

## Asst. Prof. EDA EZGİ ASLANTAŞ

### Personal Information

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Address: Hacettepe Üniversitesi Dişhekimliği Fakültesi 4. kat Endodonti A.D Sıhhiye Ankara

### International Researcher IDs

ORCID: 0000-0002-4208-2759

Yoksis Researcher ID: 167041

### Education Information

Doctorate, Hacettepe University, Diş Hekimliği Fakültesi, Endodonti, Turkey 2007 - 2013

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, İnflame hücrelerde kalsiyum hidroksit ve N-asetil sistein'in yıkım enzimleri üzerine etkinliğinin belirlenmesi, Hacettepe Üniversitesi, Sağlık Bilimleri Enstitüsü, Endodonti (Dr), 2013

### Research Areas

Health Sciences, Dentistry, Clinical Sciences, Endodontics

### Academic Titles / Tasks

Assistant Professor, Hacettepe University, Diş Hekimliği Fakültesi, 2017 - Continues

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

- I. **Effects of aging and inflammation on catalase activity in human dental pulp.**  
ASLANTAŞ E. E., Buzoglu H., MÜFTÜOĞLU S. F., ATILLA P., Karapinar S. P., Aksoy Y.  
Archives of oral biology, vol.141, pp.105482, 2022 (SCI-Expanded)
- II. **Effects of calcium hydroxide and N-acetylcysteine on MMP-2, MMP-9, TIMP-1 and TIMP-2 in LPS-stimulated macrophage cell lines**  
Astantas E. E., AKSOY Y., Ulum Y. Z. A., CEYHAN D., PEYNİRCİOĞLU B., DOĞAN BUZOĞLU H.  
Turkish Journal of Biochemistry, vol.43, no.6, pp.571-577, 2018 (SCI-Expanded)
- III. **Age-related Changes in the Alkaline Phosphatase Activity of Healthy and Inflamed Human Dental**

## **Pulp**

ASLANTAŞ E. E., Buzoglu H. D., Karapinar S. P., ÇEHRELİ Z. C., Muftuoglu S. F., ATILLA P., AKSOY Y.  
JOURNAL OF ENDODONTICS, vol.42, no.1, pp.131-134, 2016 (SCI-Expanded)

### **IV. Effect of EDTA, Sodium Hypochlorite, and Chlorhexidine Gluconate with or without Surface Modifiers on Dentin Microhardness**

ASLANTAŞ E. E., BUZOĞLU H., ALTUNDAŞAR E., SERPEN A.  
JOURNAL OF ENDODONTICS, vol.40, no.6, pp.876-879, 2014 (SCI-Expanded)

## **Articles Published in Other Journals**

- I. **Effects of a Benzalkonium Chloride Surfactant-Sodium Hypochlorite Combination on Microhardness and Mineral Content of Dentin**  
ASLANTAŞ E. E., Aksel H., DOĞAN BUZOĞLU H.  
ODOVTOS INTERNATIONAL JOURNAL OF DENTAL SCIENCES, no.2, pp.82-90, 2024 (ESCI)
- II. **Effect of Sodium Hypochlorite Irrigation with and Without Surfactant on Maximum Operative Torque and Vertical Force of Nickel-Titanium Endodontic Instruments.**  
Aslantaş E. E., Ors S. A., Serper A.  
Acta stomatologica Croatica, vol.56, no.1, pp.33-41, 2022 (ESCI)
- III. **Long-Term Release Profiles of Growth Factors From DPSCs on Demineralized Dentin Under Osteogenic Environment and Their Effects on Odontogenic Differentiation**  
ÖZTÜRK Ş., AKSEL H., ASLANTAŞ E. E., ULUBAYRAM K.  
Hacettepe University Journal of the Faculty of Pharmacy, vol.40, no.1, pp.11-19, 2020 (Scopus)
- IV. **Fracture resistances of roots prepared with rotary files with different metal alloys and motion kinetics**  
UZUNOĞLU E., ASLANTAŞ E. E., AKTEMUR TÜRKER S.  
Turkish Endodontic Journal, vol.1, pp.61-66, 2016 (Peer-Reviewed Journal)

## **Refereed Congress / Symposium Publications in Proceedings**

- I. **Effect of Benzalkonium Chlorid on dentin microhardness. 7th International Endodontic Symposium**  
ASLANTAŞ E. E., AKSEL H., DOĞAN BUZOĞLU H.  
Türk Endodonti Derneği 7. Uluslararası Endodonti Sempozyumu, 11 - 14 May 2017
- II. **Dental pulp stem cells differentiation by endogenous release of VEGF and BMP-2**  
ÖZTÜRK Ş., AKSEL H., ASLANTAŞ E. E., ULUBAYRAM K.  
BIOMED 2017: 22nd International Biomedical Science and Technology Symposium, 12 - 14 May 2017
- III. **Effect of Reciprocal Motion on the Removal of a MTA Based Root Canal Sealer.**  
AKTEMUR TÜRKER S., UZUNOĞLU ÖZYÜREK E., ASLANTAŞ E. E.  
1st Online Scientific Congress of the International Assoc. of Endodontic Education, Research Practice., Turkey, 30 November - 29 December 2015
- IV. **Effects of Calcium Hydroxide and N acetyl cystein on Destruction Enzyme Activity in Inflamed Cells**  
ASLANTAŞ E. E., DOĞAN BUZOĞLU H., CEYHAN D., AKSOY Y., AKKAYA ULUM Z. Y., PEYNİRCİOĞLU B.  
European Society of Endodontology 17. Biennial Congress, barselona, Spain, 16 - 19 September 2015

## **Supported Projects**

ASLANTAŞ E. E., SERPER A., ASKERBEYLİ ÖRS S., Project Supported by Higher Education Institutions, Surfektan kullanımının kök kanal transportasyonu ve dönen eğe sistemlerinin torsiyonel direnci üzerine etkileri, 2017 - 2020  
ASLANTAŞ E. E., Project Supported by Higher Education Institutions, Endodonti Alanında Güncel Yaklaşımlar, Tedavi

Seenekleri ve Yenilikler, 2017 - 2017

ASLANTAŞ E. E., Project Supported by Higher Education Institutions, Türk Endodonti Derneđi 13. Uluslararası Bilimsel Kongresi, 2016 - 2016

ASLANTAŞ E. E., AKSEL H., ULUBAYRAM K., SERPER A., ÖZTÜRK Ş., Project Supported by Higher Education Institutions, VEGF ve BMP-2 yüklü HA/TCP silindir taşıyıcı matrikslerin DPSC'lerin farklılaşması üzerine etkisi, 2015 - 2016

ASLANTAŞ E. E., DOĞAN BUZOĞLU H., SERPER A., ALTUNDAŞAR E., Project Supported by Higher Education Institutions, Yüzey modifiye edici ajan eklenmiş ve eklenmemiş EDTA, Sodyum hipoklorit, Klorheksidin glukonat'ın dentin mikrosertliđi üzerine etkisi, 2015 - 2015

## **Metrics**

Publication: 12

Citation (WoS): 44

Citation (Scopus): 67

H-Index (WoS): 2

H-Index (Scopus): 3

## **Non Academic Experience**

Hacettepe Üniversitesi