

**CURRICULUM VITAE**

Name and Surname: Burcu KARADUMAN  
Date of Birth: 1980  
Academic Title: Professor Dr.  
Work Address:  
Email: bkaraduman@biruni.edu.tr  
Foreign Languages Known (Score and Year): English, C2 Proficiency, 2019  
English, C2 Proficiency, 2007

Degree	Department/Program	University	Year
Doctorate	PERİODONTOLOJİ (DR)	Gazi University	2007
Bachelor's Degree	DİŞ HEKİMLİĞİ PR.	Gazi University	2001

Doctoral Thesis/Proficiency Study/Medical Specialization Thesis Title (abstract attached) and Supervisor(s):  
Kemikiçi defektlere uygulanan cerrahi tedavi sonrası oluşan iyileşmenin klinik ve farklı radyografik yöntemlerle değerlendirilmesi

Position Title	Workplace	Year
Professor Dr.	Biruni University	2022-Continues
Associate Professor		2021-2021
Associate Professor		2019-2019
Associate Professor	Biruni University	2017-Continues
Assistant Professor	Biruni University	2017-2017
Assistant Professor		2014-2014
Assistant Professor	İstanbul Aydın University	2011-2017
Assistant Professor	Yeni Yüzyıl University	2010-2011
Research Assistant	Gazi University	2006-2007
Research Assistant		2006-2006

**Administrative Duties:**

Deputy Institute Director - Biruni University (2018 - Continues)  
Institute Executive Board Member - Biruni University (2018 - Continues)  
Institutional Coordinator of the Erasmus Program - Biruni University (2018 - 2019)  
Program Coordinator - Biruni University (2017 - Continues)  
Faculty Executive Board Member - Biruni University (2017 - Continues)  
Faculty Board Member - Biruni University (2017 - Continues)  
Head of Department - Biruni University (2017 - 2019)  
Head of Main Science/Science Department - Biruni University (2017 - 2019)  
Other Administrative Task - İstanbul Aydın University (2015 - 2017)

Other Academic Position - İstanbul Aydın University (2015 - 2017)  
Other Administrative Task - İstanbul Aydın University (2014 - 2017)  
Vice Dean - İstanbul Aydın University (2013 - 2017)  
Department Coordinator of the Farabi Program - İstanbul Aydın University (2013 - 2017)  
Postgraduate Education Coordinator - İstanbul Aydın University (2013 - 2017)  
Head of Main Science/Science Department - İstanbul Aydın University (2012 - 2013)  
Faculty Executive Board Member - İstanbul Aydın University (2011 - Continues)  
Faculty Board Member - Yeni Yüzyıl University (2010 - 2011)  
Department Coordinator of the Erasmus Program - Yeni Yüzyıl University (2010 - 2011)  
Vice Dean - Yeni Yüzyıl University (2010 - 2011)  
Head of Main Science/Science Department - Yeni Yüzyıl University (2010 - 2011)  
Faculty Executive Board Member - Yeni Yüzyıl University (2010 - 2011)

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## **PUBLICATIONS**

### **A. Articles published in international peer-reviewed journals:**

- A1. "Effects of non-surgical periodontal therapy on gingival crevicular fluid CTRP-1, TNF- $\alpha$ , and IL-10 levels", Clinical Oral Investigations, 2025.
- A2. "Investigating the diagnostic potential of IL-1 $\beta$ , IL-10, and IL-36 $\gamma$  in gingival crevicular fluid in patients with different periodontal conditions", Biomarkers, 2024.
- A3. "Compatibility of digital and analog methods in assessment of gingival zeniths", Journal of Esthetic and Restorative Dentistry, 2023.
- A4. "ORAL HEALTH STATUS OF JUVENILE INMATES IN A DETENTION CENTER IN TURKEY", Journal of Basic and Clinical Health Sciences, 2023.
- A5. "The Effects of Cyclosporine and Tacrolimus on Gingiva and Alveolar Bone of Rats", Clinical and Experimental Health Sciences, 2021.
- A6. "The Effects of Different Pre-operative Information Timings on Patients' Anxiety Level and Pain Perception.", Clinical and Experimental Health Sciences, 2021.
- A7. "Ozone application as adjunctive therapy in chronic periodontitis: Clinical, microbiological and biochemical aspects", Journal of Dental Sciences, 2019.
- A8. "Changes of tumor necrosis factor- $\alpha$ , interleukin-10, and tartrate-resistant acid phosphatase5b in the crevicular fluid in relation to orthodontic movement", European Journal of Inflammation, 2015.
- A9. "Soft tissue reconstruction with free gingival graft technique following excision of a fibroma", Case Reports in Dentistry, 2015.
- A10. "Two percent chitosan mouthwash: A microbiological and clinical comparative study", Journal of Dental Sciences, 2012.
- A11. "Clinical and radiographic evaluations of chitosan gel in periodontal intraosseous defects: A pilot study", Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2009.
- A12. "The effect of smoking on epithelial proliferation in healthy and periodontally diseased marginal gingival epithelium", Journal of Periodontology, 2008.
- A13. "Effects of phase I periodontal treatment on gingival crevicular fluid levels of matrix metalloproteinase-3 and tissue inhibitor of metalloproteinase-1", Journal of Clinical Periodontology, 2005.

### **D. Articles published in national peer-reviewed journals:**

- D1. "The fear of AI: Dentists and the anxiety of the unknown", Journal of Advanced Research in Health Sciences, 2023.
- D2. "Gingivitis ve hafif-orta şiddette periodontitis hastalarının periodontal, davranışsal ve sistemik durumlarının belirlenmesi", Yeditepe Dental Journal, 2020.
- D3. "Başlangıç Periodontal Tedavide Sistemik Antibiyotiklerin Kullanımı Ondokuz Mayıs Üniversitesi Diş Hekimliği Faku İtesi Dergisi 2014 15 2 37 48 2015", Ondokuz Mayıs Üniversitesi Diş Hekimliği Fakültesi Dergisi, 2015.
- D4. "Loss of Permanent Central Incisors in a 9 Year Old Girl Due to Severe Periodontal Damage with an Unusual Etiology Case Report", Türkiye Klinikleri Diş Hekimliği Bilimleri Dergisi, 2015.
- D5. "Histologic and histomorphometric assessment of eggshell-derived bone graft substitutes on bone healing in rats", Journal of Clinical and Experimental Dentistry, 2013.
- D6. "Fiber ağ ile güçlendirmenin kırılma direncine etkisinin in vitro olarak değerlendirilmesi", Türk Dişhekimliği Dergisi, 2013.
- D7. "Kapaklı braketlerle yapılan ortodontik tedavilerin periodontal açıdan değerlendirilmesi", Türkiye Klinikleri Diş Hekimliği Bilimleri Dergisi, 2013.

D8. "Lactoferrin in gingival crevicular fluid and peripheral blood during experimental gingivitis", European Journal Of Dentistry, 2009.