

## CURRICULUM VITAE - Dr Elena Calciolari –



### PERSONAL DETAILS

Name: Elena Calciolari  
Qualifications: D.D.S., M.S. (Perio), Ph.D  
Date of birth: 29th April 1985  
Place of birth: Mantova, Italy  
Nationality: Italian

### Current academic appointment:

#### Address

**Associate Professor**  
**Dean Dental Hygiene Programme**  
Department of Medicine and Surgery  
Dental School  
Via Gramsci, 14  
University of Parma  
43126 Parma, Italy

#### E-mail:

[elena.calciolari@unipr.it](mailto:elena.calciolari@unipr.it)

#### Occupation field

Dentist  
Albo dei Medici e Odontoiatri di Parma (Italy): 651

#### Languages:

Italian (mother tongue)  
English (fluent)

### ACADEMIC QUALIFICATIONS

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**2010** **Doctor of Dental Science (D.D.S)**, School of Dentistry, University of Parma, Parma, Italy.

**2010 - 2012** **Master of Science Degree (M.S)** in Periodontology, University of Siena, Siena, Italy. Thesis title: “Biological principles and clinical applications of guided bone regeneration”. Supervisor: Professor Francesco Cairo

**2012 - 2016** **Ph.D in Periodontology**, Eastman Dental Institute, University College London (UCL), London, UK. Thesis title: “Intramembranous osseous healing and the effect of osteoporosis on the jawbones”. Primary supervisor: Professor Nikolaos Donos; secondary supervisor: Dr Nikos Mardas. [day of award 28<sup>th</sup> January 2017]

**National Scientific Accreditation** (“Abilitazione Scientifica Nazionale”) in Italy as Associate Professor [Valid from 19/09/2018 until 19/09/2024]

**National Scientific Accreditation** (“Abilitazione Scientifica Nazionale”) in Italy as Full Professor. [Valid from 31/05/2021 until 31/05/2032]

## ACADEMIC/PROFESSIONAL APPOINTMENTS

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### SUBSTANTIAL APPOINTMENTS

<b>2010 - 2012</b>	Resident dentist and clinical instructor at School of Dentistry, Department of Periodontology and Implant Dentistry, University of Parma, Parma, Italy
<b>Mar2015 - Mar2016</b>	<b>Clinical Research Fellow</b> (“Assegno di Ricerca”) at Department of Biomedical, Biotechnological and Translational Sciences, University of Parma, Italy. Research project: “The effects of osteoporosis on bone regeneration procedures and osseointegration”.
<b>Nov 2015 - Nov 2017</b>	<b>Clinical Research Fellow</b> , Centre for Oral Clinical Research, Institute of Dentistry, Barts and The London School of Medicine and Dentistry, Queen Mary University of London, London, UK
<b>2017-2018</b>	<b>Post-doc fellowship</b> at School of Dentistry, University of Parma, Parma, Italy for the project “Dental panoramic radiographs to screen for post-menopausal osteoporosis” sponsored by L’Oréal-UNESCO for women in science
<b>Dec 2017-Oct 2019</b>	<b>Clinical Lecturer in Periodontology</b> , Centre for Oral Clinical Research, Institute of Dentistry, Barts and The London School of Medicine and Dentistry, Queen Mary University of London, London, UK
<b>Nov 2019-Jul 2023</b>	<b>Senior Clinical Lecturer in Translational Dental Medicine</b> , Centre for Oral Clinical Research, Institute of Dentistry, Barts and The London School of Medicine and Dentistry, Queen Mary University of London, London, UK
<b>Dec 2019- Dec 2022</b>	<b>Researcher Type B (Senior Clinical Lecturer)</b> , University of Parma, Parma, Italy

### VISITING/HONORARY APPOINTMENTS

<b>2013 - 2015</b>	Visiting fellow at Biomedical Research Foundation Academy of Athens (BRFAA), Athens, Greece
<b>February- March 2017</b>	Visiting fellow at School of Dentistry and Oral Health, University of Griffith, Gold Campus, Australia
<b>Dec 2017- Dec 2019</b>	Visiting fellow at “Istituto Ortopedico Galeazzi”, Department of Biomedical, surgical and dental science. University of Milan, Milan, Italy

## SCHOLARSHIPS/FELLOWSHIPS/AWARDS

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<b>2009</b>	<b>Best Student Poster</b> , National Meeting of Dentistry Professors (Congresso Nazionale del Collegio dei Docenti universitari di discipline odontostomatologiche), Rome, Italy. Poster title: “Role of allelic variants of OPRM1 and COMT genes in periodontal nociception”
<b>2012</b>	<b>3-year scholarship</b> issued by the Italian Society of Periodontology (SidP) to support a PhD at UCL Eastman Dental Institute (Euros 30,000)
<b>2014</b>	<b>Goldman Award for Clinical Research</b> , Italian Society of Periodontology (Euros 2,000). Project: “Is it possible to intercept patients with reduced mineral density through qualitative and quantitative indices calculated on dental panoramic radiographs? A systematic review and meta-analysis” <u>Calciolari E</u> , Mardas N, Park JC, Aviva P, Donos N
<b>2014</b>	<b>John Zamet prize</b> offered in conjunction with Alpha Omega London Chapter and Charitable Trust (£ 1,000) (awarded on 20 <sup>th</sup> Jan 2015)
<b>2015</b>	<b>1-year scholarship</b> (“assegno di ricerca”) on osteoporosis and bone regeneration issued by the Department of Biomedical, Biotechnological and Translational Sciences, University of Parma, Italy (Euros 23,334)

2017	<b>L'Oréal UNESCO for women in science award</b> (L'Oréal Italia per le donne e la scienza 2016-2017) for the project "Dental panoramic radiographs to screen for post-menopausal osteoporosis" (Euros 20,000) (awarded 12 <sup>th</sup> Jun 2017)
2018	<b>IADR Women in Science Distinguished Research Award</b> for the paper "The effect of experimental osteoporosis on bone regeneration: part 2, proteomics results. Calciolari E, Mardas N, Dereka X, Anagnostopoulos AK, Tsangaris GT, Donos N. <i>Clin Oral Implants Res.</i> (2017) Sep 28(9): e135-e145". Awarded during 96 <sup>th</sup> IADR General Session & Exhibition, London, 25-28 July 2018 (USD 200)
2020	<b>Goldman Award for Clinical Research</b> , Italian Society of Periodontology (Euros 2,000). Project title: "The effect of a 2-mm inter-implant distance on esthetic outcomes in immediately non-occlusally loaded platform shifted implants in healed ridges: 12-month results of a randomized clinical trial". Rivara F, Lumetti S, Toffoli A, <u>Calciolari E</u> , Goldoni M, Parisi L, Macaluso GM. (Euros 2,000) <b>Honorable mention, poster section</b> , 27th National Meeting of Dentistry Professors (Congresso Nazionale del Collegio dei Docenti universitari di discipline odontostomatologiche), 30th-Sep-2020. Poster "The effect of socket preservation on the ideal implant positioning" Lumetti S, Manfredi E, Rivara F, Toffoli A, Parisi L, <u>Calciolari E</u> , Ghezzi B, Meglioli M, Macaluso GM <b>Honorable mention, poster section</b> , 27th National Meeting of Dentistry Professors (Congresso Nazionale del Collegio dei Docenti universitari di discipline odontostomatologiche), 30th-Sep-2020. Poster "Implant hydrophilicity controls plasma protein absorption at the interface, thus controlling the primary cellular response" Parisi L, Bianchi MG, Toffoli A, <u>Calciolari E</u> , Lumetti S, Manfredi E, Bussolati O, Macaluso GM
2021	Second position in the <b>IADR Joseph Lister Award</b> . Awarded during 99 <sup>th</sup> IADR General Session & Exhibition, 21-24 July (virtual meeting) (USD 3,000) <b>British Society of Oral Dental Research (BSODR) President prize</b> (GBP 1,000)
2023	<b>Honorable mention, poster section</b> , 30th National Meeting of Dentistry Professors (Congresso Nazionale del Collegio dei Docenti universitari di discipline odontostomatologiche), 20-22 Apr. Poster "The expression of inflammasomes in peri-implantitis" Brasile S, Naty G, Ghezzi B, Corradi D, Matera B, Calciolari E.

#### RESEARCH GRANTS/SUPPORT

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1. **June 2015: Young Researcher Grant** (Osteology Foundation). Degradation of a porcine collagen membrane in a pre-clinical model of guided bone regeneration (9 months). PI: Dr Elena Calciolari (CHF 19,696)
2. **June 2015: Osteology Education Grant** for the participation to the Osteology Research Academy Course in Lucerne on 14-18 September 2015 (CHF 2,500)
3. **September 2015: Travel Grant** for the participation to the 25th EAO Annual Scientific Congress, 24-26 September 2015, Stockholm, Sweden
4. **July 2016: Centre for Public Engagement Small Award** (£620.5)
5. **November 2016: Barts Charity Large Project Grant**. Facial wound healing using non invasive thermal and geometrical imaging (MGU0347) PI: Prof Nikoloas Donos, Co-I: Dr Lifong Zou, Dr Nikos Mardas, Dr Rinat Ezra, **Dr Elena Calciolari**, Dr Nikos Gkraniias (2 years) (£ 319,965)
6. **December 2017: American Academy of implant dentistry foundation (AAID)**. BONEDAMAT: bioactive printed substitute for bone regeneration - pre-clinical study PI: Prof Guido M Macaluso, Co-I: **Dr E Calciolari**, Prof Giovanni Passeri, Dr Michele Miragoli, Prof Antonio Cacchioli, Dr Ludovica Parisi, Dr Benedetta Ghezzi (\$20,000)

7. **February 2018: Osteology Advanced Research Grant.** Characterising angiogenesis during guided bone regeneration. PI: Dr Nikos Mardas, Co-I: Dr Reinhard Gruber, Professor Nikolaos Donos, **Dr Elena Calciolari** (CHF 80,000) **Project No. 17-064** (2 years)
8. **2018:** The Medical College of Saint Bartholomew's Hospital Trust. Awarded PhD studentship (£244,315.93). The effect of plasma rich in growth factors (PRGF) on the healing and dimensional preservation of the dental extraction socket. PI: N. Donos, Co.I: **E. Calciolari**, L. Zou, N. Mardas.
9. **July 2018: Osteology Large clinical trial** (Osteology Foundation). The treatment of infrabony defects with GTR and PRGF. A randomised, single-blind, parallel-group clinical trial. PI: Prof Nikolaos Donos, Co-I: **Dr Elena Calciolari**, Dr Nikos Mardas, Prof George Tsakos, Prof Matteo Goldoni (CHF 310,000; GBP 278, 546.97). **Project No. 17-009** (3 years)
10. **March 2019: Geistlich IIT** Dimensional soft tissue changes around implants following the use of a collagen matrix or connective tissue graft. A pilot study. **PI:** Prof Nikolaos Donos, Co-I: **Dr Elena Calciolari**, Dr Nikos Mardas (GBP 181,815.96) (2 years)
11. **June 2019: ITI Large Grant** The Searching for Novel Biomarkers for the Diagnosis of Peri-implant Diseases using Proteomic Approaches. PI: Prof Mauricio G Araújo, Co-I: Prof Nikolaos Donos, Prof Flavia M Matarazzo, Dr Jeniffer Perussolo, **Dr Elena Calciolari**, Dr Vanessa Sousa Moreno (USD 181,338.02) (3 years)
12. **July 2019: Young Researcher Grant** (Osteology Foundation). Connective tissue graft versus collagen matrix. A 3D digital soft tissue thickening analysis in mucogingival surgery. PI: Dr Federico Rivara, Co-I: **Dr Elena Calciolari**, Prof Guido M Macaluso (CHF 29,350) (2 years)
13. **March 2020: Osseointegration Foundation and Academy of Osseointegration research grant.** “Characterization of markers form saliva and peri-implant crevicular fluid in osteoporotic patients receiving a dental implant. An exploratory study”. **PI: Dr Elena Calciolari**, Co-I: Professor Nikolaos Donos (\$15,000; GBP 11, 538.46)
14. **Jan 2021: ITI small grant.** Expression of inflammasomes in peri-implantitis and periodontitis (1531\_2020). **PI: Dr Elena Calciolari**, Co-I: Professor Nikolaos Donos, Dr Eleni Hagi-Pavli, Dr Benedetta Ghezzi (Euro 27,879.50)
15. **Feb 2022: Osteology Advanced Research Grant.** “Effect of implant surface morphology on bone regeneration: A two-centre observational study” (21-038). PI: Professor Nikolaos Donos, Co-I: Dr Anina Zurcher, Prof Ronald Jung, Dr Jeniffer Perussolo, Dr Eleni Hagi-Pavli, **Dr Elena Calciolari** (CHF 99,138; GBP 80,146.32)
16. **April 2022 ITI large grant** “Influence of timing of implant placement on early healing molecular events: A two-centre clinical study” (1683-2022). PI: Professor Nikolaos Donos, Co-I: Prof Ronald Jung, Dr Jeniffer Perussolo, Dr Anina Zurcher, **Dr Elena Calciolari** (CHF 153,000; GBP 127,917.27)
17. **November 2022: Bando Feliciani-Ferretti** for a research scholarship (Euro 23.891,00) at Department of Medicine and Surgery, University of Parma
18. **Jun 2022: PNRR 2022-2025 Ecosistema per la transizione sostenibile in Emilia Romagna; SPOKE 1, Materials for sustainability and ecological transition.** WP4: Advanced materials and devices for health industry, diagnostics and therapeutics with a one-Health approach. Pi: M Miragoli, Co-I **Elena Calciolari** et al. (Euro 262,742; Award number 0001052)
19. **January 2023: Bando di Ateneo 2022 per la ricerca co-funded by MUR-Italian Ministry of Universities and Research - D.M. 737/2021 - PNR - PNRR – NextGenerationEU** (Euro 12,000) fort the project “Salivary and gingival crevicular fluid markers to predict treatment response in periodontitis patients” **PI: Prof Elena Calciolari**
20. **July 2023: Osteology Advanced Research Grant** “Characterizing the healing of periodontal supra-bony defects treated with hyaluronic acid and polynucleotides” (22-150) (CHF 99,983.97) **PI: Prof Elena Calciolari**; Co-I: Professor Nikolaos Donos, Dr Eleni Hagi-Pavli,
21. **Feb 2024: Osteology Advanced Research Grant** “Early healing dynamics and microbial changes following the use of a novel thermosensitive gel with Hyaluronic Acid and

Octenidine as an adjunct to nonsurgical periodontal treatment“ (CHF 99,821.01) PI: Dr Jeniffer Perussolo; Co-I: Professor Nikolaos Donos, **Dr Elena Calciolari**

22. **August 2024: Geistlich IIT** “The use of hyaluronic acid and polynucleotides in ridge preservation sites rehabilitated with a complete full digital workflow” (Euro 42,000)  
**PI: Prof Elena Calciolari**; Co-I: Dr Federico Rivara, Professor Carlo Galli, Professor Nikolaos Donos

## ACTIVITIES RELATED TO SCIENTIFIC SOCIETIES

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### CONSENSUS/WORKSHOP CONFERENCES

#### **European Federation of Periodontology**

- 2018 XV European Federation of Periodontology (EFP) and Osteology Foundation joint workshop in Periodontology Bone Regeneration. Segovia (Spain), 11-13 November 2018 [working group 2, Biomaterials and regenerative technologies]
- 2019 XVI European Federation of Periodontology (EFP) consensus conference. Evidence-based guidelines for Periodontal Therapy – periodontitis stage I-II-III. Segovia (Spain), 10-13 November 2019 [working group 1 – clinical guidelines for the treatment of periodontitis stage I and II]
- 2022 XVIII European Federation of Periodontology (EFP) consensus conference. Evidence-based guideline for peri-implant therapy. Segovia (Spain), 6-9 November 2022 [working group 4: management of peri-implantitis – surgical]
- 2023 XIX European Federation of Periodontology (EFP) consensus conference: “2nd European Workshop on Periodontal Education“. Segovia (Spain), 5-8 November 2023 [working group 2: postgraduate education]
- 2024 XX European Federation of Periodontology (EFP) consensus conference: “Periodontal diagnosis – From advances in technologies to the 2018 classification“, 10-13 November 2024 [working group 3: emerging approaches and technologies]
- 2025 XXI European Federation of Periodontology (EFP) consensus conference: “Clinical guideline for periodontal therapy: gingival diseases and acute periodontal conditions“, 9-12 November 2025

#### **Osteology Foundation**

- Closed meeting (Jan 2023) on “New technologies for ex-vivo approaches for oral tissue regeneration”, where new trends in regenerative research and alternatives to animal models were discussed.
- 2025 SEPA/AAP/OF Consensus Workshop: "New technologies in oral reconstructive medicine", Parador de Alcalá de Henares (Spain) 28-30 September 2025 [working group 3: Emerging technologies and personalized strategies]

#### **Association of Dental Implantology (ADI)**

- 2019 closed meeting (22-23 September) for the development of an online platform with evidence-based clinical recommendations for UK dentists

### **British Society of Periodontology (BSP)**

- 25-26 June 2020: Adolpment of the EFP S3 Level Clinical Practice guideline to UK oral healthcare professionals
- October-December 2022: Adolpment of the EFP S3 Level Clinical Practice guideline for the Treatment of stage IV periodontitis to UK oral healthcare professionals
- September-December 2023: Adolpment of the EFP S3 Level Clinical Practice guideline for prevention and treatment of peri-implant diseases

### **OSTEOLOGY FOUNDATION**

- **Chair** of Osteology Research Academy London (2024-)
- **Instructor and lecturer** at Osteology Research Academy- Research design and methodology, Lucerne Switzerland (5-7 Sept 2022)
- Development of the e-learning module “Preparing oral presentations – Dos and DONTs” for Osteology Research Academies
- Team member for the development of **Osteology Research Academy (ORA) 2.0** since March 2020
- Team member of **The Box team** for development and modernization of The Box platform (July 2021- Jan 2024).
- Team member of **NextGen team** since Feb 2024 and **team leader** since 2025
- **Team leader** for the **podcast series “The next Re-Generation”** since March 2022
- Team member of the **ORA Team** since Sept 2025
- **Team leader** for the Osteology case spotlight monthly series since 2026

### **POSITIONS/ MEMBERSHIPS IN SCIENTIFIC SOCIETIES/ASSOCIATIONS**

- **Secretary, Giunta di Parodontologia, Collegio dei Docenti Universitari di Discipline Odontostomatologiche** (2025-)
- **Officer, Scientific Affairs Committee, European Federation of Periodontology** (2025-2028)
- **Councilor, Women in Science Network** within International Association for Dental Research (IADR)(March 2024-)
- **Member of the Scientific Committee of Collegio dei Docenti Universitari di Discipline Odontostomatologiche** (2022-2024)
- **Committee member of the Regenerative Dentistry Research Group Committee, British Society for Oral and Dental Research (BSODR)** since June 2021
- **Osteology Expert Council Member (UK Division)** 2019-2025
- Member of Italian Society of Periodontology (SIdP), International Association of Dental Research (IADR), European Association of Osseointegration (EAO), American Academy of Periodontology (AAP)

### **PEER REVIEW ACTIVITIES**

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#### ACADEMIC ROLES

- **Institute of Dentistry (IoD within QMUL) research panel** since 2019 – to ensure compliance with the research governance framework by undertaking oversight of peer review for research projects proposed within the Institute.
- **BDS Admission Interviews at Queen Mary University of London** (2023, 2026)
- **Reviewer ad hoc for National Institute for Health Research (NIHR).**

#### SCIENTIFIC SOCIETIES

- **Abstract Reviewer for the IADR Women in Science Network** (2025-2026)
- **Chair of the IADR Young Investigator Award Committee** (2025-2026)

- **Member of the IADR Young Investigator Award Committee** (2023-2024-2025)
- **Member of the IADR Distinguished Scientist Awards Committee** (2024-2025)
- **Abstract reviewer** for Europerio11 (Vienna) (2025)
- **IADR Senior Colgate prize abstract reviewer** (2023-2024)
- **Scientific committee for abstract review** of the International Osteology Symposium (Barcelona, 27-29 April 2023)
- **Scientific committee for abstract review and member of the poster jury** of the 4<sup>th</sup> International symposium on soft tissue management around teeth and implants (Florence, 26-27 May 2023)
- **Abstract Reviewer for the Pathogenesis section of the IADR Periodontal Research Group (PRG)** [2020-2023]

PhD/Master EXAMINER

- **External examiner** for a **Master's Degree** in Odontology at Karolinska Institutet (Student: Tina Teymourian; Project: Triggering receptor expressed on myeloid cells 1 (TREM-1) signaling pathway – exploring the linkage between cardiovascular and periodontal disease) [May 2021]
- **External examiner** for a **PhD** in Clinical Research at Università degli studi di Milano (Student: Benedetta Morandi; Project: Different techniques for dental implants site preparation: a controlled clinical trial) [Nov 2023]
- **External examiner** for a **Master's Degree** in Odontology at Karolinska Institutet (Student: Zakaria Yehia; Project: Efficacy of periodontal prevention and treatment modalities in Down syndrome patients: a systematic review and meta-analysis) [May 2024]

SCIENTIFIC JOURNALS

- **Member of the Editorial Board of Journal of Periodontology** (Sep 2023-Dec 2026)
- **Member of the Editorial Board of Journal of Clinical Periodontology** (Oct 2023-)
- **Member of the Editorial Board of Journal of Periodontal Research** (Jan 2024-Dec 2026)
- **Associate Editor of “Frontier in Oral Health - Oral Infections and Microbes”** since 2022 and **Guest Editor** for the research topic “Systematic and Scoping Reviews in Oral Biology and Microbiology” (2023)
- **Review Editor** within the editorial Board of Periodontics, Frontiers in Dentistry and **Guest Associate Editor** for the research topic “Inflammatory modulation in periodontal disease” (2021)
- **Review Editor** within the editorial Board of Biomechanics, Frontiers in Bioengineering and Biotechnology
- **Reviewer ad hoc in scientific journals:** Acta Biomaterialia, Biomaterials, British Dental Journal, Journal of Orthopaedic Surgery and Research, Gerodontology, Histology and Histopathology, Journal of Investigative Surgery, Nutrients, Clinical Oral Implants Research, Journal of Dental Research, Journal of Proteomics, Journal of Investigative and Clinical Dentistry, Archives of Oral Biology, Journal of Oral Science, Frontiers Dentistry, Clinical and experimental dental research, Journal of periodontal Research, Oral and Maxillofacial surgery, International Journal of Dental Hygiene, Periodontology 2000, International Journal of Periodontics and Restorative Dentistry, BMC Oral Health, International Journal of Dental Hygiene

## ACADEMIC SUPERVISION

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### PhD students

- 2018- 2<sup>nd</sup> **supervisor:** “The effect of plasma rich in growth factors (PRGF) on dental hard and soft tissue regeneration: implications for alveolar ridge preservation and implant dentistry”, Centre for oral Clinical Research, QMUL. [Dr Ahmed Naji]
- 2021- 2024 2<sup>nd</sup> **supervisor:** “Soft tissue healing around dental implants following the use of a collagen matrix or a connective tissue graft. A pilot study” [Dr Yon Jun Yu] **Awarded**

- 2023- 1<sup>st</sup> **supervisor** “riming of periodontal re-evaluation after non-surgical periodontal therapy”, University of Parma [Dr Sara Rossetti]

### **DCLinDent (Doctor of Clinical Dentistry) in Periodontology and other post-graduate Masters**

- 2017 **Tutor** for “Guided bone regeneration technique in rat critical-size calvarial defect”. MS degree in Biotechnology at University of Parma - Dr Giorgia Borciani – **Awarded**
- 2017-2020 **Secondary Supervisor** for “3D geometrical peri-implant facial changes in post-menopausal osteoporotic women”; DCLinDent thesis, QMUL [Dr Rajvi Patel] – **Awarded**
- 2017-2020 **Primary Supervisor** for “Radiographic alveolar bone changes of infrabony defects treated with non-surgical debridement, open-flap debridement or resective surgery. A randomised controlled clinical trial”; DCLinDent thesis, QMUL [Dr Mehul Patel] – **Awarded**
- 2018- 2021 **Secondary Supervisor** for “GCF analysis following surgical and non-surgical periodontal treatment”; DCLinDent thesis, QMUL [Dr Farhana Nazir Shoro] – **Awarded**

### **Other mentoring activities**

I am interested in promoting the personal and professional development of women in academia. After winning the L’Oréal-UNESCO women in science award (2017), I was invited to partake in an event organized by the association “Women and Science” in Rome to discuss the challenges and barriers for women in academia and raise awareness in the public. My expertise has been recognised internationally by the IADR Women in Science Network (WISN) group, who showcased me in their WISN newsletter. I am also a member of this group. In 2022 I recorded a podcast with two female colleagues on the challenges and opportunities for women in academia, which was released on the Osteology Foundation website and promoted worldwide through their newsletter and media.

## **EDUCATIONAL/TEACHING ROLES AND ACTIVITIES**

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### **UNDERGRADUATE TEACHING**

- **University of Parma**

Academic Year 2019-2020

- Parodontologia (1003072) [corso integrato discipline odontostomatologiche II], TAF-F - 6 CFU
- Parodontologia 1 (1006800) [corso integrato parodontologia e odontoiatria conservativa], TAF-B – 4 CFU
- Parodontologia 1 (1006803) [corso integrato parodontologia e odontoiatria conservativa], TAF-F – 2 CFU

Academic Year 2020-2021

- Parodontologia (1003072) [corso integrato discipline odontostomatologiche II], TAF-F - 6 CFU
- Parodontologia 1 (1006800) [corso integrato parodontologia e odontoiatria conservativa], TAF-B – 4 CFU
- Parodontologia 1 (1006803) [corso integrato parodontologia e odontoiatria conservativa], TAF-F – 2 CFU
- Parodontologia 3 (1006805) [corso integrato di implantologia], TAF-F – 2 CFU

Academic Year 2021-2022

- Parodontologia 1 (1006800) [corso integrato parodontologia e odontoiatria conservativa], TAF-B – 4 CFU -
- Parodontologia 1 (1006803) [corso integrato parodontologia e odontoiatria conservativa], TAF-F – 2 CFU -
- Parodontologia 4 (1006806) [corso integrato discipline odontostomatologiche II], TAF-F – 6 CFU
- Igiene Dentale (24784) [corso integrato principi di odontoiatria], TAF-B – 4 CFU
- Igiene Dentale (1004276) [corso integrato principi di odontoiatria], TAF-F – 1 CFU
- Responsible of the course “corso integrato in Parodontologia e Odontoiatria Conservativa” (1007861), 12 CFU

- Responsible of the elective class “Approfondimenti in igiene orale” (1007792), TAF-B – 1 CFU
- Responsible of the elective class “Approfondimenti in Parodontologia” (1007784), TAF-B – 1 CFU

#### Academic Year 2022-2023

- Parodontologia 1 (1006800) [corso integrato parodontologia e odontoiatria conservativa], TAF-B – 4 CFU -
- Parodontologia 1 (1006803) [corso integrato parodontologia e odontoiatria conservativa], TAF-F – 2 CFU -
- Parodontologia 4 (1006806) [corso integrato discipline odontostomatologiche II], TAF-F – 6 CFU
- Igiene Dentale (24784) [corso integrato principi di odontoiatria], TAF-B – 4 CFU
- Igiene Dentale (1004276) [corso integrato principi di odontoiatria], TAF-F – 1 CFU
- Responsible of the course “corso integrato in Parodontologia e Odontoiatria Conservativa” (1007861), 12 CFU
- Responsible of the elective class “Approfondimenti in igiene orale” (1007792), TAF-B – 1 CFU
- Responsible of the elective class “Approfondimenti in Parodontologia” (1007784), TAF-B – 1 CFU

#### Academic Year 2023-2024

- Parodontologia 1 (1006800) [corso integrato parodontologia e odontoiatria conservativa], TAF-B – 4 CFU
- Parodontologia 1 (1006803) [corso integrato parodontologia e odontoiatria conservativa], TAF-F – 2 CFU
- Parodontologia 4 (1006806) [corso integrato discipline odontostomatologiche II], TAF-F – 6 CFU
- Parodontologia 2 (1007768), TAF-B – 1 CFU
- Parodontologia, Implantologia (1011581), TAF-F – 3 CFU
- Parodontologia, implantologia (1011580), TPV TAF-F – 6 CFU
- Igiene Dentale (1009917) [corso integrato principi di odontoiatria], TAF-B – 4 CFU
- Igiene Dentale (1009918) [corso integrato principi di odontoiatria], TAF-F – 1 CFU
- Responsible of the course “corso integrato in Parodontologia e Odontoiatria Conservativa” (1007861), 12 CFU
- Responsible of the elective class “Approfondimenti in igiene orale” (1007792), TAF-B – 1 CFU
- Responsible of the elective class “Approfondimenti in Parodontologia” (1007784), TAF-B – 1 CFU

#### Academic Year 2024-2025

##### Corso di odontoiatria e protesi dentaria

- Igiene Dentale (1009917) [corso integrato principi di odontoiatria], TAF-B – 4 CFU
- Igiene Dentale (1009918) [corso integrato principi di odontoiatria], TAF-F – 1 CFU
- Parodontologia (16426), TAF-B – 4 CFU
- Tirocinio di parodontologia (1004302), TAF-F – 2 CFU
- Parodontologia, Implantologia (1011581), TAF-F – 3 CFU
- Parodontologia, implantologia (1011580), TPV TAF-F – 6 CFU
- Parodontologia 1 (1009956), TAF-B – 5 CFU
- Parodontologia 1 tirocinio, TAF-F – 3 CFU
- Responsible of the elective class “Approfondimenti in igiene orale” (1007792), TAF-B – 1 CFU
- Responsible of the elective class “Approfondimenti in Parodontologia” (1007784), TAF-B – 1 CFU
- Responsible of the integrated course Parodontologia Medica (1009955), 8 CFU

##### Corso di dental hygiene

- Periodontology and implantology 1 (1010527), TAF-B – 4 CFU

### Corso di Medicine and Surgery

- Evidence-based medicine: from systematic reviews to A.I. for the analysis of the bibliome (competenze trasversali), 1 CFU

Academic Year 2025-2026

### Corso di odontoiatria e protesi dentaria

- Igiene Dentale (1009917) [corso integrato principi di odontoiatria], TAF-B – 4 CFU
- Igiene Dentale (1009918) [corso integrato principi di odontoiatria], TAF-F – 1 CFU
- Parodontologia (16426), TAF-B – 4 CFU
- Tirocinio di parodontologia (1004302), TAF-F – 2 CFU
- Parodontologia, Implantologia (1011581), TAF-F – 3 CFU
- Parodontologia, implantologia (1011580), TPV TAF-F – 6 CFU
- Parodontologia 1 (1009956), TAF-B – 5 CFU
- Parodontologia 1 tirocinio, TAF-F – 3 CFU
- Parodontologia 2 (1009971), TAF-B – 4 CFU
- Responsible of the elective class “Approfondimenti in igiene orale” (1007792), TAF-B – 1 CFU
- Responsible of the elective class “Approfondimenti in Parodontologia” (1007784), TAF-B – 1 CFU
- Responsible of the integrated course Parodontologia Medica (1009955), 8 CFU

### Corso di dental hygiene

- Periodontology and implantology 1 (1010527), TAF-B – 4 CFU
- Periodontology and implantology 2 (1010542), TAF-B – 4CFU

### Corso di Medicine and Surgery

- Evidence-based medicine: from systematic reviews to A.I. for the analysis of the bibliome (competenze trasversali), 1 CFU

## **POST-GRADUATE TEACHING**

- Delivery of lectures and seminars at **Master in Periodontology and Implant Dentistry** at School of Dentistry, Department of Medicine and Dentistry, University of Parma on periodontal and peri-implant anatomy, etiopathogenesis and immune aspects of periodontitis, wound healing, guided tissue regeneration, guided bone regeneration, perio-medicine (2014-2020)
- Delivery of lectures/seminars for **DClinDent and MSc in Periodontology** at Institute of Dentistry, School of Medicine and Dentistry, Queen Mary University of London: (2017-)
  - Pre-clinical models of periodontal and bone regeneration (2019-)
  - Biomaterials for bone regeneration (2019-)
  - Host modulators in the treatment of periodontitis (2019-)
  - Use of salivary and GCF markers for diagnostic and prognostic purposes (2019-)
  - Risk assessment and calibration for clinical research (2020-)
  - How to interpret systematic reviews (2019-)
  - Pathogenesis of periodontal diseases. Focus on inflammation (2020-)
  - Supportive periodontal therapy (2020-)
  - EFP S3 level treatment guideline for the treatment of stage I, II, III periodontitis (2020-)
- **Invited lecturer at:**
  - **Master Primo Livello** in "Trattamento Parodontale non Chirurgico", Istituto Stomatologico Toscano, Unicamillus International Medical University in Rome (2022, 2023)

- **EFP-accredited Postgraduate Programme in Periodontology**, Universidad Internacional de Cataluna, Barcelona (2023)
- **Postgraduate Programme in Periodontology**, Oporto University, Oporto, Portugal (2023, 2025)
- **MSc in Periodontology**, University of Bristol, Bristol, UK (2023; 2025)
- **Master in Implantology and Oral Surgery**, Istituto Stomatologico Toscano, Unicamillus International Medical University in Rome (2023, 2024)
- **Postgraduate Programme in Periodontology**, Université Catholique de Louvain | UCLouvain, Brussels (2023)
- **Essentials in Implantology**, Mantova, Italy (2021-2022, 2023, 2024, 2025)

#### **MEMBER OF PHD COMMISSION BOARDS and other University-based commissions/boards**

- Member of “collegio docenti del dottorato in MEDICINA MOLECOLARE (ciclo XXXVI, XXVII, XXVIII)” 2020-2021; 2021-2022; 2022-2023; 2023-2024; 2024-2025 at University of Parma
- Referent for Internationalization for Dentistry Degree, University of Parma since 2022 and for Dental Hygiene Degree since 2024
- Referent for Quality Control for DDS (RAQ) at University of Parma 2022-2023

#### **ORGANIZATION OF CONGRESSES/COURSES and activity of moderation/chair in conferences**

- **Chair** of the oral session “Bone regeneration and wound healing”, IADR/AADR/CADR 93<sup>rd</sup> General Session & Exhibition, 12<sup>th</sup> March 2015, Boston, US
- **Coordinator** of the course “Two challenges for modern dentistry: peri-implantitis and soft tissue management” sponsored by Geistlich Biomaterials. Parma, 01 March 2019
- **Organisation of focus groups and PPI activities** supported by the Centre for Public Engagement, QMUL (2017-)
- **Poster session Chair** for the session “Pathogenesis VII: Modifying Factors & Comorbidities”, 14<sup>th</sup> July 2021, 99<sup>th</sup> IADR/AADR/CADR General Session.
- **Poster session Chair** for the session in Periodontology, 28th National Meeting of Dentistry Professors (Congresso Nazionale del Collegio dei Docenti universitari di discipline odontostomatologiche), 2<sup>nd</sup> April 2021.
- **Organizer and Chair** of a Symposium on “Host modulators: a paradigm shift in periodontitis treatment” at the 100th IADR/APR General Session and Exhibition (Virtual experience), sponsored by the Periodontology Research Group and the Microbiology/Immunology Group, 20-25 June 2022
- **Member of the local organising committee** for the British Society of Oral and Dental Research (BSODR) 2023 meeting
- **Chair** of the round table “Clinical research: what can possibly go wrong?” at the Research Networking Day at the International Osteology Symposium, 27-29 April 2023
- **Chair** of the for the session “Modern dentistry between advanced technologies and humanization” at the 30th National Meeting of Dentistry Professors (Congresso Nazionale del Collegio dei Docenti universitari di discipline odontostomatologiche), (20-22 Apr 2023).
- **Chair** of the oral session “Update on salivary gland inflammation” at the IADR/APR 101st General Session and Exhibition, Bogotá, Colombia, 21-24 June 2023.
- **Co-Chair of Osteology Research Academy London**, organized by Osteology Foundation at the Centre for Oral Clinical Research, QMUL since 2024
- **Chair** of the session “Mastering periodontal surgery: from healing mechanisms to long-term outcomes and risk of complications” at EuroPerio 11, Vienna, Austria (14-17 May 2025)
- **Chair** Oral Research Session at EuroPerio 11, Vienna, Austria (14-17 May 2025)

- **Chair** of the session “Emerging prosthetic complications with respect to timing” at EAO-SFPIO, Monaco, Montecarlo (18-20 Sept 2025)

#### **LICENCE FOR PRECLINICAL PROJECTS**

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- 2014- Personal licence for scientific procedures in animals in UK

#### **INVITED INTERNATIONAL/NATIONAL KEYNOTE LECTURES**

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| 2014  | “The effect of osteoporosis on bone regeneration” - Alpha Omega London Chapter and Charitable Trust, London, UK  |
| 2017  | <p>“New perspectives in guided bone regeneration” - XIV International Symposium of University Professors, Roma (22nd-24th June)</p> <p>“Dysregulation of the inflammatory process and pathogenesis of periodontitis. Chemical control of oral inflammation” - Italian Association of Dental Hygienists (AIDI), Bologna, Italy (28th October)</p>   |
| 2018  | <p>“My post-graduate research experience” - 25th National Meeting of Dentistry Professors (25° Congresso Nazionale del Collegio dei Docenti Universitari di discipline Odontostomatologiche) (12th April)</p> <p>“Animal research in the dental field” - 25th National Meeting of Dentistry Professors (25° Congresso Nazionale del Collegio dei Docenti Universitari di discipline Odontostomatologiche) (12th April)</p>   |
| 2019  | <p>“Mapping synapses: research and career paths in medicine and dentistry” - Graduate Festival. Queen Mary University of London (19th February)</p> <p>“Osteoporosis and oral health” - London Osteoporosis Support Group (within Royal Osteoporosis Society) (28<sup>th</sup> November)</p>   |
| 2020- | “The effect of osteoporosis on the jawbones and on bone regeneration” - Karolinska Institutet, Vetenskapsteori course  |
| 2021  | <p>“The effect of osteoporosis on osseointegration and bone regeneration” - 3th annual Meeting “Game changers” of the Academy of Osseointegration (AO), Orlando, Florida, US (11-13 March)</p> <p>“Instrumentation and adjunctive therapies” - 20<sup>th</sup> International Conference of the Italian Society of Periodontology. New guidelines in periodontology: impact in the treatment of stage I-III periodontitis patients. Rimini (23-25 Sep)</p> <p>“The effect of osteoporosis on bone regeneration” - MINTIG Symposium, British Society of Dental Research, Birmingham (01-03 September)</p> <p>“The effect of osteoporosis on the jawbones and on bone regeneration” - President Prize, British Society of Dental Research, Birmingham (01-03 September)</p> |
| 2022  | “Periodontal management of the patient affected by osteoporosis and bone metabolic diseases” - 65 Corso Fondazione Castagnola “2022 lo stato dell’arte in odontoiatria” (Montecatini Terme; 25-26 March)   |

- “The effect of osteoporosis on the jawbones and on bone regeneration”, seminar in translational dental medicine, Birmingham Dental School (12 July)
- “The use of host modulators in the treatment of periodontitis” Master Primo Livello in "Trattamento Parodontale non Chirurgico", Istituto Stomatologico Toscano, Unicamillus International Medical University in Rome (11 Nov)
- 2023 “The effect of osteoporosis on the jawbones and on bone regeneration” – EFP-accredited Postgraduate Programme in Periodontology, Universidad Internacional de Cataluna, Barcelona (3<sup>rd</sup> Feb)
- “Biological principles of Guided Bone Regeneration and effect of osteoporosis on the oral cavity” – Postgraduate Programme in Periodontology, Oporto University (25<sup>th</sup> Feb)
- “Clinical management of the osteoporotic patient” – National Osteology Group Italy, Osteology Foundation [online webinar] (18<sup>th</sup> May)
- “Presentation of SEPA/DGI/OF Workshop guidelines through clinical examples” – National Osteology Group UK, Osteology Foundation [online webinar] (24<sup>th</sup> May)
- “Bone physiology and the effect of osteoporosis on the oral cavity” – MSc in Periodontology, University of Bristol (8<sup>th</sup> June)
- “Treatment of stage IV periodontitis patients with terminal dentition. Implant-supported vs. tooth-supported full-arch rehabilitations”- 101<sup>st</sup> IADR General Session & Exhibition, Bogotá, Colombia (21-25 June)
- “Clinical management of the osteoporotic patient” – Master in Implantology and Oral Surgery, Istituto Stomatologico Toscano, Unicamillus International Medical University in Rome (25<sup>th</sup> Sept)
- “Chronic diseases: Immunosuppression” - European Association for Osseointegration and the Deutsche Gesellschaft für Implantologie (German Association of Oral Implantology) joint meeting, Berlin (28-30 Sept)
- “The use of host modulators in the treatment of periodontitis”- Master Primo Livello in "Trattamento Parodontale non Chirurgico", Istituto Stomatologico Toscano, Unicamillus International Medical University in Rome (6th Oct)
- “S3-level treatment guideline for the management of peri-implant diseases” – British Society of Periodontology (BSP), Birmingham (11-13 Oct)
- “Essere parodontologo” – Annual meeting of the Italian Society of Periodontology (SidP) [within SidP young] (20-21 Oct)
- “Clinical management of the osteoporotic patient” – Postgraduate Programme in Periodontology, Université Catholique de Louvain | UCLouvain, Brussels (01 Dec)
- “Guided Tissue Regeneration- new perspectives” – Annual conference of the Belgian Society of Periodontology, Brussels (02 Dec)

- “Dental implants in osteoporotic patients”. Queen Mary University of London and Manipal College of Dental Sciences (19<sup>th</sup> Dec) joint symposium
- 2024 “Search and consultation of scientific articles in dentistry” – Associazione Italiana Odontoiatri (AIO), Associazione Nazionale Dentisti Italiani & University of Ferrara joint programme, Ferrara, Italy (1<sup>st</sup> March)
- “Xenograft, allograft, is there anything else?” - Osteology Foundation Session, Annual Meeting of SEPA Foundation, Bilbao, Spain (29 May- 01 June)
- “Il paziente fragile in terapia farmacologica: quando mi devo preoccupare?” ITI Section Meeting, Padova, Italy (20-21 Sept)
- “The clinical management of osteoporotic patients” - 42<sup>nd</sup> Panhellenic Dental Congress, Iliia, Greece (17-19 Oct)
- 2025 “Bone physiology and the effect of osteoporosis on the oral cavity” – MSc in Periodontology, University of Bristol (23<sup>rd</sup> Jan)
- “Probiotici e modulatori della risposta dell’ospite nel trattamento della malattia parodontale” - 12<sup>th</sup> Congress of Istituto Stomatologico Toscano, Viareggio, Italy (24-25 Jan)
- “Il paziente fragile in chirurgia parodontale e implantare.” ITI study club day, Bologna, Italy (8<sup>th</sup> Feb)
- “New technologies in the treatment of periodontal lesions”, Joint Meeting SidP & Osteology Foundation, Firenze (25-25 Oct)
- 2026 “Dental implants in osteoporotic patients. How to optimize treatment outcomes” University of Salford, ICE postgraduate institute (24<sup>th</sup> Jan)
- “Periodontal regeneration: treatment of an intrabony defect” – practical workshop International Osteology Symposium, Vienna, Austria (23-25 April)
- “Optimising flaps and biomaterials selection in periodontal regeneration”, International Osteology Symposium, Vienna, Austria (23-25 April)
- “Past, present and future of periodontal regeneration”, XLIV National Meeting, 36<sup>rd</sup> International Congress, Asociación Mexicana de Periodontología, Colegio de Periodoncistas A.C., Morelia, Mexico (14-16 Oct)
- “Optimizing implant treatment with the use of biologics”, Osstem Europe Meeting 2026, Prague, Czech Republic (13-14 Nov)

#### ORAL PRESENTATIONS AT INTERNATIONAL/NATIONAL SCIENTIFIC MEETINGS

- **XV International Annual Meeting of the Italian Society of Periodontology, 14-15 March 2014, Rimini, Italy.** The accuracy of panoramic morphometric indices in detecting osteoporosis. A systematic review and meta-analysis. Calciolari E, Mardas N, Park JC, Petrie A, Donos N (Goldman Award for Clinical Research).

- **IADR/AADR/CADR 93th General Session & Exhibition, 11-14 March 2015, Boston, Massachusetts.** Bone regeneration in osteoporotic and healthy conditions: a histological analysis. [Calciolari E](#), Mardas N, Dereka X, Tsangaris G, Lelovas P, Kostomitsopoulos N, Petrie A, Donos N.
- **25th European Association for Osseointegration (EAO) Annual Scientific Congress, 24-26 September 2015, Stockholm, Sweden.** Histology analysis and proteomics expression in early and late periods of bone regeneration in healthy and osteoporotic-like conditions. [Calciolari E](#), Mardas N, Dereka X, Anagnostopoulos AK, Tsangaris G, Lelovas P, Kostomitsopoulos N, Petrie A, Donos N. [Basic research competition]
- **British Society of Periodontology, Spring Conference 2016, 7-9 April, Oxford, UK** Protein expression during early stages of bone regeneration under hydrophilic and hydrophobic titanium domes. [Calciolari E](#), Mardas N, Dereka X, Anagnostopoulos AK, Tsangaris G, Donos N. [Finalist at the Sir Wilfred Fish Research Competition]
- **IADR/AADR/CADR 94th General Session & Exhibition, 22-25 June 2016, Seoul, South Korea.** Protein expression during early stages of bone regeneration under hydrophilic and hydrophobic titanium domes. [Calciolari E](#), Mardas N, Dereka X, Anagnostopoulos AK, Tsangaris G, Donos N.
- **XVIII International Annual Meeting of the Italian Society of Periodontology, 16-18 March 2017, Rimini, Italy** "Innovative super-hydrophilic titanium selectively promotes fibronectin adsorption and osteoblasts adhesion and proliferation". Toffoli A, Parisi L, Bianchi M, Rivara F, Lumetti S, [Calciolari E](#), Manfredi E, Galli C, Macaluso M (within Goldman Award for Clinical Research)
- **IADR/AADR/CADR 95th General Session & Exhibition, 22-25 March 2017, San Francisco, California.** Degradation of a porcine collagen membrane in an *in vivo* model of guided bone regeneration. [Calciolari E](#), Ravanetti F, Strange AP, Mardas N, Bozec L, Cacchioli A, Donos N.
- **XVIII International Annual Meeting of the Italian Society of Periodontology, 16-18 March 2017, Rimini, Italy.** Innovative super-hydrophilic titanium selectively promotes fibronectin adsorption and osteoblasts adhesion and proliferation. Toffoli A, Parisi L, Bianchi M, Rivara F, Lumetti S, [Calciolari E](#), Manfredi E, Galli C, Macaluso M.
- **9<sup>th</sup> Conference of the European Federation of Periodontology (EuroPerio9), Amsterdam, Netherlands, June 20-23 2018.** Aptamer-enriched hydrogels enhance new bone deposition in rat periodontal defects. Parisi L, Rivara F, Costa CA, Galli C, Lumetti S, Manfredi E, Toffoli A, Ghezzi B, [Calciolari E](#), Ghiacci G, Palioto DB, Macaluso GM.
- **XXI National Annual Meeting of the Italian Society of Periodontology, 02-03 Oct 2020 (Digital)** "The effect of 2 mm inter-implant distance on esthetic outcomes in immediately non-occlusally loaded platform shifted implants in healed ridges: 12-month results of a randomized clinical trial. Rivara F, Lumetti S, Toffoli A, [Calciolari E](#), Goldoni M, Parisi L, Macaluso GM (within Goldman Award for Clinical Research)
- **IADR/AADR/CADR 99th General Session & Exhibition (Virtual experience), 21-24 July 2021** Dental panoramic indices to screen for post-menopausal osteoporosis. [Calciolari E](#), Rivara F, Goldoni M, Donos N, Macaluso GM, Passeri G. (Joseph Lister award competition)
- **IADR/APR 100<sup>th</sup> General Session and Exhibition (Virtual experience), 20-25 June 2022** "The S3-level EFP treatment guideline in relation to the use of host modulators and future perspectives" within they symposium "Host modulators: a paradigm shift in periodontitis treatment"
- **IADR/APR 100<sup>th</sup> General Session and Exhibition, 20-25 June 2022 (Virtual experience)** In Vitro Assessment of Factors Affecting Intra-oral Dental Thermography. Naji A, [Calciolari E](#), Mardas N, Donos N
- **29<sup>th</sup> European Association for Osseointegration (EAO), Geneva, Switzerland, 29Sep-10Oct 2022.** Steel vs. Peek sleeves for guided implant dentistry: an in-vitro accuracy comparative analysis. Rivara F, Lumetti S, [Calciolari E](#), Macaluso GM.

- **IADR/APR 101<sup>st</sup> General Session and Exhibition, Bogotá, Colombia, 21-24 June 2023.**  
“Characterization of the extracellular vesicle and exosome proteome from the saliva of post-menopausal osteoporotic women receiving a dental implant.” Calciolari E, Flores F, Ghezzi B, Hagi-Pavli E, Donos N.

#### **DISCUSSED POSTERS/POSTERS**

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- An experimental periodontal pain model. Calciolari E, Lumetti S, Manfredi E, Mauro G, Macaluso GM. National Meeting of Dentistry Professors (Congresso Nazionale Collegio dei Docenti universitari di discipline odontostomatologiche), Rome, Italy (2009)
- Role of allelic variants of OPRM1 and COMT genes in periodontal nociception. Calciolari E, Lumetti S, Manfredi E, Mauro G, Macaluso GM. National Meeting of Dentistry Professors (Congresso Nazionale Collegio dei Docenti universitari di discipline odontostomatologiche), Rome, Italy (2009) [Best Student Poster]
- Genetic influences in an experimental orthodontic pain model. Mauro G, Calciolari E, Manfredi E, Macaluso GM. 35th Scientific Meeting of the American Academy of Orofacial Pain (AAOP), Las Vegas, Nevada (2011)
- Qualitative and quantitative analysis of an experimental orthodontic pain model. Mauro G, Calciolari E, Lumetti S, Manfredi E, Macaluso GM. 35th Scientific Meeting of the American Academy of Orofacial Pain (AAOP), Las Vegas, Nevada (2011)
- Is jaw bone mineral density related to skeletal bone mineral density in osteoporotic subjects? Calciolari E, Donos N, Park JC, Petrie A, Mardas N. National Osteoporosis Society (NOS) Conference, Birmingham, UK (30th Nov-2nd Dec 2014)
- Proteomics expression in early and later stages of bone regeneration in healthy and osteoporotic-like conditions. Calciolari E, Mardas N, Dereka X, Anagnostopoulos AK, Papadopoulou A, Lelovas P, Kostomitsopoulos N, Donos N, Tsangaris G. 9th Annual Congress of European Proteomics Association (Eupa) in conjunction with Itpa, Milan, Italy (23-28 July 2015)
- Proteomics expression in healthy and osteoporotic conditions during bone regeneration. Calciolari E, Mardas N, Dereka X, Tsangaris G, Lelovas P, Kostomitsopoulos N, Donos N. IADR/AADR/CADR 93th General Session & Exhibition, Boston, Massachusetts (11-14 March 2015)
- Proteomics expression in healthy and osteoporotic-like conditions during early and late stages of guided bone regeneration (GBR). Calciolari E, Mardas N, Dereka X, Anagnostopoulos AK, Lelovas P, Kostomitsopoulos N, Tsangaris G, Donos N. 8th Conference of the European Federation of Periodontology (EuroPerio8), London, UK (3-6 June 2015)
- In vivo model of guided bone regeneration in rat critical size defect with a porcine collagen membrane and a bovine bone mineral graft. Ravanetti F, Calciolari E, Borciani G, Strange A, Mardas N, Bozec L, Cacchioli A, Donos N. Convegno Nazionale Biomateriali – SIB, Milan (24-26 May 2017)
- Pro-osteogenic properties of hydrophilic and hydrophobic titanium surfaces. Crosstalk between signalling pathways in in vivo models. Calciolari E, Hamlet S, Ivanovski S, Donos N. 9<sup>th</sup> Conference of the European Federation of Periodontology (EuroPerio9), Amsterdam, Netherlands (June 20-23 2018)
- Osseointegration in osteoporotic-like condition. Dereka X, Calciolari E, Mardas N, Donos N. A systematic review of animal studies. 9<sup>th</sup> Conference of the European Federation of Periodontology (EuroPerio9), Amsterdam, Netherlands (June 20-23 2018)
- Reduced inter-implant distance effects on hard and soft tissues in a platform switching system: 12-months preliminary results of a RCT. Rivara F, Lumetti S, Calciolari E, Toffoli A, Manfredi E, Ghiacci G, Parisi L, Ghezzi B, Macaluso GM. 9<sup>th</sup> Conference of the European Federation of Periodontology (EuroPerio9), Amsterdam, Netherlands (June 20-23 2018)

- Clinical and Proteomic Outcomes After Different Surgical Modalities in the Treatment of Chronic Periodontitis. A Randomised Clinical Trial. Vavalekas, M, Calciolari E, Anagnostopoulos A, Tsangaris G, Mardas N, Donos N. IADR 96th General Session & Exhibition, London, UK (25-28 July 2018)
- Immediate provisionalization of bone level implants with a hydrophilic surface. A single-blind, randomized clinical trial. Donos N, Horvath A, Calciolari E, Mardas N. 3<sup>rd</sup> International Symposium. Soft tissue management around teeth and implants. Firenze, Italy (7-8 February 2020)
- Impact of alveolar ridge preservation on optimal placement, Lumetti S, Manfredi E, Rivara F, Toffoli A, Parisi L, Calciolari E, Ghezzi B, Meglioli M, Macaluso GM. 27th National Meeting of Dentistry Professors (Congresso Nazionale del Collegio dei Docenti universitari di discipline odontostomatologiche) (22-24 Apr 2021).
- Hydrophilicity of titanium dental implants controls blood plasma proteins adsorption modulating early cell response. Parisi L, Ghezzi B, Bianchi MG, Toffoli A, Calciolari E, Lumetti S, Manfredi E, Bussolati O, Macaluso GM. 27th National Meeting of Dentistry Professors (Congresso Nazionale del Collegio dei Docenti universitari di discipline odontostomatologiche) (22-24 Apr 2021).
- Mandibular cortical width to screen for post-menopausal osteoporosis. Rossetti S, Rivara F, Goldoni M, Macaluso GM, Passeri G, Calciolari E. 27th National Meeting of Dentistry Professors (Congresso Nazionale del Collegio dei Docenti universitari di discipline odontostomatologiche) (22-24 Apr 2021).
- Polishing methods of composites affect surface characteristics and human gingival fibroblast adhesion. Ghezzi, B, Parisi L, Calciolari E, Manfredi E, Ferrari L, Toffoli A, Rossi F, Macaluso GM. 27th National Meeting of Dentistry Professors (Congresso Nazionale del Collegio dei Docenti universitari di discipline odontostomatologiche) (22-24 Apr 2021).
- Effect of plasma concentrates on alveolar ridge healing and preservation: a systematic review and network meta-analysis. Naji A, Calciolari E, Baccini M, Cavalli N, Mardas N, Donos N. IADR/AADR/CADR 99th General Session & Exhibition, (Virtual experience) (21-24 July 2021)
- Correlation between bone mineral density and periodontal conditions in a cohort of post-menopausal women. Calciolari E, Rivara F, Goldoni M, Donos N, Macaluso GM, Passeri G. Europerio, Copenhagen, Denmark (15-18 June 2022)
- Human gingival fibroblasts behaviour to dental composites. Ghezzi B, Matera B, Lumetti S, Toffoli A, Calciolari E, Rossi F, Macaluso GM. Europerio, Copenhagen, Denmark (15-18 June 2022)
- Intra-oral Thermographic Imaging: A novel methodology for assessing periodontal wound healing. Naji A, Calciolari E, Gkraniats N, Tatarakis T, Perussolo J, Mardas N, Donos N. Europerio, Copenhagen, Denmark (15-18 June 2022)
- Customized PLC/BTCP 3D-Printed scaffolds for bone and periodontal regeneration. Ghezzi B, Matera B, Meglioli M, Calciolari E, Lumetti S, Manfredi E, Toffoli A, Macaluso GM. IADR/APR 100th General Session and Exhibition, (20-25 June 2022) (Virtual experience)
- 3D radiographic peri-implant alveolar bone changes in post-menopausal osteoporotic women. Calciolari E, Mardas N, Palaska I, Donos N. European Association for Osseointegration, Geneva (29Sep-10Oct 2022)
- Characterising Angiogenesis during Guided Bone Regeneration. Mardas N, Dereka X, Gruber R, Donos N, Ravanetti F, Elviri L, Calciolari E. International Osteology Symposium, Research Networking day, Barcelona (27-29 Apr 2023)
- Connective tissue graft versus collagen matrix. A 3D digital soft tissue thickening analysis in mucogingival surgery. Rivara F, Rossetti S, Macaluso GM, Calciolari E. International Osteology Symposium, Research Networking day Barcelona (27-29 Apr 2023)
- The role of inflammasomes in peri-implantitis. Brasile S, Naty G, Ghezzi B, Corradi D, Matera B, Calciolari E. 30th National Meeting of Dentistry Professors (Congresso Nazionale del Collegio dei Docenti universitari di discipline odontostomatologiche) (Catania, 20-22 Apr 2023).

- The expression of inflammasomes in periodontitis patients. Naty G, Brasile S, Ghezzi B, Corradi D, Matera B, [Calciolari E](#). 30th National Meeting of Dentistry Professors (Congresso Nazionale del Collegio dei Docenti universitari di discipline odontostomatologiche) (Catania, 20-22 Apr 2023).
- Early soft tissue contour changes around implants with or without soft tissue augmentation. Yon JY, [Calciolari E](#), Mardas N, Donos N. British Society for Oral Dental Research (London, 6-8 Sep 2023)
- Early soft tissue contour changes around implants with or without soft tissue augmentation. Yon JY, [Calciolari E](#), Mardas N, Donos N. European Association for Osseointegration and the Deutsche Gesellschaft für Implantologie (German Association of Oral Implantology) Joint meeting, Berlin (28-30 Sept 2023)
- The influence of implant position and prosthetic characteristics on the occurrence of periimplantitis: a retrospective study on periapical radiographs. Corbella S, Morandi B, [Calciolari E](#), Alberti A, Francetti L, Donos N. European Association for Osseointegration and the Deutsche Gesellschaft für Implantologie (German Association of Oral Implantology) Joint meeting, Berlin (28-30 Sept 2023)
- Open vs. closed frame guides: ex vivo analysis on the effect of guide design on bone heating. Rivara F, [Calciolari E](#). European Association for Osseointegration and the Deutsche Gesellschaft für Implantologie (German Association of Oral Implantology) Joint meeting, Berlin (28-30 Sept 2023)
- The search for novel biomarkers for the diagnosis of peri-implant diseases using proteomic approaches. Souza LPSS, Cesar GPS, Dias DR, Campanerut-Sá PAZ, Donos N, [Calciolari E](#), Araújo MG, Matarazzo F. 41th Reuniao Annual da Sociedade Brasileira de Pesquisa Odontologica (SBPqO) divisao brasileira da IADR(04-07 Sept 2024)
- The search for novel biomarkers for the diagnosis of peri-implant diseases using proteomic approaches. Matarazzo F, Souza LPSS, Dias DR, Campanerut-Sá PAZ, Perussolo J, [Calciolari E](#), Donos N, Araújo MG. ITI world symposium, Singapore (9-11 May 2024)
- Correlation between periodontitis and osteoporosis in a cohort of italian post-menopausal women: a cross-sectional study. Rossetti S, Rivara F, Goldoni M, Macaluso GM, Passeri G, [Calciolari E](#). Annual Meeting of SEPA Foundation, Bilbao, Spain (29 May- 01 June)
- Influence of different hyaluronic acid-based products at different concentrations on human fibroblasts and osteoblasts. Busch CV, [Calciolari E](#), Brunello G, Becker K, Becker J, Ghezzi B. IAO-EAO-SIdP, Milan (24-26 Oct 2024)
- Extra-oral Volumetric and Thermographic Assessment of Minimally-Invasive Post-extraction Wound Healing with and without Plasma Rich in Growth Factors (PRGF). Manso I, Najji A, [Calciolari E](#), Mardas N, Perussolo J, Donos N. EuroPerio11, Vienna (14-17 May 2025)
- Patient-reported outcome measures during early wound healing after peri-implant soft tissue augmentation. Yon M, [Calciolari E](#), Mardas N, Donos N. EuroPerio11, Vienna (14-17 May 2025)
- GCF biomarkers expressed in responding and not-responding sites in periodontal patients: a pilot study. Rossetti S, Ghezzi B, Rivara F, Brasile S, Tagliaferri S, [Calciolari E](#). EuroPerio11, Vienna (14-17 May 2025)
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