

## Assoc. Prof. MELTEM BAKKAL

### Personal Information

**Email:** MBakkal@bezmialem.edu.tr

**Web:** <https://avesis.bezmialem.edu.tr/MBakkal>

### Education Information

Doctorate, Marmara Üniversitesi, Sağlık Bilimleri Enstitüsü, Pedodonti Anabilim Dalı, Turkey 2008 - 2013

Post Graduate, Marmara Üniversitesi, Diş Hekimliği Fakültesi, Turkey 2002 - 2007

### Dissertations

Doctorate, Çocuklarda Total Tükürük Proteinlerinin Proteomik Analizi Ve Değerlendirilmesi, Marmara Üniversitesi, Sağlık Bilimleri Fakültesi, Pedodonti Anabilim Dalı, 2013

### Research Areas

Health Sciences, Dentistry

### Academic Titles / Tasks

Associate Professor, Bezmialem Vakıf University, Faculty Of Dentistry, Department Of Clinical Sciences, 2021 - Continues

Assistant Professor, Bezmialem Vakıf University, Faculty Of Dentistry, Diş Hekimliği, 2018 - 2021

Assistant Professor, Bezmialem Vakıf University, Diş Hekimliği Fakültesi, Diş Hekimliği, 2014 - 2018

### Professional Experience

Head of Department, Bezmialem Vakıf University, Faculty Of Dentistry, Department Of Clinical Sciences, 2019 - Continues

Ethics Committee Member, Bezmialem Vakıf University, 2016 - Continues

Head of Department, Bezmialem Vakıf University, 2016 - 2016

### Advising Theses

Bakkal M., MOLAR KESİCİ HİPOMİNERALİZASYONU TEŞHİS EDİLEN ÇOCUKLARDA GLUTEN İLE İLİŞKİLİ RAHATSIZLIKLARIN VARLIĞININ SEROLOJİK VE GENETİK TESTLER İLE İNCELENMESİ, Expertise In Medicine, A.VERİM(Student), 2021

Bakkal M., 'Genel anestezi altında tedavi edilen çocuklarda serum ve tükürük örnekleri ile dental anksiyete parametrelerinin kantitatif olarak değerlendirilmesi', Dental Specialty, S.YILDIRIM(Student), 2016

### Jury Memberships

Expertise In Medicine, Expertise In Medicine, Bezmiâlem Vakıf Üniversitesi, January, 2021  
Expertise In Medicine, Expertise In Medicine, Bezmiâlem Vakıf Üniversitesi, January, 2021  
Appointment Academic Staff, Appointment Academic Staff, Bezmiâlem Vakıf Üniversitesi, January, 2021  
Expertise In Medicine, Expertise In Medicine, Bezmiâlem Vakıf Üniversitesi, December, 2020  
Doctoral Examination, Doctoral Examination, Bezmiâlem Vakıf Üniversitesi, August, 2020  
Appointment Academic Staff, Appointment Academic Staff, Bezmiâlem Vakıf Üniversitesi, March, 2020  
Expertise In Medicine, Expertise In Medicine, Bezmiâlem Vakıf Üniversitesi, March, 2019  
Expertise In Medicine, Expertise In Medicine, Bezmiâlem Vakıf Üniversitesi, May, 2018  
Expertise In Medicine, Expertise In Medicine, Bezmiâlem Vakıf Üniversitesi, February, 2018  
Expertise In Medicine, Expertise In Medicine, Bezmiâlem Vakıf Üniversitesi, December, 2017  
Expertise In Medicine, Expertise In Medicine, Bezmiâlem Vakıf Üniversitesi, November, 2017  
Expertise In Medicine, Expertise In Medicine, Bezmiâlem Vakıf Üniversitesi, October, 2017  
Expertise In Medicine, Expertise In Medicine, Bezmiâlem Vakıf Üniversitesi, September, 2017  
Expertise In Medicine, Expertise In Medicine, Bezmiâlem Vakıf Üniversitesi, May, 2017  
Expertise In Medicine, Expertise In Medicine, Bezmiâlem Vakıf Üniversitesi, May, 2017  
Expertise In Medicine, Expertise In Medicine, Bezmiâlem Vakıf Üniversitesi, February, 2017  
Expertise In Medicine, Expertise In Medicine, Bezmiâlem Vakıf Üniversitesi, January, 2017  
Expertise In Medicine, Expertise In Medicine, Bezmiâlem Vakıf Üniversitesi, October, 2015

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Temporomandibular dysfunction assessment in children treated with the Hall Technique: A pilot study**  
Kaya M. S. , Kinay T., Bakkal M.  
INTERNATIONAL JOURNAL OF PAEDIATRIC DENTISTRY, vol.30, no.4, pp.429-435, 2020 (Journal Indexed in SCI)
- II. **Structural and mechanical analysis of three orthodontic adhesive composites cured with different light units**  
YILMAZ B., BAKKAL M., Kurt B.  
JOURNAL OF APPLIED BIOMATERIALS & FUNCTIONAL MATERIALS, vol.18, 2020 (Journal Indexed in SCI)
- III. **Polymerization characteristics of colored compomers cured with different LED units**  
Bakkal M., Yilmaz B., Durmus A., Durmus Z., Ozalp S.  
JOURNAL OF APPLIED BIOMATERIALS & FUNCTIONAL MATERIALS, vol.17, 2019 (Journal Indexed in SCI)
- IV. **Effect of short-term mechanical stimulation on the salivary concentrations of vitamin C, vitamin E, total antioxidant capacity and total oxidant status**  
LEMES A. L. , AMADEU J. K. , Salazar C. B. , SCHUSSEL J. L. , Bakkal M., AMENÁBAR J. M.  
SCANDINAVIAN JOURNAL OF CLINICAL & LABORATORY INVESTIGATION, vol.78, pp.556-559, 2018 (Journal Indexed in SCI)
- V. **The Effect of Parenting Styles on Behavior Management Technique Preferences in a Turkish Population.**  
Taran P., Kaya M. S. , Bakkal M., Özalp Ş.  
Pediatric dentistry, vol.40, pp.360-364, 2018 (Journal Indexed in SCI Expanded)
- VI. **Quantitative evaluation of dental anxiety indicators in the serum and saliva samples of children treated under general anesthesia**  
Yıldırım S., Bakkal M., Bulut H., Selek Ş.  
CLINICAL ORAL INVESTIGATIONS, vol.22, no.6, pp.2373-2380, 2018 (Journal Indexed in SCI)
- VII. **Structural and mechanical properties of a giomer-based bulk fill restorative in different curing conditions**  
Kaya M. S. , Bakkal M., Durmus A., Durmuş Z.  
JOURNAL OF APPLIED ORAL SCIENCE, vol.26, 2018 (Journal Indexed in SCI)
- VIII. **The Effect of Casein Phosphopeptide-Amorphous Calcium Phosphate on Molar-Incisor**

### **Hypomineralisation: A Pilot Study**

BAKKAL M., abbasoglu z., kargul b.

ORAL HEALTH & PREVENTIVE DENTISTRY, vol.15, no.2, pp.163-167, 2017 (Journal Indexed in SCI)

- IX. **Quantitative Proteomic Analysis of the Effect of Fluoride on the Acquired Enamel Pellicle**  
siqueira w. l. , BAKKAL M., Xiao Y., sutton j., mendes f.  
PLOS ONE, vol.7, no.8, 2012 (Journal Indexed in SCI)
- X. **The effect of laser-activated Acidulated Phosphate Fluoride on enamel submitted to erosive solution only: an in vitro preliminary evaluation**  
altinok b., tanboga i., peker s., eren f., BAKKAL M., peker f.  
EUROPEAN JOURNAL OF PAEDIATRIC DENTISTRY, vol.12, no.1, pp.13-16, 2011 (Journal Indexed in SCI)
- XI. **The effect of laser-activated Acidulated Phosphate Fluoride on enamel submitted to erosive solution only: an in vitro preliminary evaluation.**  
Altinok B., Tanboga I., Peker S., Eren F., Bakkal M., Peker F.  
European journal of paediatric dentistry, vol.12, pp.13-6, 2011 (Journal Indexed in SCI)

### **Articles Published in Other Journals**

- I. **Dental Treatment of Two Children with Niemann Pick Disease Type B Under General Anesthesia: Case Reports**  
KAYA M. S. , BAKKAL M., YEŞİLTAŞ S.  
BEZMIALEM SCIENCE, vol.7, pp.74-76, 2019 (Journal Indexed in ESCI)
- II. **Success rate of using metronidazole paste in pulpal treatment of infected deciduous molars: 6-30 months follow up**  
BAKKAL M., KAYA M. S.  
Journal of Dental Specialities, vol.6, pp.115-120, 2019 (Refereed Journals of Other Institutions)
- III. **Evaluation of Dental Treatments in Children Performed under General Anesthesia**  
BAKKAL M.  
BEZMIALEM SCIENCE, vol.6, pp.248-252, 2018 (Other Refereed National Journals)
- IV. **Hall teknik uygulamasında paslanmaz çelik kuronların neden olduğu oklüzal dikey boyut artışının takibi: Pilot çalışma**  
KAYA M. S. , KINAY TARAN P., BAKKAL M.  
Yeditepe Dental Journal, vol.14, pp.37-42, 2018 (National Refreed University Journal)
- V. **The differential electrophoretic patterns of statherin and histatins in caries-active and caries-free children**  
BAKKAL M., KARGÜL B.  
International Journal of Applied Dental Sciences, vol.4, pp.365-370, 2018 (Refereed Journals of Other Institutions)
- VI. **Clinical follow- up of occlusal vertical dimension increase in stainless steel crowns applied with hall technique: A pilot study**  
KAYA M. S. , kınay taran p., BAKKAL M.  
Yeditepe Dental Journal, vol.14, pp.37-42, 2018 (Other Refereed National Journals)
- VII. **Clinical follow-up of occlusal vertical dimension increase in stainless steel crowns applied with hall technique: A pilot study**  
KAYA M. S. , KINAY TARAN P., BAKKAL M.  
7Tepe Klinik, 2018 (Other Refereed National Journals)
- VIII. **Validity and reliability of Child Perception Questionnaire (CPQ(11-14)) by Rasch Analysis in Turkish children**  
Bekiroglu N., Bakkal M., Ozbay G., Karadeniz P. G. , KARGÜL B.  
PEDIATRIC DENTAL JOURNAL, vol.27, no.1, pp.14-20, 2017 (Journal Indexed in ESCI)
- IX. **Effect of Long Term 900 MHz Radiofrequency Radiation on Enamel Microhardness of Rat's Teeth**  
dasdag s., yavuz i., BAKKAL M., kargul b.

oral health and dental management, vol.13, pp.1, 2014 (Refereed Journals of Other Institutions)

- X. **Incidence and prevention of traumatic injuries in paediatric handball players in Istanbul, Turkey**  
ozbay g., BAKKAL M., abbasoglu z., demirel s., kargul b., welbury r.  
EUROPEAN ARCHIVES OF PAEDIATRIC DENTISTRY, vol.14, no.1, pp.41-45, 2013 (Journal Indexed in ESCI)
- XI. **Çocuk Diş Hekimliğinde Adeziv Sistemlerde Yeni Yaklaşımlar**  
BAKKAL M., kargul b.  
Türkiye Klinikleri Journal of Dental Sciences-Special Topics, vol.2, no.2, pp.13-22, 2011 (Other Refereed National Journals)
- XII. **Systems for the Provision of Oral Health Care in the Black Sea Countries. Part 6: Turkey**  
kargul b., BAKKAL M.  
oral health and dental management, vol.9, pp.115-121, 2010 (Refereed Journals of Other Institutions)
- XIII. **Prevalance, Etiology, Risk Factors, Diagnosis, and Preventive Strategies of Dental Erosion: Literature Review (Part I & Part II)**  
kargul b., BAKKAL M.  
ACTA STOMATOLOGICA CROATICA, vol.43, no.3, pp.163-187, 2009 (Refereed Journals of Other Institutions)

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

- I. **Evaluation of permanent second molars'xx inclination following permanent first molars extraction**  
Bakkal M., Yılmaz B., Kaya M. S. , Ünver T., Kınay Taran P., Özalp Ş.  
26. Uluslararası TPD Kongresi, Antalya, Turkey, 10 - 13 October 2019
- II. **Bir grup çocukta bilateral süt azı çekimlerinden sonra çığneme parametreleri**  
KAYA M. S. , KINAY TARAN P., BAKKAL M., ÖZALP Ş.  
Türk Dişhekimleri Birliği 25. Uluslararası Dişhekimliği Kongres, İstanbul, Turkey, 4 - 07 September 2019
- III. **Awareness of pediatriicians and family physicians about children'xxs oral and dental health.**  
BAKKAL M., bozoglu b., gundogdu s.  
2. International Symposium "Prevent from Caries", İstanbul, Turkey, 26 - 27 April 2019
- IV. **The polymerization degrees of compomer resin samples cured with different light curing units**  
BAKKAL M.  
International Meandros Dental Congress, Aydın, Turkey, 23 - 25 November 2018
- V. **Dental approach to Niemann Pick Disease under general anaesthesia**  
KAYA M. S. , BAKKAL M.  
24th IADH Congress, Dubai, United Arab Emirates, 31 August 2018, pp.1
- VI. **Delayed replantation of a lower canine; 1 year follow-up**  
verim cicekci a., BAKKAL M.  
20th World Congress of Dental Traumatology, San Diego, United States Of America, 15 August 2018, pp.1
- VII. **Management of a complex dental trauma case.**  
mammadli n., BAKKAL M.  
20th World Congress of Dental Traumatology, San Diego, United States Of America, 15 August 2018, pp.1
- VIII. **A Recurrent Dental Trauma Case with Undisclosed Epilepsy History**  
GÜNAY B., BAKKAL M., KAYA M. S.  
20th World Congress on Dental Traumatology, San Diego, United States Of America, 15 August 2018, pp.15
- IX. **The quality of information about fluoride treatment on the internet**  
KINAY TARAN P., BAKKAL M.  
14th Congress of European Academy of Paediatric Dentistry (EAPD), Lugano, Switzerland, 20 June 2018, pp.1
- X. **Primary teeth pulpectomy clinical and radiological success: A retrospective comparison of two techniques.**  
BAKKAL M., KAYA M. S.  
International Congress on Preventive Dentistry, Erzurum, Turkey, 05 March 2018, pp.1
- XI. **The association between dental caries and oxidative stress parameters in children**

- BAKKAL M., yildirim s.  
International Congress on Preventive Dentistry, Erzurum, Turkey, 05 March 2018, pp.1
- XII. **Knowledge of Biostatistics in a Group of Dental Postgraduate Students**  
BEKİROĞLU G. N. , sen b., ABBASOĞLU Z., BAKKAL M., KARGÜL B.  
The American Dental Education Association (ADEA)/ the Association for Dental Education in Europe (ADEE)  
Meeting, London, United Kingdom, 8 - 09 May 2017
- XIII. **Dental management of a patient with Williams Syndrome: A case report.**  
BAKKAL M., unal g., birlik m., KARGÜL B.  
23rd IADH Congress in conjunction with the SCDA 28th Annual Meeting, Chicago, United States Of America, 14 - 17  
April 2016
- XIV. **Çürüklü ve çürüksüz çocuklarda tükürük proteom analizi.**  
BAKKAL M., KARGÜL B., ari t., siqueira w.  
22. TPD Kongresi, Girne, Cyprus (Kkct), 2 - 05 November 2015
- XV. **Cep Telefonlarının Yayıdığı 900Mhz Işıkların Mine Mikro-Sertliğine Etkisi: Pilot Çalışma.**  
YAVUZ İ., DAŞDAĞ S., BAKKAL M., KARGÜL B.  
18. Türk Pedodonti Derneği Kongresi, İstanbul, Turkey, 1 - 03 April 2011, vol.13, pp.749-752
- XVI. **Comparison of some Salivary Proteins by Gel Electrophoresis in Caries-active and Caries-free Children**  
BAKKAL M., KARGÜL B., hatibovic kofman s., ari t., yizhi x., siqueira w.  
12th Congress of European Academy of Paediatric Dentistry (EAPD), SOPOT, Poland, 5 - 08 June 2014
- XVII. **Knowledge and Prevention of Traumatic Injuries in Handball in İstanbul**  
BAKKAL M., ABBASOĞLU Z., ozbay g., demirel s., KARGÜL B.  
16th World Congress of Dental Traumatology, Verona, Italy, 11 - 13 June 2010, vol.14, pp.41-45
- XVIII. **Quality of Randomized Controlled Trials on Pulpotomy in Primary Teeth**  
BAKKAL M., KARGÜL B.  
7th EAPD Interim Seminar and Workshop - 18th Congress of the Turkish Society of Paediatric Dentistry, İstanbul,  
Turkey, 31 March - 02 April 2011
- XIX. **Laser Activated Fluor Effect on Human Enamel Microhardness in Erosive Solution.**  
DURMUŞ B., TANBOĞA Ş. İ. , BAKKAL M., PEKER YILDIRIM F.  
5th Congress of the International Society for Oral Laser Applicatons, VİYANA, Austria, 22 - 25 October 2009, vol.12,  
pp.13-16
- XX. **Prevalance of dental erosion and associated factors in school children.**  
ÖZTÜRK B., AKYÜZ S. H. , BAKKAL M., KARGÜL B.  
10th Congress of the European Academy of Paediatric Dentistry jointly with the British Society of Paediatric  
Dentistry, Harrogate, United Kingdom, 3 - 06 June 2010
- XXI. **A meta-analysis of the association between children with asthma and dental caries**  
BAKKAL M., yıldız n., BEKİROĞLU G. N. , KARGÜL B.  
4th International Meeting: Methodological Issues in Oral Health Research: Intervention Studies, İstanbul, Turkey,  
21 - 23 April 2010

## Citations

Total Citations (WOS):116

h-index (WOS):6

## Awards

Bakkal M., Yılmaz B., Kaya M. S. , Ünver T., Kınay Taran P., Özalp Ş., Türk Pedodonti Derneği Kongresi Sözlü Sunum İkincilik Ödülü, Türk Pedodonti Derneği, October 2019