

ÖZGEÇMİŞ

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İletişim Bilgileri

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2. Doğum Tarihi : 1977

3. Unvanı : Dr.

4. Öğrenim Durumu :

Derece	Alan	Üniversite	Yıl
Lisans	Diş Hekimliği Fakültesi	İstanbul Üniversitesi	2003
Yüksek Lisans	Biyomedikal Mühendisliği	Boğaziçi Üniversitesi	2009
Doktora	Biyomedikal Mühendisliği	Boğaziçi Üniversitesi	2018

5. Akademik Unvanlar

Görev Unvanı	Görev Yeri	Yıl
Ar.Gör.	Biyomedikal Mühendisliği , Boğaziçi Üniversitesi	2009 - 2018

7. Yayınlar

7.1. Uluslar arası hakemli dergilerde yayınlanan makaleler

1. Sharonit Sahar-Helft, **Ayşe Sena Kabas Sarp**, Murat Gulsoy, Idan Redenski, Adam Stabholtz, David Keinan, Doron Steinberg, “*Efficacy of ultrasonic and Er:YAG laser activated EDTA irrigation in removing bacteria from ex vivo root canal system.*”, Lasers in Dental Science, (2018) <https://doi.org/10.1007/s41547-018-0046-z>
2. Sahand Ghaffari, **Ayşe Sena Kabas Sarp**, Dirk Lange, Murat Gulsoy, ”*Potassium Iodide Potentiated Photodynamic Inactivation of Enterococcus faecalis Using Toluidine Blue: Comparative Analysis and post-treatment Biofilm Formation Study.*”, Photodiagnosis and Photodynamic Therapy, S1572-1000(18)30136-4, [https://doi.org/10.1016/j.pdpdt.2018.09.019\(2018\)](https://doi.org/10.1016/j.pdpdt.2018.09.019(2018))
3. **Ayşe Sena Kabas Sarp** and Murat Gülsoy, "Determining the Optimal Dose of 1940-nm Thulium Fiber Laser for Assisting Endodontic Treatment", Lasers in Medical Science, 32(7):1507-1516 (2017)
4. I. Demirkan, **A. S. Kabas Sarp**, M. Gülsoy, “Ceramic Bracket Debonding with Tm:Fiber Laser,” J. Biomed. Opt., 21(6): 065007 (2016)
5. Sharonit Sahar-Helft, **Ayşe Sena Kabas Sarp**, Adam Stabholtz, Vitaly Gutkin, Idan Redenski, Doron Steinberg. “Comparison of Positive-Pressure, Passive Ultrasonic, and Laser-Activated Irrigations on Smear- Layer Removal from the Root Canal Surface”, Photomedicine and Laser Surgery, Mar:33(3):129-35 (2015)
6. A. Beklen, **A.S. Sarp Kabas**, D. Uckan, M. Tsaous, “The function of TLR4 in interferon gamma or interleukin-13 exposed and lipopolysaccharide stimulated gingival epithelial cell cultures.”, Biotech Histochem., 89(7): 505-12 (2014)
7. **Ayşe Sena Kabas Sarp**, Tansu Ersoy, Murat Gülsoy and Selçuk Aktürk, "Femtosecond Laser Etching of Dental Enamel for Bracket Bonding," Journal of Biomedical Optics, 18(9): 098003: Sep 17 (2013).
8. **Ayşe Sena Kabas Sarp** and Murat Gülsoy, "Ceramic Bracket Debonding With Ytterbium Fiber Laser", Lasers in Medical Science, 26(5): 577-584 (2011)
9. Balsam Mohammed Mirdan, Suzan Naji Naji, **Ayşe Sena Sarp**, Murat Gulsoy, "The tensile strength of laser welding of an incision in the keratinized oral mucosa of rabbits_in vivo_", LIDS-D-18-00025 (Submitted)

7.2. Uluslar arası bilimsel toplantılarda sunulan ve bildiri kitabında (Proceeding) basılan bildiriler.

1. Sahand Ghaffari, Ayşe Sena Kabas Sarp, Murat Gulsoy, Mustafa Kemal Ruhi. “A comparative analysis of aPDI effect of phenothiazinium dyes in presence of inorganic salt as potentiator.” SPIE Photonics WEST BIOS, San Francisco, US (2018)
2. Ayşe Sena Kabas Sarp, Murat Gulsoy, “Comparing Irradiation Parameters on Disinfecting Enterococcus Faecalis in Root Canal Disinfection.”; SPIE Photonics WEST BIOS, San Francisco, US (2016)
3. Ayşe Sena Kabas Sarp, Murat Gulsoy, “Determining Effective Laser Irradiation Parameters for 1940-nm Thulium Fiber Laser on Disinfecting Enterococcus Faecalis.” , World Federation of Lasers in Dentistry, World Congress, Bucharest, Romania (2015)
4. Ayşe Sena Kabas Sarp, Murat Gulsoy, “Determining Optimum Irradiation Parameters for 1940 nm Thulium Fiber Laser in Root Canal Treatment”, SPIE Photonics WEST BIOS, San Francisco, US (2014)