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### Jury Memberships

Expertise In Medicine, Expertise In Medicine, Aydin Adnan Menderes Üniversitesi, January, 2024

Expertise In Medicine, Expertise In Medicine, Aydin Adnan Menderes Üniversitesi, October, 2023

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **In vitro Study of the Role of Human Neutrophil Enzymes on Root Caries Progression**  
Zamperini C. A., Aydin B., Srourssi H. Y., Bedran-Russo A. K.  
CARIES RESEARCH, vol.55, no.2, pp.99-107, 2021 (SCI-Expanded)
- II. **Dimeric Proanthocyanidins on the Stability of Dentin and Adhesive Biointerfaces**  
Leme-Kraus A. A., Phansalkar R. S., dos Reis M. C., Aydin B., Sousa A. B. S., Alania Y., McAlpine J., Chen S. N., Pauli G. F., Bedran-Russo A. K.  
JOURNAL OF DENTAL RESEARCH, vol.99, no.2, pp.175-181, 2020 (SCI-Expanded)
- III. **Evidence to the role of interflavan linkages and galloylation of proanthocyanidins at sustaining long-term dentin biomodification**  
Aydin 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, vol.35, no.2, pp.328-334, 2019 (SCI-Expanded)
- IV. **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., Aydin B., Basting R. T., Bedran-Russo A. K.  
ARCHIVES OF ORAL BIOLOGY, vol.91, pp.51-56, 2018 (SCI-Expanded)
- V. **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., Aydin B., Bedran-Russo A., Pauli G. F.  
JOURNAL OF CHROMATOGRAPHY A, vol.1535, pp.55-62, 2018 (SCI-Expanded)
- VI. **The effect of ultrasonically activated irrigation and laser based root canal irrigation methods on debris removal**  
Kamacı A., Aydin B., Erdilek N.  
INTERNATIONAL JOURNAL OF ARTIFICIAL ORGANS, vol.41, no.2, pp.71-75, 2018 (SCI-Expanded)
- VII. **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, vol.33, no.6, pp.630-636, 2017 (SCI-Expanded)

- VIII. **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, vol.96, no.4, pp.430-436, 2017 (SCI-Expanded)
- IX. **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, vol.41, pp.110-118, 2016 (SCI-Expanded)
- X. **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, vol.18, no.6, pp.529-534, 2016 (SCI-Expanded)
- XI. **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, vol.15, 2015 (SCI-Expanded)
- XII. **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, vol.84, no.21, pp.9410-9415, 2012 (SCI-Expanded)
- XIII. **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, vol.137, no.21, pp.5018-5025, 2012 (SCI-Expanded)
- XIV. **Antibacterial activity of dental composites containing zinc oxide nanoparticles**  
 Sevinc B., Hanley L.  
 JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART B-APPLIED BIOMATERIALS, vol.94B, no.1, pp.22-31, 2010 (SCI-Expanded)
- XV. **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, vol.25, no.1, pp.145-150, 2010 (SCI-Expanded)
- XVI. **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, vol.42, no.11, pp.1050-1056, 2009 (SCI-Expanded)
- XVII. **The effect of spreader size on fracture resistance of maxillary incisor roots**  
 Piskin B., Aydin B., Sarikanat M.  
 INTERNATIONAL ENDODONTIC JOURNAL, vol.41, no.1, pp.54-59, 2008 (SCI-Expanded)

### Articles Published in Other Journals

- I. **Evaluation of different irrigation techniques on dentin erosion and smear layer removal: A scanning electron microscopy study**  
 Akçay A., Gördüsus M., Aydin B., Gördüsus M. Ö.  
 JOURNAL OF CONSERVATIVE DENTISTRY, no.3, pp.311-316, 2022 (Scopus)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Determination of Dental Anxiety Levels of Undergraduate Students Enrolled in Department of Physical Therapy and Rehabilitation**

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, Turkey, 3 - 04 June 2022, pp.39-40

## Metrics

Publication: 19

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