

## CURICULUM VITAE

**Name: ESRA PAMUKÇU GÜVEN**

**Title: Assistant Professor**

### Education

| Degree | Faculty / Department      | University          | Year |
|--------|---------------------------|---------------------|------|
| DDS    | Faculty of Dentistry      | Ege University      | 1999 |
| PhD    | Department of Endodontics | Yeditepe University | 2010 |

**PhD Dissertation:** Effect of DYCAL, MTA and EMD on Proliferation and Differentiation of Human Tooth Germ Stem Cells. / Supervisor: Prof. Dr. Gündüz Bayırlı

### Academic Titles

| Title               | Department                | University          | Year      |
|---------------------|---------------------------|---------------------|-----------|
| Lecturer            | Department of Endodontics | Yeditepe University | 2010-2014 |
| Assistant Professor | Department of Endodontics | Yeditepe University | 2014-2015 |
| Assistant Professor | Department of Endodontics | Okan University     | 2015-     |

## Publications

### Articles Published in International Peer-Reviewed Journals (SCI and SCI-Expanded Articles)

1. **Pamukçu-Güven E**, Yalvac ME, Şahin F, Yazıcı MM, Rizvanov AA, Bayırlı G. Effect of dental materials calcium hydroxide–containing cement, mineral trioxide aggregate, and enamel matrix derivative on proliferation and differentiation of human tooth germ stem cells. *Journal of Endodontics* 2011; 37: 650–6.
2. **Pamukçu-Güven E**, Taslı PN, Yalvac ME, Sofiev N, Kayahan MB, Sahin F. *In vitro* comparison of induction capacity and biomineralization ability of mineral trioxide aggregate and a bioceramic root canal sealer. *International Endodontic Journal* 2013; 46: 1173-82.
3. **Pamukçu-Güven E**, Yalvaç ME, Kayahan MB, Sunay H, Şahin F, Bayırlı G. Human tooth germ stem cell response to calcium-silicate based endodontic cements. *Journal of Applied Oral Science* 2013; 21: 351-7.
4. Kaptan F, **Pamukçu-Güven E**, Topçuoğlu N, Yazıcı MM, Külekçi G. *In vitro* assessment of the recurrent doses of topical gaseous ozone in the removal of *Enterococcus Faecalis* biofilms in root canals. *Nigerian Journal of Clinical Practice* 2014; 17: 573-8.

### Articles Published in International Peer-Reviewed Journals

1. Kayahan MB, Basal N, **Pamukçu-Güven E**. A novel approach to retrograde root canal treatment tube guided Ni-Ti instruments for retroshaping. *Endodontic Practice* 2011; 14: 18-22.
2. Tanalp J, **Pamukçu-Güven E**, Oktay İ. Evaluation of dental students' perception and self-confidence levels regarding endodontic treatment. *European Journal of Dentistry* 2013; 7: 218-24.

## Presentations Published in International Academic Conference Proceedings

1. **Pamukçu-Güven E**, Yalvaç ME, Kayahan MB, Sunay H, Şahin F, Bayırlı G. A comparison of *ex vivo* cytotoxicity of two novel endodontic root canal sealers. 15th Biennial Congress of the European Society of Endodontology. September 14-17, 2011, Rome, Italy.
2. Kayahan MB, Arslan A, Başal N, Karapinar-Kazandag M, **Pamukçu-Güven E**. New approach to retrograde root canal treatment: Tubes guiding Ni-Ti instruments in retroshaping. 15th Biennial Congress of the European Society of Endodontology. September 14-17, 2011, Rome, Italy.
3. **Pamukçu-Güven E**, Taşlı PN, Yalvaç ME, Sofiev N, Kayahan MB, Şahin F. Comparison of the effectiveness of Mineral Trioxide Aggregate and bioceramic root canal sealer on hTGSCs. 11th Congress of the Turkish Society of Endodontology. April 27-28, 2012, Istanbul, Turkey.
4. Tanalp J, Dikbas İ, **Pamukçu-Güven E**, Özkurt-Kayahan Z. Analysis of the distribution and restoration types of teeth referred for endodontic treatment. 18th Congress of the Balkan Stomatological Society. April 25-28, 2013, Üsküp, Macedonia.
5. Tanalp J, **Pamukçu-Güven E**, Oktay İ. Evaluation of dental students' perception and self-confidence levels regarding endodontic treatment. 38th Annual Meeting of the Association for Dental Education in Europe. August 29-September 1, 2012, Lyon, France.
6. Kaptan F, **Pamukçu-Güven E**, Topçuoğlu N, Yazıcı MM, Külekçi G. *In vitro* bactericidal evaluation of multiple session application of topical gaseous ozone on *Enterococcus Faecalis* biofilm. 5th International Scientific Symposium of Turkish Endodontic Society. June 1-4, 2013, Greek Island.
7. Kayahan MB, **Pamukçu-Güven E**, Milkar K, Başer ED, Kaptan F, Yılmaz C, Bektaş D, Özler S, Sarıca G. Efficacy of ethylenediamine tetraacetic acid and calcium hydroxide in the removal of root canal filling during retreatment. 16th Biennial Congress of the European Society of Endodontology. September 12-14, 2013, Lisbon, Portugal.

8. **Pamukçu-Güven E**, Övsay E. The missed canal anatomy and variation possibilities. 6th International Scientific Congress of Istanbul University Faculty of Dentistry. November 21-23, 2013, Istanbul, Turkey.
9. Kayahan MB, **Pamukçu-Güven E**, Türk T, Çiftçioglu E, Küçükay I. Pastinject: Is it a novel instrument for root canal irrigation? 17th Biennial Congress of the European Society of Endodontology. September 16-19, 2015, Barcelona, Spain.
10. Kayahan MB, Türk T, **Pamukçu-Güven E**, Çiftçioglu E, Sunay H. Push-out bond strength of MTA obturation with and without single-cone. 17th Biennial Congress of the European Society of Endodontology. September 16-19, 2015, Barcelona, Spain.

#### **Articles Published in National Peer-Reviewed Journals**

1. **Pamukçu-Güven E**, Sunay H, Bayırlı G. Periapikal lezyonlu dişlerin tedavisinde kalsiyum hidroksitin yeri. *Klinik Dergisi* 2007; 21: 91-100.
2. **Pamukçu-Güven E**, Sunay H, Bayırlı G. Endodontik giriş kavitesinin hazırlanması. *İstanbul Dişhekimleri Odası Dişhekimliğinde Klinik Dergisi* 2008; 22: 19-26.
3. Ülkür F, **Pamukçu-Güven E**, Hepdarcan S. Travmatize olmuş dişlerin endodontik ve ortodontik tedavi yaklaşımları. *Cumhuriyet Dental Journal* 2015; 18: 92-100.

#### **Reviewer in Peer-Reviewed International Journals**

1. *Archives of Oral Biology*, Makale No: AOB-D-13-00284. Name of the article: Effects of Enamel Matrix Derivative on the Proliferation and Odontogenic Differentiation in the Human Dental Pulp Cells. June 2013.
2. *International Journal of Molecular Sciences*, Name of the article: ijms-51940. Makale adı: Enamel matrix derivative promote primary human pulp cell differentiation and mineralization. February 2014.

3. *International Journal of Molecular Sciences*, Name of the article: ijms- 57244. Makale adı: The effects of synthetic oligopeptide derived from enamel matrix derivative on cell proliferation and osteoblastic differentiation of human mesenchymal stem cells. Mayıs 2014.

### **Scientific Awards**

1. Turkish Endodontic Society, Prof. Dr. Gündüz Bayırlı Scientific Research Awards. May 15-17, 2014, Istanbul, Turkey.

### **Invited Lectures and Hands-on Courses**

1. **Pamukçu-Güven E.** Root canal instrumentation techniques. Istanbul Chamber of Dentists Continuing Dental Education. April 16, 2014, Istanbul, Turkey.
2. **Pamukçu-Güven E.** Regenerative Endodontics. Turkish Endodontic Society 12th International Congress. May 15-17, 2014, Istanbul, Turkey.
3. **Pamukçu-Güven E.** Stem Cells. Istanbul Chamber of Dentists Continuing Dental Education. January 21, 2015, Istanbul, Turkey.

### **Attended Courses**

1. Advanced Stem Cell Technology, Yeditepe University Department of Genetics and Bioengineering, 2010, Istanbul, Turkey.
2. CBCT Precongress Course, European Society of Endodontology, 2013, Lisbon, Portugal.
3. Zeiss Microscope Course, Yeditepe University Faculty of Dentistry, 2014, Istanbul, Turkey.
4. GCP Master Course, 2015, Amsterdam, Holland.

### **Administrative Tasks**

1. Yeditepe University Faculty of Dentistry, Member of the WEB Commission, 2011-2014.

### **Membership of Scientific / Professional Organizations**

1. Turkish Dental Association (TDB)
2. Istanbul Chamber of Dentists (İDO)
3. Turkish Endodontic Society; Member
4. European Society of Endodontology (ESE); Certified Member
5. International Federation of Endodontic Association (IFEA)