

## Doç. Dr. BERDAN AYDIN

### Kişisel Bilgiler

E-posta: berdan.aydin@deu.edu.tr

Web: <https://avesis.deu.edu.tr/A/9003>

### Uluslararası Araştırmacı ID'leri

ORCID: 0000-0003-3317-1095

Publons / Web Of Science ResearcherID: AAS-1902-2020

Yoksis Araştırmacı ID: 238835

### Jüri Üyelikleri

Tez Savunma (Tıpta Uzmanlık), Tez Savunma (Tıpta Uzmanlık), Aydın Adnan Menderes Üniversitesi, Ocak, 2024

Tez Savunma (Tıpta Uzmanlık), Tez Savunma (Tıpta Uzmanlık), Aydın Adnan Menderes Üniversitesi, Ekim, 2023

### SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **The incidence and intensity of postoperative pain and Flare-up following the use of three different intracanal medicaments in teeth with posttreatment apical periodontitis: a randomized clinical trial**  
Angın A. E., Özkan H. D., Saral İ. P., AYDIN B.  
Clinical Oral Investigations, cilt.28, sa.7, 2024 (SCI-Expanded)
- II. **Study of the effect of sFRP1 protein on molecules involved in the regulation of DNA methylation in CML cell line**  
Demirkiran N., AYDIN B., Pehlivan M., YÜCE Z., SERCAN H. O.  
Medical Oncology, cilt.41, sa.5, 2024 (SCI-Expanded)
- III. **In vitro Study of the Role of Human Neutrophil Enzymes on Root Caries Progression**  
Zamperini C. A., Aydın B., Sroussi H. Y., Bedran-Russo A. K.  
CARIES RESEARCH, cilt.55, sa.2, ss.99-107, 2021 (SCI-Expanded)
- IV. **Dimeric Proanthocyanidins on the Stability of Dentin and Adhesive Biointerfaces**  
Leme-Kraus A. A., Phansalkar R. S., dos Reis M. C., Aydın B., Sousa A. B. S., Alania Y., McAlpine J., Chen S. N., Pauli G. F., Bedran-Russo A. K.  
JOURNAL OF DENTAL RESEARCH, cilt.99, sa.2, ss.175-181, 2020 (SCI-Expanded)
- V. **Evidence to the role of interflavan linkages and galloylation of proanthocyanidins at sustaining long-term dentin biomodification**  
Aydın B., Leme-Kraus A. A., Vidal C. M. P., Aguiar T. R., Phansalkar R. S., Nam J., McAlpine J. B., Chen S., Pauli G. F., Bedran-Russo A. K.  
DENTAL MATERIALS, cilt.35, sa.2, ss.328-334, 2019 (SCI-Expanded)
- VI. **Long-term evaluation of the stability of dentin matrix following treatments with aqueous solutions of titanium tetrafluoride at different concentrations**  
Bridi E. C., Leme-Kraus A. A., Aydın B., Basting R. T., Bedran-Russo A. K.  
ARCHIVES OF ORAL BIOLOGY, cilt.91, ss.51-56, 2018 (SCI-Expanded)
- VII. **Centrifugal partition chromatography enables selective enrichment of trimeric and tetrameric proanthocyanidins for biomaterial development**  
Phansalkar R. S., Nam J., Chen S., McAlpine J. B., Leme A. A., Aydın B., Bedran-Russo A., Pauli G. F.  
JOURNAL OF CHROMATOGRAPHY A, cilt.1535, ss.55-62, 2018 (SCI-Expanded)

- VIII. **The effect of ultrasonically activated irrigation and laser based root canal irrigation methods on debris removal**  
Kamaci A., Aydin B., Erdilek N.  
INTERNATIONAL JOURNAL OF ARTIFICIAL ORGANS, cilt.41, sa.2, ss.71-75, 2018 (SCI-Expanded)
- IX. **Encapsulation of grape seed extract in polylactide microcapsules for sustained bioactivity and time-dependent release in dental material applications**  
Yourdkhani M., Leme-Kraus A. A., Aydin B., Bedran-Russo A. K., White S. R.  
DENTAL MATERIALS, cilt.33, sa.6, ss.630-636, 2017 (SCI-Expanded)
- X. **Biostability of the Proanthocyanidins-Dentin Complex and Adhesion Studies**  
Leme-Kraus A. A., Aydin B., Vidal C. M. P., Phansalkar R. M., Nam J. W., McAlpine J., Pauli G. F., Chen S., Bedran-Russo A. K.  
JOURNAL OF DENTAL RESEARCH, cilt.96, sa.4, ss.430-436, 2017 (SCI-Expanded)
- XI. **Collagen-collagen interactions mediated by plant-derived proanthocyanidins: A spectroscopic and atomic force microscopy study**  
Vidal C. M. P., Zhu W., Manohar S., Aydin B., Keiderling T. A., Messersmith P. B., Bedran-Russo A. K.  
ACTA BIOMATERIALIA, cilt.41, ss.110-118, 2016 (SCI-Expanded)
- XII. **Assessing Collagen and Micro-permeability at the Proanthocyanidin-treated Resin-Dentin Interface**  
Aydin B., Hassan L. S., Viana G., Bedran-Russo A. K.  
JOURNAL OF ADHESIVE DENTISTRY, cilt.18, sa.6, ss.529-534, 2016 (SCI-Expanded)
- XIII. **Time-dependent effectiveness of the intracanal medicaments used for pulp revascularization on the dislocation resistance of MTA**  
Turk T., Ozisik B., Aydin B.  
BMC ORAL HEALTH, cilt.15, 2015 (SCI-Expanded)
- XIV. **Quantification of Antibiotic in Biofilm-Inhibiting Multilayers by 7.87 eV Laser Desorption Postionization MS Imaging**  
Blaze M. M. T., Akhmetov A., Aydin B., Edirisinghe P. D., Uygur G., Hanley L.  
ANALYTICAL CHEMISTRY, cilt.84, sa.21, ss.9410-9415, 2012 (SCI-Expanded)
- XV. **Identification and imaging of peptides and proteins on Enterococcus faecalis biofilms by matrix assisted laser desorption ionization mass spectrometry**  
Blaze M. M. T., Aydin B., Carlson R. P., Hanley L.  
ANALYST, cilt.137, sa.21, ss.5018-5025, 2012 (SCI-Expanded)
- XVI. **Antibacterial activity of dental composites containing zinc oxide nanoparticles**  
Sevinc B., Hanley L.  
JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART B-APPLIED BIOMATERIALS, cilt.94B, sa.1, ss.22-31, 2010 (SCI-Expanded)
- XVII. **Apical microleakage of root-end cavities prepared by Er, Cr: YSGG laser**  
Caliskan M. K., Parlar N. K., Orucoglu H., Aydin B.  
LASERS IN MEDICAL SCIENCE, cilt.25, sa.1, ss.145-150, 2010 (SCI-Expanded)
- XVIII. **Effectiveness of HERO 642 versus Hedstrom files for removing gutta-percha fillings in curved root canals: an ex vivo study**  
Aydin B., Kose T., Caliskan M. K.  
INTERNATIONAL ENDODONTIC JOURNAL, cilt.42, sa.11, ss.1050-1056, 2009 (SCI-Expanded)
- XIX. **The effect of spreader size on fracture resistance of maxillary incisor roots**  
Piskin B., Aydin B., Sarikanat M.  
INTERNATIONAL ENDODONTIC JOURNAL, cilt.41, sa.1, ss.54-59, 2008 (SCI-Expanded)

## **Diğer Dergilerde Yayınlanan Makaleler**

- I. **Evaluation of different irrigation techniques on dentin erosion and smear layer removal: A scanning electron microscopy study**

Akçay A., Görduysus M., Aydın B., Görduysus M. Ö.

JOURNAL OF CONSERVATIVE DENTISTRY, sa.3, ss.311-316, 2022 (Scopus)

## **Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar**

### **I. Fizik Tedavi ve Rehabilitasyon Öğrencilerinin Dental Anksiyete Seviyelerinin Belirlenmesi**

Güvenç P., Bulut G. F., Uzun Saylan B. C., Aydın B., Erten Can S. H.

DEU Diş Hekimliği Fakültesi Diş Hekimliği Eğitimi Uluslararası Kongresi, İzmir, Türkiye, 3 - 04 Haziran 2022, ss.39-40

## **Metrikler**

Yayın: 21

Atıf (WoS): 520

H-İndeks (WoS): 10