735-743. doi: 10.1097/ID.0000000000000651.

Sinus Augmentation with Biomimetic Nanostructured Matrix: Tomographic, Radiological, Histological and Histomorphometrical Results after 6 Months in Humans.
Scarano A, Lorusso F, Staiti G, **Sinjari B**, Tampieri A, Mortellaro C. *Front Physiol*. 2017 Aug 3;8:565. doi: 10.3389/fphys.2017.00565. eCollection 2017.

Impact of Second Stage Surgery on Bone Remodeling Around New Hybrid Titanium Implants: A Prospective Clinical Study in Humans.
Traini T, Berardini M, Congedi F, **Sinjari B**, Trisi P, Caputi S. *Implant Dent*. 2017 Feb;26(1):121-128. doi: 10.1097/ID.0000000000000525.

Reliability Analysis of Lithium Disilicate Crowns: Effect of Veneering and Milling Production Workflow.
Cardelli P, Serafini N, **Sinjari B**, Murmura G, Özcan M. *J Prosthodont*. 2016 Dec;25(8):623-628. doi: 10.1111/jopr.12478. Epub 2016 Apr 1.

Comparative molecular analysis of bacterial species associated with periodontal disease.
De Iuliis V, Ursi S, Di Tommaso LM, Caruso M, Marino A, D'Ercole S, Caputi S, **Sinjari B**, Festa F, Macri M, Martinotti S, Vitullo G, Toniato E. *J Biol Regul Homeost Agents*. 2016 Oct-Dec;30(4):1209-1215.

The zirconia-reinforced lithium silicate ceramic: lights and shadows of a new material.
Traini T, **Sinjari B**, Pascetta R, Serafini N, Perfetti G, Trisi P, Caputi S. *Dent Mater J*. 2016 Oct 1;35(5):748-755. doi: 10.4012/dmj.2016-041. Epub 2016 Aug 20.

The Effects of High Insertion Torque Versus Low Insertion Torque on Marginal Bone Resorption and Implant Failure Rates: A Systematic Review With Meta-Analyses.
Berardini M, Trisi P, **Sinjari B**, Rutjes AW, Caputi S. *Implant Dent*. 2016 Aug;25(4):532-40. doi: 10.1097/ID.0000000000000422.

Porphyromonas gingivalis biofilm formation in different titanium surfaces, an in vitro study.
Di Giulio M, Traini T, **Sinjari B**, Nostro A, Caputi S, Cellini L. *Clin Oral Implants Res*. 2016 Jul;27(7):918-25. doi: 10.1111/clr.12659. Epub 2015 Aug 6.

Mandibular third molar displaced in the sublingual space: clinical management and medicolegal considerations.
Varvara G, Murmura G, Cardelli P, De Angelis D, Caputi S, **Sinjari B**, Piattelli M. *J Biol Regul Homeost Agents*. 2016 Apr-Jun;30(2):609-13.

Clinical Comparison of Platelet-Rich Fibrin and a Gelatin Sponge in the Management of Palatal Wounds After Epithelialized Free Gingival Graft Harvest: A Randomized Clinical Trial.
Femminella B, Iaconi MC, Di Tullio M, Romano L, **Sinjari B**, D'Arcangelo C, De Ninis P, Paolantonio M. *J Periodontol*. 2016 Feb;87(2):103-13. doi: 10.1902/jop.2015.150198. Epub 2015 Aug 27.

Bone Behavior in Relation to the Depth of the Line of Marginal Cementation of Prostheses on Morse Cone Implants: Radiographic Evaluation in a Dog Model.

Stancari FH, Rehder de Araujo MA, Rodrigues Conti PC, Araujo Cdos R, **Sinjari B**, Iezzi G, Perrotti V. *Implant Dent.* 2015 Dec;24(6):720-5. doi: 10.1097/ID.0000000000000326.

Bone formation in sinus augmentation procedures using autologous bone, porcine bone, and a 50 : 50 mixture: a human clinical and histological evaluation at 2 months.

Cassetta M, Perrotti V, Calasso S, Piattelli A, **Sinjari B**, Iezzi G. *Clin Oral Implants Res.* 2015 Oct;26(10):1180-4. doi: 10.1111/clr.12423. Epub 2014 May 26.

A Human Clinical, Histological, Histomorphometrical, and Radiographical Study on Biphasic HA-Beta-TCP 30/70 in Maxillary Sinus Augmentation.

Mangano C, **Sinjari B**, Shibli JA, Mangano F, Hamisch S, Piattelli A, Perrotti V, Iezzi G. *Clin Implant Dent Relat Res.* 2015 Jun;17(3):610-8. doi: 10.1111/cid.12145. Epub 2013 Sep 4.

Evaluation of defects in surface detail for monophasic, 2-phase, and 3-phase impression techniques: an in vitro study.

Varvara G, Murmura G, **Sinjari B**, Cardelli P, Caputi S. *J Prosthet Dent.* 2015 Feb;113(2):108-13. doi: 10.1016/j.prosdent.2014.08.007. Epub 2014 Oct 28.

A cytotoxic analysis of a sardinian plant extract cream on human oral primary cell cultures: an in vitro study.

Sinjari B, Diomede F, Murmura G, Traini T, Merciaro I, Trubiani O, Caputi S. *J Biol Regul Homeost Agents.* 2015 Jan-Mar;29(1):103-13.

Hemostasis control in dental extractions in patients receiving oral anticoagulant therapy: an approach with calcium sulfate.

Scarano A, **Sinjari B**, Murmura G, Mijiritsky E, Iaculli F, Mortellaro C, Tetè S. *J Craniofac Surg.* 2014 May;25(3):843-6. doi: 10.1097/SCS.0000000000000824.

Immediate denture fabrication: a clinical report.

Caputi S, Murmura G, Ricci L, Varvara G, **Sinjari B**. *Ann Stomatol (Roma).* 2014 Feb 4;4(3-4):273-7. eCollection 2013 Jul-Dec.

Surfactant hydrogels for the dispersion of carbon-nanotube-based catalysts.

Di Crescenzo A, Bardini L, **Sinjari B**, Traini T, Marinelli L, Carraro M, Germani R, Di Profio P, Caputi S, Di Stefano A, Bonchio M, Paolucci F, Fontana A. *Chemistry.* 2013 Nov 25;19(48):16415-23. doi: 10.1002/chem.201302704. Epub 2013 Oct 21.

Effect of nanoscale topography of titanium implants on bone vessel network, osteocytes, and mineral densities.

Traini T, Murmura G, Piattelli M, Scarano A, Pettinicchio M, **Sinjari B**, Caputi S. *J Periodontol.* 2013 Oct;84(10):e40-7. doi: 10.1902/jop.2013.120627. Epub 2013 Mar 21.

Histomorphometry of 2 immediately loaded mini implants retrieved from human mandible after 3 months: A light and scanning electron microscopy report

Di Iorio, D., **Sinjari B**, Cupaiolo, R., Caputi, S., Murmura, G. *Journal of Oral Implantology*, 2013, 39(SPL.ISSUE1), pp. 280–286

Use of Oral Chroma™ in the assessment of volatile sulfur compounds in patients with fixed protheses. **Sinjari B**, Murmura G, Caputi S, Ricci L, Varvara G, Scarano A. *Int J Immunopathol Pharmacol*. 2013 Jul-Sep;26(3):691-7. doi: 10.1177/039463201302600312.

In vitro analysis of resistance to cyclic load and preload distribution of two implant/abutment screwed connections.

Murmura G, Di Iorio D, Cicchetti AR, **Sinjari B**, Caputi S. *J Oral Implantol*. 2013 Jun;39(3):293-301. doi: 10.1563/AAID-JOI-D-10-00144. Epub 2011 Jan 13.

Copper-zinc superoxide dismutase activity in dental pulp after dental preparation.

Varvara G, Pinchi V, Caputi S, D'Arcangelo C, Scarano A, Sinjari B, Murmura G. *J Biol Regul Homeost Agents*. 2012 Oct-Dec;26(4):769-73.

Two-step impression/ injection, an alternative putty/ wash impression technique: case report. Caputi, S., Murmura, G., **Sinjari, B.**, Varvara, G. *Journal of biological regulators and homeostatic agents*, 2012, 26(2), pp. 73–76

Surface analysis of failed oral titanium implants after irradiated with ErCR:YSGG 2780 laser. Scarano, A., **Sinjari, B.**, Diiorio, D., Murmura G., Carinci, F., Lauritano, D. *European Journal of Inflammation*, 2012, 10(1), pp. 49–54

Influence of titanium laser surface geometry on proliferation and on morphological features of human mandibular primary osteoblasts. **Sinjari, B.**, Guarnieri, S., Diomede, F., .Caputi, S., Trubiani, O. *Journal of Biological Regulators and Homeostatic Agents*, 2012, 26(3), pp. 505–513

Comparison of the primary stabilities of conical and cylindrical endosseous dental implants: An in-vitro study. Aleo, E., Varvara, G., Scarano, A., **Sinjari, B.**, Murmura, G. *Journal of Biological Regulators and Homeostatic Agents*, 2012, 26(1), pp. 89–96

Analysis and structural examination of screw loosening in oral implants. Scarano, A., Murmura, G., **Sinjari, B.**, Spinelli, G., Carinci, F. *International Journal of Immunopathology and Pharmacology*, 2011, 24, pp. 77–81

Expansion of the alveolar bone crest with ultrasonic surgery device: Clinical study in mandible. Scarano, A., Murmura, G., Sinjari, B., Assenza B., Sollazo V., Spinelli, G., Carinci, F. *International Journal of Immunopathology and Pharmacology*, 2011, 24, pp. 71–75

Biomechanical aspects in late implant failures: Scanning electron microscopy analysis of four clinical cases. Di Iorio, D., **Sinjari, B.**, Feragalli, B., Murmura, G. *Journal of Contemporary Dental Practice*, 2011, 12(5), pp. 356–360

Esthetic outcome of an immediately placed maxillary anterior single-tooth implant restored with a custom-made zirconia-ceramic abutment and crown: A staged treatment. Traini, T., Pettinicchio, M., Murmura, G., Varvara G, Di Lullo N, **Sinjari, B.**, Caputi, S. *Quintessence International*, 2011, 42(2), pp. 103–108

Use of zirconia and metal-free ceramic structures in complex implant prosthesis rehabilitation of untreatable soft-and hard-tissues deficits | Uso di strutture in zirconia e ceramica pressofusa nelle riabilitazioni implantoprotesiche estese in presenza di deficit non trattabili dei tessuti duri e molli
Rapani, M., Rapani, C., Di Iorio, D., Vitale, G., **Sinjari, B.** Italian Oral Surgery, 2011, 10(3), pp. 93–103

April 12th 2022

A handwritten signature in black ink, appearing to be 'BS' followed by a period, located on a light blue rectangular background.