

ISTANBUL AYDIN UNIVERSITY  
JOURNAL OF FACULTY OF DENTISTRY  
AYDIN DENTAL

ISSN: 2149-5572

**Proprietor - Sahibi**  
Mustafa Aydın

**Editor-in-Chief - Yazı İşleri Müdürü**  
Nigar Çelik

**Editor - Editör**  
Jülide Özen

**Editorial Board - Yayın Kurulu**  
Jülide Özen  
Sercan Küçük Kurt

**Academic Studies Coordination Office (ASCO)**  
**Akademik Çalışmalar Koordinasyon Ofisi**  
**İdari Koordinatör - Administrative Coordinator**  
Nazan Özgür

**Technical Editor - Teknik Editör**  
Hakan Terzi

**Language - Dili**  
English - Türkçe

**Publication Period - Yayın Periyodu**  
Published twice a year - Yılda iki kere yayınlanır  
April and October - Nisan ve Ekim

**Correspondence Address - Yazışma Adresi**  
Beşyol Mahallesi, İnönü Caddesi, No: 38 Sefaköy, 34295  
Küçükçekmece/Istanbul **Tel:** 0212 4441428 - **Fax:** 0212 425 57 97  
**web:** www.aydin.edu.tr - **e-mail:** dentaydinjournal@aydin.edu.tr

**Printed by - Baskı**

## Scientific Board

**Ahu URAZ** Gazi University, Turkey

**Ali ZAIMOGLU** Istanbul Aydın University, Turkey

**Arzu ATAY** Gulhane Military Medical Academy, Turkey

**Aylin BAYSAN** The London School of Medicine and Dentistry, London, U.K.

**Ayşen NEKORA AZAK** Istanbul Aydın University, Turkey

**Behçet EROL** Istanbul Aydın University, Turkey

**Berna TARIM,** Istanbul University, Turkey

**Bilgin GİRAY** Istanbul Aydın University, Turkey

**Bora ÖZDEN** Ondokuz Mayıs University, Turkey

**Can DÖRTER** Istanbul University, Turkey

**Cansu ALPASLAN** Gazi University, Turkey

**Cem TANYEL** Istanbul University, Turkey

**Cemal ERONAT** Ege University, Izmir, Turkey

**Didem ÖNER ÖZDAŞ** Istanbul Aydın University, Turkey

**Elif KALYONCUOĞLU** Ondokuz Mayıs University, Turkey

**Engin Fırat CAKAN,** Istanbul Aydın University, Turkey

**Erman BULENT TUNCER** Istanbul Aydın University, Turkey

**Ersin YILDIRIM** Gulhane Military Medical Academy, Turkey

**Esra SÖMÜRK** Istanbul Aydın University, Turkey

**Feyza OTAN ÖZDEN** Ondokuz Mayıs University, Turkey

**Fulya TOKSOY TOPÇU** Gulhane Military Medical Academy, Turkey

**Gülce ALP** Istanbul Aydın University, Turkey

**Günseli GÜVEN POLAT** Gülhane Military Medical Academy, Turkey

**Hakan ÖZBAŞ** Istanbul University, Turkey

**Handan ERSEV** Istanbul University, Turkey

**Kadriye DEMİRKAYA** Gulhane Military Medical Academy, Turkey

**Kemal SÜBAY** Istanbul Aydın University, Turkey

**Korkud DEMİREL** Istanbul University, Turkey

**Leyla KURU** Marmara University, Istanbul, Turkey

**Mehmet CUDİ BALKAYA** Istanbul Aydın University, Turkey

**İşıl Kaya BÜYÜKBAYRAM,** Istanbul Aydın University, Turkey

**Raif ERİŞEN** Istanbul University, Turkey

**Rezzan ÖZER** Dicle University, Turkey

**Rüdiger JUNKER** Danube Private University, Austria

**Sedat ÇETİNER** Gazi University, Turkey

**Sema BELLİ** Selçuk University, Turkey

**Sema ÇELENK** Dicle University, Turkey

**Semih BERKSUN** Ankara University, Turkey

**Serap KARAKIŞ** Istanbul Aydın University, Turkey

**Serdar CİNTAN** Istanbul University, Turkey

**Simel AYYILDIZ** Gulhane Military Medical Academy, Turkey

**Şeniz KARAÇAY** Gulhane Military Medical Academy, Turkey

**Ümit KARAÇAYLI** Gulhane Military Medical Academy, Turkey

**Vesela STEFANOVA** Medical University of Plovdiv, Bulgaria

*Istanbul Aydın Üniversitesi, Diş Hekimliği Fakültesi, Aydın Dental Dergisi özgün bilimsel araştırmalar ile uygulamaya çalışmalarına yer veren ve bu niteliği ile hem araştırmacılara hem de uygulamadaki akademisyenlere seslenmeyi amaçlayan hakem sistemini kullanan bir dergidir.*

*Istanbul Aydın University, Journal of the Faculty of Dentistry, Aydın Dental is a double-blind peer-reviewed journal which provides a platform for publication of original scientific research and applied practice studies. Positioned as a vehicle for academics and practitioners to share field research, the journal aims to appeal to both researchers and academicians.*