

Prof. Hilal TOYGAR

Personal Information

Email: htoygara@medipol.edu.tr

Web: https://avesis.medipol.edu.tr/htoygar

International Researcher IDs

ScholarID: 0EdOu8AAAAJ

ORCID: 0000-0001-7409-1484

Publons / Web Of Science ResearcherID: IRZ-3234-2023

ScopusID: 57502677800

Yoksis Researcher ID: 161762

Biography

Doğum Yılı: 1970

Lise: Özel Tevfik Fikret Lisesi

LİSANS: Ankara Üniversitesi Diş Hek Fak (1993)

Doktora: Ankara Üniversitesi Periodontoloji AD(2000)

Doçenlik: Başkent Ünivesitesi (2011)

Profesörlük: İ. Medipol Üniversitesi (2017)

Medeni Hali: Evli

Education Information

Undergraduate, Ankara University, Diş Hekimliği Fakültesi, Klinik Bilimler Bölümü, Turkey 1988 - 1993

Foreign Languages

French, B2 Upper Intermediate

Dissertations

Dental Specialty, Yönlendirilmiş Doku Rejenerasyonu Tekniğı Kullanarak Farklı Yapıdaki İki Tip Bariyer Memran Uygulamanın Uzun Dönem Klinik Değerlendirmesi, Ankara University, Diş Hekimliği Fakültesi, Klinik Bilimler Bölümü, 2000

Research Areas

Academic Titles / Tasks

Professor, Istanbul Medipol University, Diş Hekimliği Fakültesi, Klinik Bilimler Bölümü, 2016 - Continues
Associate Professor, Istanbul Medipol University, Diş Hekimliği Fakültesi, 2011 - Continues

Advising Theses

Hilal T., PERİODONTİTİS VE PARKİNSON HASTALIĞI ARASINDAKİ İLİŞKİNİN MİKROBİYAL AÇIDAN İNCELENMESİ,
Doctorate, E.YAY(Student), 2023

Hilal T., Dental implantların osseointegrasyon sürecinin farklı mobilite ölçüm yöntemleri ve klinik parametreler
kullanılarak karşılaştırmalı olarak değerlendirilmesi, Dental Specialty, S.UZUNOĞLU(Student), 2017

Toygar H., Evaluation of the effect of the periodontal status on in vitro fertilization, Dental Specialty, N.ALTAŞ(Student),
2015

Hilal T., Trombositten Zengin Fibrin'in osseointegrasyon üzerindeki etkisinin rezonans frekans analizi ile
değerlendirilmesi, Dental Specialty, A.GÜLER(Student), 2015

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Oral and gut microbial profiling in periodontitis and Parkinson's disease.**
Yay E., Yilmaz M., TOYGAR H., BALCI N., Alvarez Rivas C., Bolluk Kılıç B., Zirh A., Paster B. J., Kantarci A.
Journal of oral microbiology, vol.16, no.1, pp.2331264, 2024 (SCI-Expanded)
- II. **Do arginine metabolites have a role in periodontitis due to smoking? A new perspective.**
Yilmaz M., Yay E., Atalay N., BALCI N., KURGAN Ş., TOYGAR H., SERDAR M. A.
Oral diseases, vol.30, no.2, pp.743-753, 2024 (SCI-Expanded)
- III. **Neopterin, 7,8-dihydroneopterin, total neopterin levels and their ratio in periodontitis: New dilemma**
TÜRKMEN E., Sayedyousef H., Ucar D., YILMAZ M., Akdoğan N., BALCI N., KURGAN Ş., TOYGAR H., SERDAR M. A.
Oral Diseases, 2024 (SCI-Expanded)
- IV. **Parkinson's disease alters the composition of subgingival microbiome**
Yay E., Yilmaz M., Toygar H., Balci N., Alvarez Rivas C., Bolluk Kılıç B., Zirh A., Paster B., Kantarci A.
JOURNAL OF ORAL MICROBIOLOGY, vol.15, no.1, 2023 (SCI-Expanded)
- V. **Parkinson's disease is positively associated with periodontal inflammation**
Yilmaz M., Yay E., Balci N., Toygar H., Kılıç B. B., Zirh A., Rivas C. A., Kantarci A.
JOURNAL OF PERIODONTOLOGY, vol.94, no.12, pp.1425-1435, 2023 (SCI-Expanded)
- VI. **Sirtuin6 and Lipoxin A4 levels are decreased in severe periodontitis**
ÇEKİCİ A., Sahinkaya S., Donmez M. F., TÜRKMEN E., BALCI N., TOYGAR H.
Clinical Oral Investigations, vol.27, no.12, pp.7407-7415, 2023 (SCI-Expanded)
- VII. **Salivary irisin level is higher and related with interleukin-6 in generalized periodontitis**
TÜRKMEN E., Uzun E. V., Bozaba F., BALCI N., TOYGAR H.
Clinical Oral Investigations, vol.27, no.6, pp.3001-3008, 2023 (SCI-Expanded)
- VIII. **Serum, saliva, and gingival tissue human β -defensin levels in relation to retinoic acid use**
Atalay N., BALCI N., Toygar H., Yardimci G., Gürsoy U. K.
Journal of Periodontology, vol.94, no.5, pp.597-605, 2023 (SCI-Expanded)
- IX. **Does anxiety have an impact on temporomandibular disorders? A study in a Turkish sample by using specific questionnaires**
AKBULUT A., Kurt H., Uslu Toygar H., YILDIRIM E.

Cranio - Journal of Craniomandibular Practice, 2022 (SCI-Expanded)

- X. **The periodontal management of a patient with acute myelomonocytic leukemia Akut myelomonositik lösemisi olan bir hastanın periodontal tedavisi**
Güzeldemir E., Toygar H., Koçer N. E., Kizilkiliç E.
Nobel Medicus, vol.8, no.1, pp.110-113, 2012 (SCI-Expanded)
- XI. **Dental and periodontal health status of subjects with sickle cell disease**
Guzeldemir E., Toygar H., Boga C., Cilasun U.
Journal of Dental Sciences, vol.6, no.4, pp.227-234, 2011 (SCI-Expanded)
- XII. **Orak hücre anemili hastaların dişetlerindeki nitrik oksit sentetaz ekspresyonu ve dişeti oluşu sıvılarındaki nitrik oksit düzeyinin değerlendirilmesi**
GÜZELDEMİR AKÇAKANAT E., TOYGAR USLU H., BAL N., ANARAT R., BOGA C.
Turkish Journal of Hematology, vol.28, no.2, pp.115-124, 2011 (SCI-Expanded)
- XIII. **Nitric oxide in gingival crevicular fluid and nitric oxide synthase expression in the gingival of patients with sickle cell disease Orak hücre anemili hastaların dişetlerindeki nitrik oksit sentetaz ekspresyonu ve dişeti oluşu sıvılarındaki nitrik oksit düzeyinin değerlendirilmesi**
GÜZELDEMİR AKÇAKANAT E., Toygar H., Bal N., Anarat R., Boğa C.
Turkish Journal of Hematology, vol.28, no.2, pp.115-124, 2011 (SCI-Expanded)
- XIV. **Nitric oxide synthase in gingival tissues of patients with chronic periodontitis and with and without diabetes**
Pan Z., GÜZELDEMİR AKÇAKANAT E., Toygar H., Bal N., Bulut S.
Journal of Periodontology, vol.81, no.1, pp.109-120, 2010 (SCI-Expanded)
- XV. **Regeneration of multiple adjacent bone dehiscences with guided tissue regeneration after orthodontic proclination: A corrective treatment approach**
Toygar H., Kircelli B. H.
International Journal of Periodontics and Restorative Dentistry, vol.30, no.4, pp.345-353, 2010 (SCI-Expanded)
- XVI. **Long-term clinical evaluation and SEM analysis of the e-PTFE and titanium membranes in guided tissue regeneration**
Toygar H., GÜZELDEMİR AKÇAKANAT E., Cilasun U., Akkor D., Arpak N.
Journal of Biomedical Materials Research - Part B Applied Biomaterials, vol.91, no.2, pp.772-779, 2009 (SCI-Expanded)
- XVII. **Alport syndrome: Significance of gingival biopsy in the initial diagnosis and periodontal evaluation after renal transplantation**
Toygar H., Toygar O., GÜZELDEMİR AKÇAKANAT E., Cilasun U., Nacar A., Bal N.
Journal of Applied Oral Science, vol.17, no.6, pp.623-629, 2009 (SCI-Expanded)
- XVIII. **Oral health-related quality of life and periodontal health status in patients undergoing hemodialysis**
GÜZELDEMİR AKÇAKANAT E., Toygar H., Tasdelen B., Torun D.
Journal of the American Dental Association, vol.140, no.10, pp.1283-1293, 2009 (SCI-Expanded)
- XIX. **Pain perception and anxiety during scaling in periodontally healthy subjects**
GÜZELDEMİR AKÇAKANAT E., Toygar H., Cilasun U.
Journal of Periodontology, vol.79, no.12, pp.2247-2255, 2008 (SCI-Expanded)
- XX. **Osteoprotegerin in gingival crevicular fluid under long-term continuous orthodontic force application**
Toygar H., Kircelli B. H., Bulut S., Sezgin N., Tasdelen B.
Angle Orthodontist, vol.78, no.6, pp.988-993, 2008 (SCI-Expanded)
- XXI. **Displacement of tooth fragments to the lower lip: A report of a case presenting an immediate diagnostic approach**
Pektas Z. Ö., Kircelli B. H., Uslu H.
Dental Traumatology, vol.23, no.6, pp.376-379, 2007 (SCI-Expanded)
- XXII. **Periodontal health and adverse pregnancy outcome in 3,576 Turkish women**
Uslu Toygar H., SEYDAOĞLU G., Kurklu S., GÜZELDEMİR AKÇAKANAT E., Arpak N.
Journal of Periodontology, vol.78, no.11, pp.2081-2094, 2007 (SCI-Expanded)

- XXIII. **Combined therapy in a patient with Papillon-Lefèvre syndrome: A 13-year follow-up**
Toygar H., Kircelli C., Firat E., GÜZELDEMİR AKÇAKANAT E.
Journal of Periodontology, vol.78, no.9, pp.1819-1824, 2007 (SCI-Expanded)
- XXIV. **Excessive gingival bleeding in two patients with glanzmann thrombasthenia**
Toygar H., GÜZELDEMİR AKÇAKANAT E.
Journal of Periodontology, vol.78, no.6, pp.1154-1158, 2007 (SCI-Expanded)
- XXV. **Three siblings with juvenile hyaline fibromatosis**
Uslu H., Bal N., GÜZELDEMİR AKÇAKANAT E., Pektas Z.
Journal of Oral Pathology and Medicine, vol.36, no.2, pp.123-125, 2007 (SCI-Expanded)
- XXVI. **Destructive membranous periodontal disease (ligneous periodontitis)**
Günhan Ö., GÜNHAN M., BERKER A. E., Gürgan C. A., Yildirim H.
Journal of Periodontology, vol.70, no.8, pp.919-925, 1999 (SCI-Expanded)

Articles Published in Other Journals

- I. **Clinical comparisons of different fixed orthodontic retainers**
Güneş R. O., Sayar G., Toygar H.
Dental Press Journal of Orthodontics, vol.27, no.6, 2022 (Scopus)
- II. **INVESTIGATION OF THE EFFET OF REMOVABLE RETAINERS ON TOOTH MOBILITY AFTER ORTHODONTIC TREATMENT**
BALCI N., TOYGAR H., KIRÇELLİ B.
Atatürk Üniversitesi Diş Hekimliği Fakültesi Dergisi, vol.31, no.2, pp.175-181, 2021 (Peer-Reviewed Journal)
- III. **EVALUATING THE EFFECTS OF PERIODONTAL HEALTH ON IN VITRO FERTILIZATION OUTCOMES**
ALTAŞ N., TOYGAR H., CİLASUN Ü., AYGÜN B. K., DEMİR B.
Afyon Kocatepe Üniversitesi Kocatepe Tıp Dergisi, vol.21, no.4, pp.289-294, 2020 (Peer-Reviewed Journal)
- IV. **ADIN İMPLANTLARININ KISA DÖNEM RADYO FREKANS ANALİZ ÖLÇÜMLERİ**
DEMİR B., BALCI N., KARA H. B., ÇAKAN U., TOYGAR H.
Clinical Dentistry and Research, vol.41, no.1, pp.10-18, 2017 (Peer-Reviewed Journal)
- V. **FABRICATION OF A SCREW-RETAINED HYBRID PROSTHESIS FOLLOWING TREATMENT OF PERI-IMPLANT DEFECTS: A CASE REPORT**
USLU TOYGAR H., SAYIN ÖZEL G., OĞUZ-AHMET B. S.
Journal of Istanbul University Faculty of Dentistry, vol.50, no.3, pp.57-61, 2016 (Peer-Reviewed Journal)
- VI. **Multidisciplinary Treatment of Multiple Traumatized Anterior Teeth: 2 Year Follow-Up: Case Report**
BALCI N., ALTAŞ N., ERKAN E., TOYGAR H.
Türkiye Klinikleri Journal of Dental Sciences Cases, vol.2, no.2, pp.88-92, 2016 (Peer-Reviewed Journal)
- VII. **Chronic myelogenous leukemia presenting with osteomyelitis: A case report and review of literature**
GÜZELDEMİR AKÇAKANAT E., Uslu Toygar H., Bal N., Boga C.
Turk Geriatri Dergisi, vol.11, no.2, pp.88-93, 2008 (Scopus)
- VIII. **Gingival depigmentation methods and evaluation of laser treatment Gingival pigmentasyonların tedavisinde uygulanan yöntemler**
Toygar H.
SENDROM, vol.19, no.8, pp.38-42, 2007 (Scopus)
- IX. **Mandibular osteomyelitis developing due to a failed root canal treatment in a patient with multiple myeloma**
GÜZELDEMİR AKÇAKANAT E., Toygar H., Boga C., Bal N.
Gulhane Medical Journal, vol.49, no.4, pp.264-267, 2007 (Scopus)
- X. **From alveolar diffuse atrophy to aggressive periodontitis: a brief history.**
GÜZELDEMİR AKÇAKANAT E., Toygar H.
Journal of the history of dentistry, vol.54, no.3, pp.96-99, 2006 (Scopus)
- XI. **Analysis of proliferative activity in oral gingival epithelium in immunosuppressive medication**

induced gingival overgrowth.

Bulut S., Uslu H., Ozdemir B. H., Bulut O. E.

Head & face medicine, vol.2, pp.13, 2006 (Scopus)

XII. Expression of caspase-3, p53 and Bcl-2 in generalized aggressive periodontitis.

Bulut S., Uslu H., Ozdemir B. H., Bulut O. E.

Head & face medicine, vol.2, pp.17, 2006 (Scopus)

Books & Book Chapters

I. Neurodegeneratif diseases and Periodontal Inflammation. Nörodejeneratif Bozukluklar ve Periodontal İnflamasyon.

Toygar H. (Editor)

Türkiye Klinikleri Yayınevi, İstanbul, 2022

Refereed Congress / Symposium Publications in Proceedings

I. Periodontitisli Bireylerde Tükürük ve Serum İrisin Seviyelerinin Değerlendirilmesi

TÜRKMEN E., Uzun E. V., Bozaba M. F., BALCI N., TOYGAR H.

Türk Periodontoloji Derneği 51.Uluslararası Bilimsel Kongresi, Turkey, 07 November 2022

II. Periodontitiste Periodontal Durum ile İlişkili Serum ve Tükürük Sirtuin6, Lipoxina4, Kaspaz8 Seviyeleri

DÖNMEZ M. F., ÇEKİCİ A., ŞAHİNKAYA S., TÜRKMEN E., BALCI N., TOYGAR H.

Türk Periodontoloji Derneği 51. Uluslararası Bilimsel Kongresi, Turkey, 07 November 2022

III. Kron boyu uzatma işlemi yardımıyla yapılan estetik bölge zirkonyum altyapılı restorasyon

KILIÇASLAN A., BİLİR H., TOYGAR H.

TDB 24. Uluslararası Diş Hekimliği Kongresi, Ankara, Turkey, 27 - 30 September 2018