University of São Paulo – Ribeirão Preto School of Dentistry

Department of OMS and Periodontology

Curricular Vitae 2026

Name: Daniela Bazan Palioto

Professional Summary

Graduated in Dentistry from the Piracicaba Dental School - UNICAMP in **1993**. Earned a Master's (**1999**) and PhD (**2001**) in Clinical Dentistry, Periodontics concentration, from the same institution. Completed *Livre-docência* at FORP-USP in **2007**. Appointed as Associate Professor at the Department of Oral and Maxillofacial Surgery and Traumatology and Periodontology at the Ribeirão Preto School of Dentistry, University of São Paulo (FORP/USP).

Directed research linking Tissue, Periodontal, and Bone Regeneration (focused on bioengineering innovation) to Susceptibility to Periodontal Disease (related to host dysbiotic processes and chronic systemic diseases). Served as a Visiting Instructor in Research at the University of Texas Health Science Center at Houston (**1996-1997**) and a Visiting Scholar at the University of Pennsylvania School of Dental Medicine, with a FAPESP scholarship (**2016-2017**).

Actively coordinated academic and research mobility agreements with the Università degli Studi di Parma (Italy) since **2016**. Implemented and coordinated the Undergraduate Double Degree Program with the aforementioned university in **2021**, strengthening institutional exchange.

Appointed President of the National and International Relations Committee at FORP/USP (**2022-present**). Assumed the Coordination of the Postgraduate Program in Dentistry - Periodontology in **2023**, and the Vice-Presidency of the Research Committee at FORP/USP in **2024**.

Coordinated PERIOMED, a specialized center for periodontal study, research, and care for patients with systemic involvement, promoting social impact research and health innovation. Awarded CNPq Research Productivity Fellowship - Level 2 (**2010-2016** and **2025-present**).

Formation

Year	Title or Activity	Institution/Supervision
1990 - 1993	Undergrad	Piracicaba School of Dentistry FOP-UNICAMP
1996 - 1997	Observer in Periodontology	University of Texas - Health Science Center - Houston, UTHSC, US
1997 - 1999	Master in Periodontology	Piracicaba School of Dentistry FOP-UNICAMP
1998 - 2001	Doctorate in Periodontology	Piracicaba School of Dentistry FOP-UNICAMP

Academic/Professional Profile

Ano	Título ou Atividade	Instituição
1996 - 1997	Visiting Instructor	University of Texas - Health Science Center - Houston, UTHSC, US.
2016 - 2017	Visiting Scholar	University of Pennsylvania School of Dental Medicine, UPENN-SDM, United States
2021 - Present	Associate Professor 3	Ribeirão Preto School of Dentistry (USP)
2022 - Present	Chair of the National and International Relations Committee	Ribeirão Preto School of Dentistry (USP)
2023 - Present	Coordinator of the Postgraduate Program in Dentistry (Periodontology)	Ribeirão Preto School of Dentistry (USP)
2016 – Present	Coordinator of International Mobility Agreement	Ribeirão Preto School of Dentistry – USP/University of Parma - UNIPR
2021-Present	Coordinator of Double Degree Program in Dentistry	Ribeirão Preto School of Dentistry – USP/University of Parma - UNIPR

Research Funding - Grants

- **Biological characterization of polydioxanone mesh, functionalized or not with i-PRF, in relation to connective tissue - In vitro, ex vivo, and in vivo study**
  - Grant Number:
  - Duration: May 01, 2024 – April 30, 2026
  - Funding Agency: São Paulo Research Foundation - FAPESP
- **3D scaffolds functionalized with anti-fibronectin Aptamers in clot formation. Ex vivo and in vitro study.**
  - Grant Number:
  - Duration: February 01, 2019 - May 31, 2022
  - Funding Agency: São Paulo Research Foundation - FAPESP
- **Bone marrow and stem cells in periodontal regeneration: microtomographic, histomorphometric, immunohistochemical and immunoenzymatic analyses in periodontal fenestration defects in rats**
  - Grant Number:
  - Duration: December 01, 2014 - May 31, 2017.
  - Funding Agency: São Paulo Research Foundation - FAPESP
  - *Grant secured by the faculty member and completed by Prof. Dr. Michel Reis Messora, with the researcher's BEP role in 2016/2017.*

- **Evaluation of periodontal conditions in women with gynecological cancer undergoing chemotherapy**
    - Grant Number:
    - Duration: May 01, 2013 - October 31, 2015
    - Funding Agency: São Paulo Research Foundation - FAPESP
- **Importance of gingival thickness in maintaining the health of peri-implant tissues and preserving the buccal and lingual bone plates around immediate implants, installed in flapless surgery: clinical and histomorphometric study in dogs**
    - Grant Number:
    - Duration: August 01, 2011 - January 31, 2014
    - Funding Agency: São Paulo Research Foundation - FAPESP
- **Expression of fibroblastic and osteoblastic phenotypes in three-dimensional cultures with or without bioactive glass particles**
    - Grant Number:
    - Duration: February 01, 2010 - July 31, 2012
    - Funding Agency: São Paulo Research Foundation – FAPESP

Academic Awards:

- 2024 - 1st Place, Research Category - With the work: *Exploring Epigenetic Dynamics in Periodontitis: Perspectives on Histone Modifications and DNMT3B Expression in Response to Porphyromonas gingivalis Gavage* - SOBRAPI.
- 2022 - 2nd Place, Scientific Forum - With the work: *Effect of Periodontal Therapy in Women with Breast Cancer*., XXIX Brazilian Congress of Periodontology - SOBRAPI.
- 2017 - 1st Place in the Scientific Forum category for the presentation of the work: *Inflammatory Response in Patients with Breast Cancer and Chronic Periodontitis*, XXVII CONBRAPE.

Quantitative Indicators

1. Books published: 1
2. Publications in peer-reviewed journals: 135
3. Book chapters: 11
4. Master's theses:

   4.a) Supervised and successfully defended: 11

   4.b) In progress: 3

5. Doctorate theses:

   5.a) Supervised and successfully defended: 7

   5.b) In progress: 3

6. Postdoctoral supervisions:

   6.a) Completed: 2

7. Number of citations received in international scientific literature:
   - Web of Science: 1,820
   - Scopus ID: 2,807
   - MyCitation (Google Scholar): 5,234

8. Relevant technical and scientific consultancies: 3 Grant Evaluation

   - European Science Foundation - Research Foundation Flanders

I authorize the processing of the personal data contained in my CV pursuant to Art. 13 of Legislative Decree no. 196 of June 30, 2003 ("Personal Data Protection Code") and Art. 13 of GDPR 679/16 ("European General Data Protection Regulation").

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Prof. Daniela Bazan Palioto

10 Most relevant full articles published in Journals

1. COSTA, Natacha MM; CAETANO, Hilary IP; AGUIAR, Larissa M; PARISI, Ludovica; GHEZZI, Benedetta; ELVIRI, Lisa; ZUARDI, Leonardo R; OLIVEIRA, Paulo T; PALIOTO, Daniela B. The Influence of Physiological Blood Clot on Osteoblastic Cell Response to a Chitosan-Based 3D Scaffold - A Pilot Investigation. Biomimetics (Basel), v. 9, p. 782, 2024.
2. MARTINEZ, Cristhiam JH; GLESSNER, Joseph; FINOTI, Livia S; SILVA, Pedro F; MESSORA, Michel; COLETTA, Ricardo D; HAKONARSON, Hakon; PALIOTO, Daniela B. Methylome-wide analysis in systemic microbial-induced experimental periodontal disease in mice with different susceptibility. Frontiers in Cellular and Infection Microbiology, v. 14, p. 1, 2024.
3. NOVAES, Arthur B; PALIOTO, Daniela B. Experimental and clinical studies on plastic periodontal procedures. Periodontology 2000, v. 79, p. 56-80, 2019.
4. ALVES, Luciana B; MARIGUELA, Viviane C; GRISI, Márcio FM; SOUZA, Sérgio LS; NOVAES Jr, Arthur B; TABA Jr, Mário; OLIVEIRA, Paulo T; PALIOTO, Daniela B. Expression of osteoblastic phenotype in periodontal ligament fibroblasts cultured in three-dimensional collagen gel. Journal of Applied Oral Science, v. 23, p. 206-214, 2015.
5. PALIOTO, Daniela B; COLETTA, Ricardo D.; GRANER, Edgard; JOLY, Julio C; LIMA, Antonio FM. The influence of enamel matrix derivative associated with insulin-like growth factor-I on periodontal ligament cells. Journal of Periodontology, v. 75, n. 4, p. 498-504, 2004.
6. PALIOTO DB, FINOTI LS, KINANE DF, BENAKANAKERE M. Epigenetic and inflammatory events in experimental periodontitis following systemic microbial challenge. J Clin Periodontol. 2019 Aug;46(8):819-829. doi: 10.1111/jcpe.13151. Epub 2019 Jun 25.
7. TANAKA U, KAJIOKA S, FINOTI LS, PALIOTO DB, KINANE DF, BENAKANAKERE MR. Decitabine Inhibits Bone Resorption in Periodontitis by Upregulating Anti-Inflammatory Cytokines and Suppressing Osteoclastogenesis. Biomedicines. 2021 Feb 17;9(2):199. doi: 10.3390/biomedicines9020199.

Research collaboration with European centers: Centro Universitario di Odontoiatria, University of Parma, Italy and School of Dental Medicine, University of Bern, Switzerland:

8. PARISI, L. ; RIVARA, F. ; COSTA, C. A. ; GALLI, C. ; LUMETTI, S. ; MANFREDI, E. ; TOFFOLI, A. ; GHEZZI, B. ; CALCIOLARI, E. ; GHIACCI, G. ; PALIOTO, D. B. ; MACALUSO, G. M. . Aptamer-enriched hydrogels enhance new bone deposition in rat periodontal defects. In: EuroPerio 9, 2018, Amsterdam. Journal of Clinical Periodontology, 2018. v. 45. p. 22-22.
9. PARISI, L; RIVARA, F; GALLI, C; LUMETTI, S; MANFREDI, E; PALIOTO, D. B; MACALUSO, G. M. Aptamer-enriched hydrogel promotes new bone deposition in a rat periodontal fenestration model. In: XXIV Congresso Nazionale Collegio del Docenti Universitari di Discipline Odontoetomatologiche, 2017, Milão. Journal of Osseointegration, 2017. v. 9. p. 144-144.
10. PARISI, Ludovica; RIVARA, Federico; COSTA, Camila A; ABUNA, Rodrigo PF; PALIOTO, Daniela B; MACALUSO, Guido M. Aptamers recognizing fibronectin confer improved bioactivity to biomaterials and promote new bone formation in a periodontal defect in rats. BIOMEDICAL MATERIALS (BMM), v. 16, p. 015016, 2021.