

Paolo Ghensi

DDS, Spec. Oral Surgery,
Clin MSc, Ph.D.

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Curriculum Vitae – May 21, 2020

Personal information

Birth date June 18, 1985
Nationality Italian
Clinical activity My clinical activity is totally devoted to periodontology, implantology and oral surgery
Research interests My research interests are in the field of periodontology and dental implantology with particular interest towards soft tissue characteristics and morphology, human microbiome studies and host-microbe interaction

Current position

Associate Private Dentist, Tomasi - Ghensi – Varotto Associate Dental Office, Cembra Lisignago (TN), Italy

Consultant for Periodontology & Oral Implantology, Trentino Alto-Adige, Italy

Postdoctoral Research Fellow, Laboratory of Computational Metagenomics, Department CIBIO, University of Trento, Italy



Adjunct Professor, Dentistry Clinic, Department of Neurosciences, University of Padova, Italy



PreBiomics CEO, <http://prebiomics.com>



Past research positions

Nov 2016-
Oct 2019 **Doctoral student**, Laboratory of Computational Metagenomics, Department CIBIO, University of Trento, Italy



mentor prof. Nicola Segata

Jan 2013-
Oct 2015 **Research assistant**, Dentistry Clinic, Department of Neurosciences, University of Padova, Italy



mentors prof. Eriberto Bressan
prof. Cristiano Tomasi

Education

- 2019 **Doctor of Philosophy (PhD) Degree in Biomolecular Sciences**, *Department CIBIO, University of Trento, Italy*
Grade Cum Laude
Defence of the thesis "Biological and microbiological properties of dental implants and their relation to peri-implant diseases" under the supervision of prof. Nicola Segata. Committee: prof. Guido Grandi (University of Trento), prof. Leonardo Trombelli (University of Ferrara) and prof. Jan Derks (University of Gothenburg).
- 2017 **Professional Course in "Dentistry in Italian institutional service and clinical research"**, *University of Padova, Italy*
- 2016 **Professional Course in "Dentistry in Italian institutional service"**, *University of Padova, Italy*
- 2015 **Master in Oral Implantology (Clin MSc)**, *University of Padova, Italy*
Defence of a clinical case under the supervision of prof. Erierto Bressan and Dr. Andrea Fincato. Committee: Dr. Paolo Piccoli, Dr. Alessandro De Rossi, Dr. Piero Stefani, Dr. Giampaolo Drago, (University of Padova).
- 2012 **Specialization in Oral Surgery (MClin Dent)**, *University of Milano, Italy*
Grade 70/70 cum Laude
Discussion of the thesis "Efficacia della somministrazione per via orale di bromelina nel controllo del discomfort post-operatorio dopo chirurgia estrattiva dei terzi molari inferiori: studio clinico randomizzato e controllato" under the supervision of prof. Carlo Maiorana.
- 2009 **Doctor of Dental Surgery (DDS) Degree**, *University of Verona, Italy*
Grade 110/110 cum Laude and Academic Commendation
Discussion of the thesis "Valutazione biologica di 259 impianti con superficie porosa a microsferi sinterizzate: analisi dello stato di salute e dell'evoluzione dei tessuti peri-implantari". Studio prospettico di coorte a 18 mesi di follow-up", under the supervision of prof. Luciano Malchiodi.

Awards

- 2019 **Osteology Research Prize (750 EUR)** awarded by Osteology Foundation at the International Osteology Symposium Barcelona 2019 "The Next Regeneration": Paolo Ghensi, Paolo Manghi, Moreno Zolfo, Edoardo Pasolli, Cristiano Tomasi, Nicola Segata: "Towards the identification of highly predictive microbial biomarkers for peri-implant diseases through shotgun metagenomics". The prize is given to the 2nd best basic/laboratory research.
- 2018 **Henry M. Goldman Prize 2018 (2000 EUR)** awarded by SIoP (Italian Society of Periodontology and Implantology) at the 20th SIoP National Congress for the research project: Paolo Ghensi, Paolo Manghi, Moreno Zolfo, Edoardo Pasolli, Federica Armanini, Alberto Bertelle, Federico Dell'Acqua, Ester Dellasega, Romina Waldner, Claudio Soldini, Cristiano Tomasi, Nicola Segata: "Caratterizzazione metagenomica del microbioma peri-implantare: verso una nuova definizione dei microrganismi associati a mucosite e peri-implantite". The prize is given to the best basic/laboratory research.
- 2015 **Study award (2000 EUR)** awarded by Master in Oral Implantology University examination committee, University of Padova, Padova, Italy. The prize is given to the two best Master students of each cycle.

Research visits

- 2020 **Department of Periodontology, Institute of Odontology**, The Sahlgrenska Academy, University of Gothenburg, *Gothenburg (Sweden)*
27-31 January
- 2018 **Department of Periodontology, Institute of Odontology**, The Sahlgrenska Academy, University of Gothenburg, *Gothenburg (Sweden)*
22-26 January; 19-23 February; 19-23 March; 17-21 December
- 2017 **Department of Periodontology, Institute of Odontology**, The Sahlgrenska Academy, University of Gothenburg, *Gothenburg (Sweden)*
18-22 December

Teaching

- 2019-2020 "Malattie odontostomatologiche", Course "Diseases of the sense organs", Master Degree in Medicine and Surgery, University of Padova, Padova, Italy
- 2019-2020 "Approccio biologico protesico in zona estetica", Master Course, Master in Oral Implantology, University of Padova, Padova, Italy
- 2018-2019 "Superfici implantari – Parte 2", Master Course, Master in Oral Implantology, University of Padova, Padova, Italy
- 2015-2016 "Applicazione delle tecnologie computerizzate in protesi fissa e implantoprotesi", Master Degree in Dentistry and dental prosthesis, University of Padova, Padova, Italy
- 2011-2012 "Terzi molari superiori ed inferiori", Course "Chirurgia speciale odontostomatologica II", Master Degree in Dentistry and dental prosthesis, University of Verona, Verona, Italy
- 2009-2010 "Superfici implantari", elective Course "Implant-supported prosthesis", Master Degree in Dentistry and dental prosthesis, University of Verona, Verona, Italy

Grants

- 2020 ERC Proof of Concept Grant (150,000 €)
- 2019 Trentino Sviluppo "Matching Fund" (86,000 €)
- 2018 Trentino Sviluppo "Seed Money" (67,500 €)
- 2017 ITI International Team for Implantology Foundation (Principal Investigator) (40,600 €)
- 2016 Dentsply Sirona "Investigator Initiated Study (IIS)" (Principal Investigator) (22,000 €)
- 2016 Eklund Foundation (Principal Investigator) (40,000 €)
- 2016 SIIdP (Italian Society of Periodontology & Implantology) (Principal Investigator) (30,000 €)

Talks, Invited Talks, Seminars and Webinars

- May 21, 2020 **"Prevention by Regeneration – Un nuova prospettiva per il clinico"**. Invited Webinar at Geistlich Biomaterials Italia, Trento, Italy
- May 12, 2020 **"PMT - Personalized Microbiome Therapy": a new possible paradigm for the treatment of peri-implant diseases?"**. Invited Webinar at UIC (Universitat Internacional de Catalunya) Barcelona, Trento, Italy
- Mar 07, 2020 **"PMT - Personalized Microbiome Therapy": un nuovo paradigma per la diagnosi e la terapia delle malattie peri-implantari?** Invited Talk at "XVI edizione Settimana culturale di Cortina – ANDI", Cortina d'Ampezzo, Italy
- Feb 21, 2020 **Approccio biologico protesico in zona estetica**. Invited Seminar at "BioHorizons

- Learning Forum", Padova, Italy
- Jan 10, 2020 **La gestione dei siti estrattivi.** Invited Seminar at "Corso teorico-pratico di chirurgia ossea rigenerativa GBR", GBR Academy, Firenze, Italy
- Nov 23, 2019 **"PMT - Personalized Microbiome Therapy": nuove prospettive per il trattamento delle malattie peri-implantari.** Invited Talk at "Il rispetto a 360° del paziente odontoiatrico", TRAP Group Italia, Trento, Italy
- Apr 26, 2019 **Towards the identification of highly predictive microbial biomarkers for peri-implant diseases through shotgun metagenomics.** Talk at "International Osteology Symposium Barcelona 2019 - The Next Regeneration", Osteology Foundation, Barcelona, Spain
- Apr 13, 2019 **Parodontologia ed implantologia OGGI.** Invited Talk at "Congresso Regionale AIO Trento", AIO Trento, Trento, Italy
- Nov 15, 2018 **Ruolo del microbioma nell'eziologia delle malattie orali.** Invited Webinar, "Ciclo di webinar Verdenti", Verdenti, Trento, Italy
- Apr 21, 2018 **Lesioni endo-parodontali, diagnosi, trattamento e outcome.** Invited Talk at "Seminario endodontico regionale STE – Attualità in Endodonzia", SIE (Società Italiana di Endodonzia), Trieste, Italy
- Mar 15, 2018 **Caratterizzazione metagenomica del microbioma peri-implantare: verso una nuova definizione dei microrganismi associati a mucosite e peri-implantite.** Talk at "Sessione premio HM Goldman", XX Congresso Nazionale SIdP (Società Italiana di Parodontologia e Implantologia), Rimini, Italy
- Feb 21, 2018 **Toward the identification of a distinctive and predictive microbial signature in peri-implant diseases.** Invited Seminar at Department of Periodontology, Institute of Odontology, The Sahlgrenska Academy, University of Gothenburg, Gothenburg, Sweden
- Dec 9, 2017 **Associazione tra microbioma orale e malattie peri-implantari.** Invited Seminar at "Il Dentista sentinella della salute - Giornata culturale AIO", Ordine dei Medici Chirurghi e degli Odontoiatri, Trento, Italy
- Oct 21, 2017 **Il microbioma peri-implantare analizzato con tecniche metagenomiche.** Invited talk at "IV Convegno – Microbiota: le nuove frontiere della medicina", Terme di Comano (TN), Italy
- Jul 25, 2017 **Esthetic and implantology in the frontal area.** Invited Seminar at "Beijing IDT CO. LTD", Fuzhou, China
- Jul 23, 2017 **Esthetic and implantology in the frontal area.** Invited Seminar at "Beijing IDT CO. LTD", Haikou People's Hospital, Hainan, China
- Mar 24, 2017 **Lembi e suture su modello animale.** Invited Speaker at "Pre-corso teorico e pratico - Italian Academy of Osseointegration (IAO)", Padova, Italy
- Mar 16, 2017 **A metagenomic approach to identify bacterial strains associated with peri-implant diseases** Italy. Talk at "Spazio Ricerca", XVIII Congresso Internazionale SIdP (Società Italiana di Parodontologia e Implantologia), Rimini, Italy
- Sep 24, 2016 **Microbiota orale: parodontite e peri-implantite.** Invited Talk at "III Convegno – Microbiota nella medicina del futuro", Terme di Comano (TN), Italy
- Mar 20, 2016 **Biology Concepts as Implant Treatment's Key Success.** Invited Seminar at "Beijing IDT CO. LTD", Zhenjiang, China
- Mar 19, 2016 **Biology Concepts as Implant Treatment's Key Success.** Invited Seminar at "Beijing IDT CO. LTD", Shenyang, China
- May 14, 2015 **L'estrazione chirurgica dei terzi molari inferiori: diagnosi, indicazioni, tecniche e update dalla letteratura.** Invited Talk at "Serate Culturali AIO", Trento, Italy

- Feb 13, 2015 **The use of TI-Mesh and PRGF for maxillary sinus lift and immediate implants in alveolar bone atrophy.** A one-stage approach. Speaker at "ReUnion 2015 - Dal particolare, un metodo", Bologna, Italy
- Feb 28, 2014 **Riabilitazione di mascellare superiore mediante tecnica V-II-V a carico immediato.** Speaker at "ReUnion 2014 - L'implantologia in un mondo che cambia: confrontarsi per crescere", Bologna, Italy
- Oct 26, 2013 **L'estrazione chirurgica dei terzi molari inferiori: diagnosi, indicazioni, tecniche e update dalla letteratura.** Invited Talk at "Corso annuale di implantologia e chirurgia orale - Prof. Luciano Malchiodi", Brescia, Italy
- Jul 30, 2013 **L'estrazione chirurgica dei terzi molari inferiori: diagnosi, indicazioni, tecniche e update dalla letteratura.** Invited Talk at "Serate culturali Itac", Rovereto, Italy
- May 6, 2011 **Diverse soluzioni implanto-protesi nella terapia delle atrofie mascellari dagli innesti ossei agli impianti corti.** Invited Speaker at "Congresso ANDI Toscana Memorial di Gregorio, Artimino Carmignano (PO), Italy
- Feb 5, 2011 **Impianti corti e ultra corti: esperienza clinica e valutazioni peri-implantari e biomeccaniche.** Invited Speaker at "Corso Oral-B", Milano, Italy
- Nov 26, 2010 **Valutazione biologica di 259 impianti con superficie porosa a microsferie sinterizzate: analisi dello stato di salute e dell'evoluzione dei tessuti periimplantari.** Studio prospettico di coorte a 24 mesi di follow-up. Studio prospettico di coorte a 24 mesi di follow-up. Speaker at "IV Expo di Autunno", Milano, Italy
- Nov 26, 2010 **Valutazione biomeccanica di 259 impianti con superficie porosa a sfere sinterizzate: influenza del rapporto corona/impianto e di altri parametri implanto-protesi sul successo implantare. Studio prospettico di coorte a 24 mesi di follow-up.** Speaker at "IV Expo di Autunno", Milano, Italy
- Oct 30, 2010 **Impianti corti e ultra corti: esperienza clinica e valutazioni peri-implantari e biomeccaniche.** Invited Speaker at "Corso ANDI Roma-Oral-B", Roma, Italy
- 15 Oct, 2010 **Come si è evoluta l'implantologia: dalla riabilitazione del singolo dente al carico immediato agli impianti corti.** Invited Speaker at "8° Convegno "Dalla prevenzione al mantenimento del paziente adulto", Rovereto, Italy
- 14 Oct, 2010 **A systematic review of injectable fillers for facial aesthetics: the rationale for clinical use.** Speaker at "12th International Congress of Aesthetic Medicine", Milano, Italy
- Oct 1, 2010 **Impianti corti e ultra corti: esperienza clinica e valutazioni peri-implantari e biomeccaniche.** Invited Speaker at "Corso pre-congressuale Congresso AIO Mantova", AIO Mantova, Mantova, Italy
- Sep 18, 2010 **Gli impianti corti ed il loro mantenimento.** Invited Speaker at "Corso ASID", Sommacampagna (VR), Italy
- May 15, 2010 **Impianti corti e ultra corti: esperienza clinica e valutazioni peri-implantari e biomeccaniche.** Invited Speaker at "Corso ANDI Genova", Genova, Italy
- May 08, 2010 **Il trattamento delle atrofie mascellari in implanto-protesi con l'utilizzo degli impianti corti: sperimentazione clinica e suoi risultati.** Invited Speaker at "IV Congresso dell'Accademia Italiana di Implanto-protesi", Brescia, Italy

Thesis supervisor

- 2018 **Elia Bettio.** Nuove strategie per lo sviluppo di un coating implantare anti-biofilm: bioconiugazione della sericina al titanio.
- 2017 **Gianmarco Tonetto.** Studio retrospettivo su 261 impianti CLC: follow-up da 1 a 3 anni.

Editorial, Reviewer and Scientific Committee Activity

- 2013-now Reviewer for the following journals in the last 6 years: Journal of Clinical Periodontology, Clinical Implant Dentistry and Related Research, Clinical Oral Implants Research, MySystems, Indian Journal of Dental Research, European Journal of Oral Surgery
- 2013-2015 Member of the Editorial Board of the European Journal of Oral Surgery (JOS)

Institutional positions

- 2015-2017 Member and Advisor of Register of Medical Doctors and Dentists, Trento, Italy

Publications

H-index 10
citations >400

International Journal Papers

- [1] Cucchi A, Vignudelli E, Franco S, Ghensi P, Malchiodi L, Corinaldesi G. *Evaluation of Crestal Bone Loss Around Straight and Tilted Implants in Patients Rehabilitated by Immediate-Loaded Full-Arch All-on-4 or All-on-6: A Prospective Study*. J Oral Implantol 2019;45(6):434-443.
- [2] Bellin G, Gardin C, Ferroni L, Ghensi P, Zavan B, Tatullo M. *The Synergic Effect of Terpenoid and Steroidal Saponins Can Improve Bone Healing, by Promoting the Osteogenic Commitment of Adipose Mesenchymal Stem Cells: An In Vitro Study*. Appl Sci 2019;9(16):3426.
- [3] Ghensi P, Bettio E, Maniglio D, Bonomi E, Piccoli F, Gross S, Caciagli P, Segata N, Nollo G, Tessarolo F. *Dental Implants with Anti-Biofilm Properties: A Pilot Study for Developing a New Sericin-Based Coating*. Materials (Basel) 2019;30;12(15).
- [4] Mandelli F, Ghensi P, Traini T. *Biomimetic implant restoration made of human enamel and CAD/CAM block: a short report*. Quintessence Int 2019;50(4):330-333.
- [5] Pasolli E, Asnicar F, Manara S, Zolfo M, Karcher N, Armanini F, Beghini F, Manghi P, Tett A, Ghensi P, Collado MC, Rice BL, DuLong C, Morgan XC, Golden CD, Quince C, Huttenhower C, Segata N. *Extensive Unexplored Human Microbiome Diversity Revealed by Over 150,000 Genomes from Metagenomes Spanning Age, Geography, and Lifestyle*. Cell 2019;176(3):649-662.e20.
- [6] Mandelli F, Perale G, Danti S, D'Alessandro D, Ghensi P. *Clinical and histological evaluation of socket preservation using Smartbone®, a novel heterologous bone substitute: a case series study*. Oral Implantol (Rome) 2018;11(1):24-30.
- [7] Ghensi P, Tonetto G, Soldini C, Bettio E, Mortellaro C, Soldini C. *Dental Implants With a Platform-Switched Morse Taper Connection and an Osteo Growth Induction surface*. J Craniofac Surg 2019;30(4):1049-1054.
- [8] Ghensi P, Cucchi A, Bonaccorso A, Ferroni L, Gardin C, Mortellaro C, Zavan B. *In Vitro Effect of Bromelain on the Regenerative Properties of Mesenchymal Stem Cells*. J Craniofac Surg 2019;30(4):1064-1067.
- [9] Caberlotto M, Gobbo M, Bettio E, Soldini C, Ghensi P. *Combining orthodontic extrusion and guided bone regeneration (GBR) for bone augmentation and implant placement in the aesthetic zone: technical issues and case report*. Oral Implantol (Rome) 2018;11(1):24-30.
- [10] Caricasulo R, Malchiodi L, Ghensi P, Fantozzi G, Cucchi A. *The influence of implant-abutment connection to peri-implant bone loss: A systematic review and meta-analysis*. Clin Implant Dent Relat Res 2018;20(4):653-664.
- [11] Malchiodi L, Moro T, Cattina DP, Cucchi A, Ghensi P, Nocini PF. *Implant rehabilitation of the edentulous jaws: does tilting of posterior implants at an angle greater than 45° affect bone resorption*

and implant success?: A retrospective study. Clin Implant Dent Relat Res 2018;20(5):867-874.

- [12] Bressan E, Veneze AC, Magaz VR, Lops D, Ghensi P. *Fixed Conometric Retention with CAD/CAM Conic Coupling Abutments and Prefabricated Syncone Caps: A Case Series.* Int J Periodontics Restorative Dent 2018;38(2):277-280.
- [13] Veneze AC, Ghensi P, Stellini E, Magaz VR, Bressan E. *Double Duplicate Technique for CAD/CAM Full-Arch Immediate Loading: A Technical Description and Case Report.* Int J Periodontics Restorative Dent 2018;38(2):209-216.
- [14] Ghensi P, Stablum W, Bettio E, Soldini MC, Tripi TR, Soldini C. *Management of the exposure of a dense PTFE (d-PTFE) membrane in guided bone regeneration (GBR): a case report.* Oral Implantol (Rome) 2017;10(3):335-342.
- [15] Ghensi P, Bressan E, Gardin C, Ferroni L, Soldini MC, Mandelli F, Soldini C, Zavan B. *The Biological Properties of OGI Surfaces Positively Act on Osteogenic and Angiogenic Commitment of Mesenchymal Stem Cells.* Materials (Basel) 2017;17;10(11).
- [16] Ghensi P, Bressan E, Gardin C, Ferroni L, Ruffato L, Caberlotto M, Soldini C, Zavan B. *Osteo Growth Induction titanium surface treatment reduces ROS production of mesenchymal stem cells increasing their osteogenic commitment.* Mater Sci Eng C Mater Biol Appl 2017;74:389-398.
- [17] Malchiodi L, Ghensi P, Balzani L, Cucchi A. *Primary and secondary stability of XRT implants in postextraction and healed sites: a randomized controlled clinical trial.* Int J oral Maxillofac Implants 2016;31(6):1435-1443.
- [18] Ghensi P, Cucchi A, Creminelli L, Tomasi C, Zavan B, Maiorana C. *Effect of oral administration of bromelain on postoperative discomfort after third molar surgery: a randomized controlled clinical trial.* J Craniofac Surg 2017;28(2):e191-e197.
- [19] Rea M, Ricci S, Ghensi P, Lang NP, Botticelli D, Soldini C. *Marginal healing using Polyetheretherketone as healing abutments: an experimental study in dogs.* Clin Oral Implants Res 2017;28(7):e46-e50.
- [20] Cucchi A, Caricasulo R, Ghensi P, Malchiodi L, Corinaldesi G. *Prevention of BRONJ Using PRGF in a Totally Edentulous Patient Restored With Postextraction Implants: A Case Report.* J Oral Implantol 2016;42(3):299-303.
- [21] Malchiodi L, Ghensi P, Cucchi A. *The "Alternating Osteotome Technique": a surgical approach for combined ridge expansion and sinus floor elevation. A 3-year multicentre prospective study.* Biotechnol Biotechnol Equip 2016; 30;4:762-769.
- [22] Cucchi A, Ghensi P. *Vertical Guided Bone Regeneration using Titanium-reinforced d-PTFE Membrane and Prehydrated Corticocancellous Bone Graft.* Open Dent J 2014; 14;8:194-200.
- [23] Malchiodi L, Ghensi P, Cucchi A, Pieroni S, Bertossi D. *Peri-implant conditions around sintered porous-surfaced (SPS) implants. A 36-month prospective cohort study.* Clin Oral Implants Res 2015;26(2):212-9.
- [24] Scala R, Cucchi A, Cappellina L, Ghensi P. *Cleaning and decompression of inferior alveolar nerve to treat dysesthesia and paresthesia following endodontic treatment of a third molar.* Indian J Dent Res 2014;25(3):413-5.
- [25] Mandelli F, Ghensi P, Vinci R, Mandelli G. *Sinus floor elevation with crestal approach and immediately loaded postextraction implants.* J Indiana Dent Assoc 2013 Winter;92:22-4; quiz 25.
- [26] Malchiodi L, Cucchi A, Ghensi P, Consonni D, Nocini PF. *Influence of crown-implant ratio on implant success rates and crestal bone levels: a 36-month follow-up prospective study.* Clin Oral Implants Res 2014;25:240-51.

- [27] Iezzi G, Malchiodi L, Quaranta A, Ghensi P, Piattelli A. *Peri-implant bone response around a human hydroxyapatite-coated implant retrieved after a 10-year loading period: a case report*. Int J Oral Maxillofac Implants 2013;28:e190-194.
- [28] Scala R, Ghensi P, Cucchi A, Pistoia E. *Postextraction implant placement with immediate provisionalisation and finalisation, using a simplified technique: technical notes and a case report*. Open Dent J 2012;6:164-9.
- [29] Scala R, Cucchi A, Ghensi P, Vartolo F. *Clinical evaluation of satisfaction in patients rehabilitated with an immediately loaded implant supported prosthesis: a controlled prospective study*. Int J Oral Maxillofac Implants 2012;27:911-919.
- [30] Malchiodi L, Cucchi A, Ghensi P, Nocini PF. *Evaluation of the esthetic results of 64 immediately loaded postextraction implants in the maxilla: correlation between interproximal alveolar crest and soft tissues at 3 years of follow-up*. Clin Implant Dent Relat Res 2011 Dec 16
- [31] Malchiodi L, Ghensi P, Cucchi A, Corrocher G. *A comparative retrospective study of immediately-loaded implants in postextractive sites versus healed sites: results after a 6- to 7-year follow-up in the maxilla*. Int J Oral Maxillofac Implants 2011;26(2):373-84.
- [32] Malchiodi L, Ghensi P, Cucchi A, Trisi P, Szmuckler-Moncler S, Corrocher G, Gerosa R. *Early bone formation around immediately loaded FBR-coated implants after 8, 10 and 12 weeks: a human histologic evaluation of three retrieved implants*. Minerva Stomatol 2011;60:205-16. English, Italian.
- [33] Malchiodi L, Ghensi P, Cucchi A. *Il sistema implantare Endopore: superficie porosa e design tronco-conico per l'ottimizzazione dell'osteointegrazione e del carico funzionale*. Sympla Solutions vol. 1. Marzo- Luglio 2010.
- [34] Malchiodi L, Ghensi P, Cucchi A, Bondi V. *One-stage surgical approach to rehabilitate severely injured anterior teeth in a young woman*. J Craniofac Surg 2010; 21(4):1184-1188.
- [35] Malchiodi L, Corrocher G, Cucchi A, Ghensi P, Bissolotti G, Nocini PF. *Long-term results of immediately loaded fast bone regeneration-coated implants placed in fresh extraction sites in the upper jaw*. J Oral Implantol 2010; 36(4):251-261.
- [36] Malchiodi L, Cucchi A, Ghensi P, Bondi V. *A case of rapidly progressive peri-implantitis around a short sintered porous-surfaced implant*. J Indiana Dent Assoc 2009-2010 Winter; 88(4):33-35.

Posters

- [1] Tambone E, Ceresa C, Maniglio D, Piccoli F, Caola I, Nollo G, Ghensi P, Caciagli P, Fracchia L, Tessarolo F. *Rhamnolipid coating reduces formation of Candida albicans – Staphylococcus aureus mixed biofilm on titanium implants: an in-vitro study*. European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), Paris, 18-21/04/2020.
- [2] Marchi R, Teresi SE, Zaetta A, Ghensi P, Cucchi A. *Horizontal ridge augmentation (HRA) for mandibular defect using autogenous bone, demineralized porcine xenograft and peritoneal collagen membrane*. III GBR-GTR Symposium, Bologna, 29-30/11/2019.
- [3] Cucchi A, Vignudelli E, Calamai P, Rengo C, Ghensi P, Randellini E. *Vertical and horizontal guided bone regeneration (GBR) with resorbable membrane and titanium plate*. EAO Congress, Lisbon, 26-28/09/2019.
- [4] Ghensi P, Manghi P, Zolfo M, Pasolli E, Armanini F, Tomasi C, Segata N. *Towards the identification of highly predictive microbial biomarkers for peri-implant diseases through shotgun metagenomics*. International Osteology Symposium, Barcelona, 25-27/04/2019.
- [5] Bonomi E, Ceresa C, Piccoli F, Maniglio D, Tambone E, Caola I, Nollo G, Caciagli P, Ghensi P, Allegrone G, Fracchia L, Tessarolo F. *Microbial biosurfactant R89 inhibits biofilm formation of Staphylococcus spp. on titanium: an in-vitro preliminary study*. European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), Amsterdam, 13-16/04/2019.

- [6] Ghensi P, Manghi P, Zolfo M, Pasolli E, Armanini F, Bertelle A, Dell'Acqua F, Dellasega E, Waldner R, Soldini C, Tomasi C, Segata N. *Towards the identification of microbial biomarkers for peri-implant diseases through strain-level shotgun metagenomics*. Simposio Nazionale Osteology, Torino, 27-29/09/2018.
- [7] Ghensi P, Cucchi A, Mandelli F. *Alveolar socket preservation with the use of Bio-Oss collagen® and a free gingival punch graft: a case series study*. Simposio Nazionale Osteology, Torino, 27-29/09/2018.
- [8] Ghensi P, De Stavola L, Cucchi A, Cenzi A, Piccoli P, Bressan E. *A digital, surgical and prosthetic staged approach to rehabilitate a severely atrophic maxilla: a case report*. SIO International Congress, Milano 5-6/02/2016.
- [9] Cucchi A, Ricciotti G, Caricasulo R, Ghensi P, Malchiodi L. *Evaluation of ultra-short implants in posterior atrophic jaws. 3-year results of prospective study*. SIO International Congress, Milano 5-6/02/2016.
- [10] Cucchi A, Napolitano A, Cecchini S, Ghensi P, Malchiodi L. *Implant stability and complication rates after guided bone regeneration with non-resorbable membranes versus titanium meshes*. SIO International Congress, Milano 5-6/02/2016.
- [11] Cucchi A, Cecchini S, Caricasulo R, Ghensi P, Corinaldesi G. *The use of Ti-mesh and PRGF for maxillary sinus lift and immediate implants in alveolar bone atrophy. A one-stage approach*. REDEOR International Congress, Venezia 25-27/03/2015.
- [12] Caricasulo R, Cucchi A, Ghensi P, Cecchini S, Malchiodi L. *Prevention of BRONJ using PRGF in a totally edentulous patient restored with post-extractive implants*. SIO International Congress, Milano 6-7/02/2015.
- [13] Cucchi A, Ghensi P, Cecchini S, Bressan E, Corinaldesi G. *Full-arch rehabilitation of edentulous jaws with straight and tilted implants. Preliminary results*. SIO International Congress, Milano 6-7/02/2015.
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- [15] Caricasulo R, Cucchi A, Ghensi P, Vinci R, Malchiodi L. *Evaluation of ultra-short and longer implants with micro-rough surface. A 24- to 36-months prospective cohort study*. EAO International Congress, Roma 25-27/09/2014.
- [16] Ghensi P, Cucchi A, Marchetti C, Bressan E, Malchiodi L. *The "Alternating Osteotome Technique": a surgical approach for combined ridge expansion and sinus floor elevation. A 3-year multicentre prospective study*. EAO International Congress, Roma 25-27/09/2014.
- [17] Ghensi P, Cucchi A, Stellini E, Bressan E. *Alveolar ridge preservation with a prehydrated corticocancellous bone graft: a clinical, radiographical and histological case report*. SIO International Congress, Milano 7-8/02/2014.
- [18] Cucchi A, Ghensi P, Stellini E, Bressan E. *Vertical Guided Bone Regeneration (GBR) with titanium-reinforced d-ptfe membrane and prehydrated corticocancellous bone graft: a case report*. SIO International Congress, Milano 7-8/02/2014.
- [19] Ghensi P, Mandelli F, Mandelli G. *Immediate loading of postextraction implants with simultaneous crestal sinus lift*. IV Congresso Nazionale COCI, Milano 26-27/10/2012.
- [20] Mazzanti C, Iezzi G, Malchiodi L, Quaranta A, Ghensi P, Piattelli A. *Histologic evaluation of a human hydroxyapatite (HA)-coated implant retrieved after a 10 years loading period*. Congresso Nazionale dei Docenti di Odontoiatria, Torino 12-14/04/2012.
- [21] Cucchi A, Ghensi P, Cappellina L, Cappellina C, Cappellina D. *A prospective study of 4 different techniques for esthetic improvement of the lips: hyaluronic acid, collagen, goretex and lipofilling*. Congresso Nazionale dei Docenti di Discipline Odontostomatologiche, Chieti 21-23/04/2010.
- [22] Cucchi A, Ghensi P, Cappellina L, Cappellina C, Cappellina D. *Hyaluronic acid vs collagen fillers in esthetic correction of the lips: a comparative prospective study*. Congresso Nazionale dei Docenti di Discipline Odontostomatologiche, Chieti 21-23/04/2010.

- [23] Ghensi P, Cucchi A, Malchiodi L. *Analysis of peri-implant marginal bone loss using winsix® dental implants: preliminary results of a 2-year prospective study*. Congresso Nazionale dei Docenti di Discipline Odontostomatologiche, Chieti 21-23/04/2010.
- [24] Ghensi P, Cucchi A, Malchiodi L. *Esthetic outcome of bonded porcelain restorations (bpr) in the anterior dentition: a biomimetic approach*. Congresso Nazionale dei Docenti di Discipline Odontostomatologiche, Chieti 21-23/04/2010.
- [25] Ghensi P, Cucchi A, Malchiodi L. *Comparison of sintered porous-surfaced (SPS) implants inserted in patients with versus patients without periodontitis: a 24-months cohort prospective study*. SIO International Congress, Roma 5-6/02/2010.
- [26] Cucchi A, Ghensi P, Malchiodi L. *Comparison of sintered porous-surfaced (SPS) implants inserted in patients with versus patients without parafunction: a 24-months cohort prospective study*. SIO International Congress, Roma 5-6/02/2010.
- [27] Longhi C, Cucchi A, Ghensi P. *Impianti corti per il trattamento dell'edentulia posteriore nella mandibola: esperienza clinica con risultati a 3 anni*. Congresso Nazionale dei Docenti di Discipline Odontostomatologiche e Chirurgia Maxillo-facciale, Roma 22-25/04/2009.
- [28] Cucchi A, Ghensi P, Vartolo F, Pistoia E, Scala R. *Il SAT-P come metodo per valutare la soddisfazione in pazienti con edentulia totale inferiore riabilitati mediante protesi fissa supportata da impianti*. Congresso Nazionale dei Docenti di Discipline Odontostomatologiche e Chirurgia Maxillo-facciale, Roma 22-25/04/2009.
- [29] Ghensi P, Cucchi A, Vartolo F, Scala R. *Sostituzione di un incisivo centrale con frattura coronaradiculare mediante impianto postestrattivo a protesizzazione immediata: tecnica semplificata*. Congresso Nazionale dei Docenti di Discipline Odontostomatologiche e Chirurgia Maxillo-facciale, Roma 22-25/04/2009.
- [30] Cucchi A, Ghensi P, Trevisiol L, Corrocher G, Malchiodi L. *Impianti post-estrattivi con superficie Plasma-spray rivestita da Ca-P a carico immediato: follow-up a 7 anni*. Congresso Nazionale dei Docenti di Discipline Odontostomatologiche e Chirurgia Maxillo-facciale, Roma 22-25/04/2009.
- [31] Ghensi P, Cucchi A, D'Agostino A, Corrocher G, Malchiodi L. *Impianti Pitt-Easy Bio-oss FBR-coated a carico immediato. Valutazione istologica in 3 pazienti dopo 8-12 settimane di carico funzionale*. Congresso Nazionale dei Docenti di Discipline Odontostomatologiche e Chirurgia Maxillo-facciale, Roma 22-25/04/2009.
- [32] Cucchi A, Ghensi P, Albanese M, Corrocher G, Malchiodi L. *Valutazione del risultato estetico di impianti postestrattivi a carico immediato in premaxilla: un follow-up a 3 anni*. Congresso Nazionale dei Docenti di Discipline Odontostomatologiche e Chirurgia Maxillo-facciale, Roma 22-25/04/2009.

Book Chapters

- [1] Ghensi P. *Dental stem cells and growth factors*. In: Zavan B & Bressan E (eds), "Dental Stem Cells: Regenerative Potential". Springer International Publishing AG, Cham, 2016.
- [2] Malchiodi L, Cucchi A, Ghensi P, Santina M. *Short implants*. In: Gherlone E (ed), "Riabilitazioni implantoprotetiche e chirurgia minimamente invasiva". Carimate (CO): Casa Editrice Ariesdue, 2013: 163-188.

Theses

- [1] Paolo Ghensi. *Biological and microbiological properties of dental implants and their relation to peri-implant diseases*. PhD Thesis, University of Trento, 2019.
- [2] Paolo Ghensi. *Efficacia della somministrazione per via orale di bromelina nel controllo del discomfort post-operatorio dopo chirurgia estrattiva dei terzi molari inferiori: studio clinico randomizzato e controllato*. Specialization in Oral Surgery, University of Milano, 2012.

- [3] Paolo Ghensi. *Valutazione biologica di 259 impianti con superficie porosa a microsfere sinterizzate: analisi dello stato di salute e dell'evoluzione dei tessuti peri-implantari. Studio prospettico di coorte a 18 mesi di follow-up*. Doctor of Dental Surgery (DDS), University of Verona, 2009.

Courses attended

Digital dentistry

- 2017 1-day course "Corso di virtual planning e guided surgery"
Relator: Dr. Enrico Corrà
Verona, 30/06
- 2016 1-day course "Computer aided implant surgery: SimPlant software and its clinical applications"
Relator: Dr. Pierfrancesco Piccinini
Vicenza, 16/07
- 2016 2-day course "Corso di chirurgia computer assistita: dalla pianificazione al caso clinico finito"
Relators: Dr. Angelo Sisti, Odt. Giovanni Serantoni, Dr. Pierfrancesco Piccinini
Piacenza, 29-30/01

Dental photography

- 2017 1-day course "Digital Dentistry – photo, video e cad-cam"
Relator: Dr. Livio Yoschinaga
Verona, 19/06

Cariology

- 2019 3-day course "Vincere la Carie"
Relator: Dr. Giovanni Sammarco
Trento, 7-9/11/2019

Oral Surgery

- 2013 1-day course "Il razionale nella chirurgia endodontica"
Relator: Dr. Silvio Taschieri
Milano, 22/06
- 2011 Annual course "Chirurgia Orale"
Relators: Dr. Roberto Barone, Dr. Carlo Clauser, Dr. Angelo Baleani
Firenze, 21-22/01, 25-26/02, 18-19/03, 15-16/04

Periodontology

- 2019 Annual course "Problem Solving in Parodontologia"
Relators: Prof. Leonardo Trombelli & Dr. Luigi Minenna
Ferrara, 09-11/05, 13-14/06, 11-12/07, 19-20/09, 17-18/10
- 2016 SIIdP annual course "III Corso annuale di Parodontologia ed Implantologia"
Coordinators: Dr. Giancarlo Agudio & Dr. Fabio Toffenetti
Firenze, 19-20/02, 15-16/04, 10-11/06, 7-8/10, 4-5/11, 16-17/12

- 2013 1-day course "Mantenere o estrarre: questo è il dilemma"
 Relator: Prof. Lars Laurell
 Trento, 12/10
- 2011-2012 Annual course "Parodontologia Clinica ed impianti"
 Relators: Dr. Cristiano Tomasi e Dr. Sabrina Bottamedi
 Trento, 14-16/10 e 18-19/11, 20-21/01, 8-11/02, 9-10/03
- 2010-2011 Annual course "Parodontologia Clinica ed impianti"
 Relators: Dr. Cristiano Tomasi & Dr. Sabrina Bottamedi
 Trento, 14-16/10 e 11-13/11, 4-5/02, 10-12/03, 31/03-1-2/04

Mucogingival surgery

- 2018-2019 Annual course "La chirurgia parodontale estetica: dalle recessioni gengivali ai difetti ossei verticali"
 Relator: Prof. Giovanni Zucchelli
 Bologna, 25-27/10, 29-30/11, 24-25/01, 22-23/02
- 2011 2-day course "Chirurgia plastica parodontale (muco-gengivale): procedure di copertura radicolare"
 Relators: Prof. Jan Wennström & Dr. Cristiano Tomasi
 Trento, 27-28/05

Implantology

- 2018 2-day course "BioHorizons Clinical Live Implant Course"
 Relator: Dr. Tiziano Testori
 Como, 7-8/09.
- 2017-2018 Annual course "Tilted Implants – Tecniche chirurgiche All-on-4, V-II-V e NobelClinician"
 Relator: Dr. Enrico Agliardi
 Bollate (MI), 26-27/05, 7-8/07, 15-16/07, 12-13/01
- 2013 Annual course "Implantologia & Chirurgia orale"
 Relator: Prof. Luciano Malchiodi
 Brescia, 25-26/01, 22-23/02, 15-16/03, 12-13/04, 7-8/06, 5-6/07, 27-28/09
- 2012 2-day course "Tecniche di osteointegrazione"
 Relator: Prof. Pascal Valentini
 Milano, 30-31/03

Bone regeneration

- 2018 3-day course "Advanced Bone and Soft Tissue Regeneration Techniques in Implant Therapy"
 Relator: Prof. Istvan Urban
 Budapest, 18-20/01
- 2012 2-day course "Augmentation procedures part I: bone harvesting techniques, augmentation and soft tissue surgery"
 Relator: Prof. Fouad Khoury
 Olsberg, 29-30/03
- 2011 4-day course "Corso avanzato di chirurgia rigenerativa con osso autologo"

Relator: Dr. Luca De Stavola
Trento, 16-17/09, 4-5/11

Sinus augmentation

- 2011 1-day course "Tecniche di rialzo del seno mascellare"
Relators: Dr. Claudia Dellavia, Dr. Massimo Del Fabbro, Dr. Matteo Chiapasco, Dr. Andrea Bianchi, Prof. Leonardo Trombelli, Dr. Gianpaolo Conforti, Dr. Tiziano Testori, Prof. Giovanni Felisati
Como, 07/05

Prosthodontics

- 2019 1-day course "BOPT il trattamento protesicamente guidato dei tessuti molli su denti e impianti"
Relator: Dr. Ignazio Loi
Trento, 16/04
- 2018 2-day course "Corso teorico-pratico di protesi fissa su denti naturali e impianti secondo tecnica B.O.P.T. Per clinici e odontotecnici"
Relators: Dr. Giuseppe Pellitteri & Odt. Sonia Cattazzo
Due Carrare (PD), 05-06/10
- 2017 2-day course "Concetto conometrico – approccio standard".
Relator: Dr. Marco Degidi
Bologna, 16-17/11
- 2011 1-day course "Il successo estetico del trattamento implantare dal punto di vista protesico"
Relator: Dr. Stefano Gracis
Milano, 24/06

Radiology

- 2016 1-day course "Corso di radioprotezione per odontoiatri"
Relators: Dr. Monica Marani, Dr. Giorgio Zatta, Dr. Aldo Valentini
Trento, 16/01

Human cadaver dissection course

- 2013 2-day course "Corso pratico di chirurgia odontoiatrica avanzata"
Relator: Dr. Sebastiano Rosa
Nice, 18-19/07

Research and methodology course

- 2018 5-day course "Oral Research Academy (ORA) – Osteology Foundation"
Relators: Prof. Niklaus Lang, Prof. Reinhard Gruber, Prof. Dieter Bosshardt, Prof. Micheal Bornstein, Prof. Ronald Jung, Prof. Andrea Mombelli, Prof. Daniel Thoma, Prof. Frank Schwarz
Luzern, 10-14/09

BLSD (Basic Life Support Defibrillation)

- 2019 1-day course "Basic Life support defibrillation per sanitari - Esecutore"
Relator: Dr. Ivano Floriani
Trento, 14/12
- 2014 1-day course "Basic Life support defibrillation per sanitari - Esecutore"
Relator: Dr. Maurizio Mazzucchin
Padova, 25/10

Translational courses

- 2017 6-hour course "Mass Spectrometry Facility"
Relator: Dr. Romina Belli
Trento, 5-12-15/06
- 2017 6-hour course "Next Generation Sequencing (NGS) Facility"
Relator: Dr. Veronica De Sanctis
Trento, 13-27/03, 10/04
- 2017 12-hour course "Data exploration"
Relator: Dr. Pietro Franceschi
Trento, 18-25/01, 01-08/02
- 2016 24-hour course "Scientific, Publishing & Communication"
Relator: Prof. Ralf Dahm
Trento, 24-25/11
- 2016 6-hour course "Cell Analysis Separation Facility"
Relator: Dr. Isabella Pesce
Trento, 28-30/09, 07/10
- 2016 6-hour course "High Throughput Screening (HTS) Facility"
Relator: Dr. Valentina Adami
Trento, 11-18-25/01
- 2016 12-hour course "Business Planning for biotech leaders"
Relator: Dr. Stefano Milani
Trento, 2-11-18/03, 02-28/04
- 2016 12-hour course "Introduction to metagenomics"
Relator: Prof. Nicola Segata
Trento, 14-16-21/03, 4-18/04
- 2016 12-hour course "Stem cell Biology"
Relator: Prof. Luciano Conti
Trento, 3-4-8-11/02
- 2016 "CIBIO Waste Management"
Relator: CIBIO on-line course
Trento, 04/07
- 2016 "General Laboratory Practices"
Relator: CIBIO on-line course
Trento, 24/05
- 2016 "Health and Safety in the workplace"

Relator: University of Trento on-line course

Trento, 29/02

2015-2016 12-hour course "Laboratory Safety Course"

Relators: Prof. Ines Mancini, Prof. Alessandro Provenzani

Trento, 3-4/12, 19-20/01

2015 12-hour course "Laboratory Techniques"

Relator: Prof. Nicola Segata

Trento, 1-30/11

Societies and Membership

Active Member

IAO (Italian Academy of Osseointegration)

Ordinary Member

Italian Society of Periodontology and Implantology (SIIdP)

National Association of Italian Dentists (ANDI)

Italian Dental Association (AIO)

Language skills

Italian (mother language)

English (spoken and written, Level B2 – Test: First Certificate in English)

German (spoken and written, Level B1 – Test: Zertifikat Deutsch)

Informatic skills

ECDL (European Computer Driving License)