

Melis Özgül Slezovic

Dr. Lecturer



Location: Lokman Hekim University Sogutozu Dental Hospital

Department: Periodontology

Language: Turkish, English

Medical Field of Interest

Biochemical Evaluation of the Biosimulation Effect of Low-Level Laser on Human Gingival Fibroblasts Induced with Calcium Channel Blockers.

Education

Year	Institution	Department
2013 – 2018	Hacettepe University	Faculty of Dentistry
2019 – 2023	University of Health Sciences Gülhane	Department of Periodontology

Experience

Year	Institution	Department
2023 – 2025	University of Health Sciences Gülhane	Periodontology
2025 – Still	Lokman Hekim Sogutozu Dental Hospital	Periodontology

Memberships in Scientific Organizations

- 1) Turkish Society of Periodontology
- 2) European Federation of Periodontology

Publications

- 1) **Slezovic, M.Ö., Saygun, I., Bengi, V.U. et al.** Antiproliferative effect of low-level laser/ photobiomodulation on gingival fibroblasts derived from calcium channel blocker- induced gingival overgrowth. **Laser in Medical Science**. DOI: 10.1007/s10103-024-04122-y (SCI-Q2)
- 2) **Saygun, I., Slezovic, M.Ö., Özkan, C.K. et al.** Anti-proliferative impact of resveratrol on gingival fibroblasts from juvenile hyaline fibromatosis. **Journal of Clinical Oral Investigations**. DOI: 10.1007/s00784-024-05771-7 (SCI-Q1)
- 3) **Saygun I., Karaçay Ş., Güler ÖŞ, Slezovic MÖ., Bengi VU.** Multidisciplinary Treatment Approach in Severe Localized Gingival Recession: A case report with a 20-year follow up. **Gulhane Med J 2024; 66(3):149-151**. DOI: 10.4274/gulhane.galenos.2024.65882 (Scopus) **Papers Presented at International Scientific Meetings and Published in the Proceedings Book.**
- 4) **Evaluation of the Antiproliferative Effect of Low-Level Laser on Gingival Fibroblasts Derived from Calcium Channel Blocker-Induced Gingival Overgrowth.** Slezovic MÖ, Saygun NI, Bengi VU, Serdar M, Kantarci A. **Turkish Society of Periodontology 52nd Scientific Congress and 30th Scientific Symposium, 21-23 September 2023 (Oral Presentation)**
- 5) **Evaluation of the Anti-proliferative Effect of Resveratrol on Gingival Fibroblasts in Juvenile Hyaline Fibromatosis Cell Culture.** Saygun NI, Slezovic MÖ, Ozkan CK, Bengi VU, Güler ÖŞ, Elçi P, Serdar M. **12th International Medicine and Health Sciences Researches Congress, 18-19 March 2023 (Oral Presentation)**
- 6) **Multidisciplinary Treatment Approach in Localized Gingival Recession: A Case Report with 20-Year Follow-Up.** Saygun NI, Karaçay Ş, Güler ÖŞ, Bengi VU, Slezovic MÖ. **12th International Medicine and Health Sciences Researches Congress 18-19 March 2023(Oral Presentation)**
- 7) **Pemphigus Vulgaris with Oral Involvement and Positive Desmoglein-3 Antibodies.** Kayacı RN, Slezovic MÖ, Molla M, Balık ZB, Çiftçi D. **International Dental Journal. 2024 (74):280**. DOI: <https://doi.org/10.1016/j.identj.2024.07.22> (FDI World Dental Congress 2024)
- 8) **Correction of Malpositioned Tooth with Insufficient Clinical Crown Length.** Kara A, Ayten EM, Slezovic MÖ, Ayyıldız S. **International Dental Journal. 2024 (74): 374-375**. DOI: <https://doi.org/10.1016/j.identj.2024.07.510> (FDI World Dental Congress 2024)

Book Chapters or Sections in International Books

Low-Level Laser Therapy in Periodontology. Slezovic MÖ. Yaz Publications, 2024.
doi.org/10.5281/zenodo.14608470

Projects

- 1) Biochemical Evaluation of the Biosimulation Effect of Low-Level Laser on Human Gingival Fibroblasts Induced by Calcium Channel Blockers. (Assistant researcher, Scientific research Project supported by Higher Education Institutions)
- 2) Biochemical Evaluation of the Effect of Resveratrol on the Proliferation of Gingival Overgrowth (Assistant researcher, Scientific research Project supported by Higher Education Institutions)

Certificates and Trainings

- 1) Advanced Implant Surgery (Hands-on Course) 1-2 June 2024
- 2) Implant – Supported Prosthesis (Hands-on Course) 2-3 March 2024
- 3) Implantology Advanced Surgical Techniques Training (Khoury and Urban Methods) (Hands-on Course) 4-5 March 2023
- 4) TMD Disorders and Treatment Options (Hands-on Course) 29 November 2021
- 5) Basic Photography for Dentists (Hands-on Course) – 9 April 2021
- 6) Regenerative Stem Cell Treatments and Their Relationship with Dentistry – 6 November 2019
- 7) Sinus Lifting, Bone Augmentation Techniques and Implant-Supported Prosthesis – 6 April 2019