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Education Information

Post Doctorate of Medicine, Dokuz Eylul University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, Turkey 2013 - 2016

Expertise In Medicine, Dokuz Eylul University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, Turkey 1999 - 2004

Undergraduate, Ege University, Ege Tıp Fakültesi, Turkey 1993 - 1999

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Health Sciences

Academic Titles / Tasks

Associate Professor, Dokuz Eylul University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2011 - Continues

Lecturer, Dokuz Eylul University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2005 - 2011

Advising Theses

MAKAY B., Ailevi akdeniz ateşi tanılı olgularda yaşam kalitesi ve yaşam kalitesine etki eden faktörlerin değerlendirilmesi, Expertise In Medicine, M.KAPLAN(Student), 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **COVID-19 vaccination rates and factors affecting vaccination in children with rheumatic disease**
AYDIN T., Baykal G. Ö., Karagöl C., Haşlak F., Vazgeçer E. O., TORUN R., Kızıldağ Z., Könte E. K., Aslan E., Güngör V., et al.
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- II. **Risk of tuberculosis in children with rheumatologic diseases treated with biological agents: A cross-sectional cohort study**
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Archives of Rheumatology, vol.38, no.4, pp.549-555, 2023 (SCI-Expanded)

- III. **Risk of flare in juvenile idiopathic arthritis: Is it related to the methotrexate treatment strategy or patient characteristics?**
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Archives of Rheumatology, vol.38, no.4, pp.602-610, 2023 (SCI-Expanded)
- IV. **Inflammatory comorbidities in the largest pediatric Familial Mediterranean fever cohort: a multicenter retrospective study of Pediatric Rheumatology Academy (PeRA)-Research Group (RG).**
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- V. **Remission rates and risk factors for relapse in pediatric morphea: a multicenter retrospective study of Pediatric Rheumatology Academy (PeRA)-Research Group (RG)**
Bağlan E., Kızıldağ Z., Çağlayan Ş., Çakmak F., Yener G. O., Özdel S., Öztürk K., MAKAY B., Çakan M., Ayaz N. A., et al.
Clinical Rheumatology, vol.42, no.10, pp.2855-2860, 2023 (SCI-Expanded)
- VI. **Evaluation of clinical outcomes in systemic juvenile idiopathic arthritis patients treated with biological agents in Turkey: the TURSIS study.**
Sözeri B., Demir F., Barut K., Atalay E., Pac Kisaarslan A., Özdel S., Altuğ Gücenmez Ö., Makay B., Aktay Ayaz N., Haşlak F., et al.
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- VII. **How common is remission in rheumatoid factor-positive juvenile idiopathic arthritis patients? The multicenter Pediatric Rheumatology Academy (PeRA) research group experience.**
Ozdel S., Sönmez H. E., Çağlayan Ş., Akgün Ö., Aydın T., Baba Ö., Bağrul İ., Yener G. O., Öztürk K., Demir F., et al.
Pediatric rheumatology online journal, vol.21, no.1, pp.72, 2023 (SCI-Expanded)
- VIII. **Exploring the immunological basis of periodic fever, aphthous stomatitis, pharyngitis, and adenitis (PFAPA) syndrome: immunohistochemical staining features of palatine tonsils**
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- IX. **Investigating Wrist Joint Position Sense and Hand Functions in Children With Polyarticular Juvenile Idiopathic Arthritis With Wrist Involvement**
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- X. **Pediatric Behçet's disease: Experience of a single tertiary center**
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- XI. **A clinical overview of paediatric sarcoidosis: Multicentre experience from Turkey**
Guliyeva V., DEMİRKAN F. G., Yigit R. E., ESEN E., BAYINDIR Y., TORUN R., Kilbas G., GEZGİN YILDIRIM D., Yener G. O., Çakan M., et al.
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- XII. **Determinants of physical activity level in children and adolescents with juvenile idiopathic arthritis**
Determinanten des körperlichen Aktivitätsniveaus bei Kindern und Jugendlichen mit juveniler idiopathischer Arthritis
Ozdemir B. C., SAVCI S., TANRIVERDİ A., ÖZCAN KAHRAMAN B., İŞGÜDER R., MAKAY B., ÜNSAL Ş. E.
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- XIII. **Clinical characteristics and predictors for recurrence in chronic nonbacterial osteomyelitis: a retrospective multicenter analysis**
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- XIV. **Risk factors for coronary arterial involvement in Turkish children with Kawasaki disease: a multicenter retrospective study**

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- XV. **Number of Episodes Can Be Used as a Disease Activity Measure in Familial Mediterranean Fever**
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- XVI. **Comparison of Anaerobic Exercise Capacity in Children With Familial Mediterranean Fever and Healthy Controls**
Turkucar S., Bayraktar D., MANCI E., Dundar H. A., MAKAY B., Bediz C. S., SAVCI S., Unsal E.
JCR-JOURNAL OF CLINICAL RHEUMATOLOGY, vol.28, no.2, 2022 (SCI-Expanded)
- XVII. **Does Familial Mediterranean Fever Provoke Atherosclerosis in Children? Evaluation of Arterial Stiffness and Serum Endocan Levels**
Turkucar S., Yildiz K., KÜME T., Acari C., Dundar H. A., Makay B., KIR M., Unsal E.
CLINICAL RHEUMATOLOGY, vol.40, no.10, pp.4199-4206, 2021 (SCI-Expanded)
- XVIII. **Clinical features of children with chronic non-bacterial osteomyelitis: A multicenter retrospective case series from Turkey**
Acari C., ÇOMAK E., ÇEKİÇ Ş., Turkucar S., Dundar H. A., Kilic S. S., AKMAN S., Makay B., ÜNSAL Ş. E.
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- XIX. **Macrophage Activating Syndrome in Patients with Systemic Juvenile Idiopathic Arthritis Treated with Biological Drugs**
Sozeri B., BARUT K., ATALAY E., PAÇ KISAARSLAN A., Ozdel S., Altug O., Demir F., MAKAY B., Ayaz N. A., Acar E., et al.
ARTHRITIS & RHEUMATOLOGY, vol.73, pp.499-500, 2021 (SCI-Expanded)
- XX. **Evaluation of the international severity score for FMF (ISSF) scores in Turkish children diagnosed with FMF: a single-center experience**
Ozdemir F. M. A., Gulez N., Makay B.
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- XXI. **DIFFERENCES IN CLINICAL MANIFESTATION AND DISEASE ACTIVITY OF PEDIATRIC BEHCET DISEASE: A CROSS-SECTIONAL COHORT COMPARISON BETWEEN TURKEY AND UNITED STATES**
Demirkaya E., Romano M., Swearingen C., KASAPÇOPUR Ö., Makay B., Ozen S., Yazici Y.
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- XXIII. **Long-term effectiveness and safety of canakinumab in pediatric familial Mediterranean fever patients**
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- XXIV. **Farber Disease (Acid Ceramidase Deficiency): The First Natural History Study of This Rare Disease Involving Symptoms Which Can Mimic JIA**
Solyom A., Sundberg E., Mitchell J., Grant C., Ferreira C., Harmatz P., Mungan N., Bulut F., Lampe C., Hahn A., et al.
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- XXV. **Development and validation of a composite disease activity score for measurement of muscle and skin involvement in juvenile dermatomyositis**
Rosina S., Consolaro A., van Dijkhuizen P., Pistorio A., Varnier G. C., Bovis F., Nistala K., Maillard S., Civino A., Tsitsami E., et al.
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- XXVI. **Evaluation of the effects of miRNAs in familial Mediterranean fever**
Hortu H. O., KARACA E., Sozeri B., Gulez N., Makay B., GÜNDÜZ C., ATİK T., Tekin I. M., ÜNSAL Ş. E., ÇOĞULU M. Ö.
CLINICAL RHEUMATOLOGY, vol.38, no.3, pp.635-643, 2019 (SCI-Expanded)

- XXVII. **The effects of 8-week water-running program on exercise capacity in children with juvenile idiopathic arthritis: a controlled trial**
Bayraktar D., Savcı S., Altug-Gucenmez O., Mancı E., Makay B., İlçin N., Unsal E.
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- XXVIII. **Role of fecal calprotectin in the assessment of intestinal inflammation in children with familial Mediterranean fever**
Gucenmez O. A., KÜME T., Makay B., Babayigit O., ARSLAN N., Unsal E.
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- XXX. **Evaluation of Restless Legs syndrome and growing pains in children with familial Mediterranean fever**
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- XXXI. **Assessment of sleep problems in children with familial Mediterranean fever**
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- XXXII. **Acid Ceramidase Deficiency is characterized by a unique plasma cytokine and ceramide profile that is altered by therapy**
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- XXXIII. **The Publication Rates of Pediatric Rheumatology Abstracts Presented in European League Against Rheumatism 2009 Congress**
Gucenmez O. A., Bayraktar D., Kocak U. Z., Makay B., ÜNSAL Ş. E.
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Sahin M., Kir M., Makay B., Keskinoglu P., Bora E., Unsal E., Unal N.
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- XXXVIII. **Comparison of the efficacy of once- and twice-daily colchicine dosage in pediatric patients with familial Mediterranean fever - a randomized controlled noninferiority trial**
Polat A., Acikel C., Sozeri B., DURSUN İ., KASAPÇOPUR Ö., Gulez N., Simsek D., Saldır M., Dokurel I., Poyrazoglu H., et al.
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- XXXIX. **Development and Preliminary Validation of a New Composite Disease Activity Measure for Juvenile Dermatomyositis**
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- XL. **Farber Disease: Important Differential Diagnostic Information for JIA and Other Inflammatory Arthritis Phenotypes Is Revealed By Data from the Largest Clinical Cohort to Date**
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- XLII. **Turkish Pediatric Rheumatology Society consensus statements on systemic onset juvenile idiopathic arthritis in Turkey**
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- XLII. **PUBLICATION RATES AND FEATURES OF PEDIATRIC RHEUMATOLOGY ABSTRACTS: INVESTIGATION OF EULAR 2009 CONGRESS**
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- XLIII. **The relationship of neutrophil-to-lymphocyte ratio with gastrointestinal bleeding in Henoch-Schonlein purpura**
Makay B., Guçenmez O. A., DUMAN M., Unsal E.
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- XLV. **Response to: Mean platelet volume and neutrophil-to-lymphocyte ratio in patients with Henoch-Schonlein purpura**
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- XLIX. **Chanarin-Dorfman Syndrome with Multi-System Involvement in Two Siblings**
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- LIII. **Behcet's disease in the differential diagnosis of multiple sclerosis: a pediatric case**
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- LIV. **Characteristics of children with positive tuberculin skin test Tüberkülin cilt testi pozitif saptanan çocukların özellikleri**
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- LV. **Mean Platelet Volume in Obese Adolescents with Nonalcoholic Fatty Liver Disease**
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- LVII. **Infection Caused by Nocardia farcinica Mimicking Pulmonary Metastasis in an Adolescent Girl**
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- LXVII. **Is there a role of melatonin in the development of growing pains?**
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- LXIX. **Letter to the editor**
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- LXX. **The Interaction of Oxidative Stress Response with Cytokines in the Thyrotoxic Rat: Is There a Link?**
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- LXXI. **Intra-articular Triamcinolone in Juvenile Idiopathic Arthritis**
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- LXXII. **The frequency of autoimmune thyroid disorders in juvenile idiopathic arthritis**
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- LXXVI. **An unusual complication of dorsal penile nerve block for circumcision**
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- I. **CAN DISTANCE COMMUNICATION SKILLS TRAINING INCREASE THE EMPATHY LEVELS IN MEDICAL STUDENTS? AN APPLICATION DURING THE PANDEMIC PERIOD**
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- I. **Ne Zaman Otoinflamatuvar Hastalık Düşünelim?**
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Refereed Congress / Symposium Publications in Proceedings

- I. **THE RELATIONSHIP BETWEEN SCAPULAR STABILIZATION AND HAND FUNCTIONS IN CHILDREN WITH JUVENILE IDIOPATHIC ARTHRITIS**
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- III. **KRONİK REKÜRREN MULTİFOKAL OSTEOMİYELİT AYIRICI TANISINDA MALİGNİTE**
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6. Çocuk Romatoloji Kongresi, Antalya, Turkey, 23 - 26 March 2022, pp.356
- IV. **SKLERODERMA VE DERMATOMİYOZİT BİRLİKTELİĞİ: NE ZAMAN SKLEROMİYOZİT, NE ZAMAN MİKST BAĞ DOKU HASTALIĞI ?**
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- V. **Eritrodermik Psöriazise Multidisipliner Yaklaşım**
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- VI. **Tedaviye Dirençli Üveiti Olan Juvenil İdyopatik Artrit Tanılı Hastalarda MEFV Gen Mutasyon Taşıyıcılığının Rolü**
Aydın T., Torun R., İsgüder R., Kızıldağ Karabacak Z., Ünsal Ş. E., Makay B.
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- VII. **Vaskülit Ayırıcı Tanısında Civa İntoksikasyonu**
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- VIII. **Poliartiküler Tutulumla Seyreden İdyopatik Enflamatuvar Miyozit Olgusu**
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6. Çocuk Romatoloji Kongresi, Antalya, Turkey, 23 - 26 March 2022, pp.320
- IX. **Ailevi Akdeniz Ateşi Tanılı Hastada Gelişen İmmunglobulin A Vaskülit ve Mezenterik Pannikülit**
Kızıldağ Karabacak Z., Torun R., İsgüder R., Aydın T., Ünsal Ş. E., Makay B.
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- X. **Nadir Görülen Bir Vaskülopati: Bier Lekeleri**
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- XI. **JÜVENİL İDİOPATİK ARTRİT'Lİ ÇOCUKLAR VE ERGENLERDE FİZİKSEL AKTİVİTENİN BARIYERLERİ VE KOLAYLAŞTIRICILARININ İNCELENMESİ**
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TÜRKUÇAR S., OTAR YENER G., ADIGÜZEL DUNDAR H., AÇARI C., Makay B., YÜKSEL S., ÜNSAL Ş. E.
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- XVII. **Otoinflamatuvar hastalıkların nadir sebebi olarak bilinen NOD2 mutasyonu: gerçekten nadir**
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- XVIII. **Farber disease (acid ceramidase deficiency) natural history study: Prospective and retrospective clinical data**
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- XX. **Juvenil İdiopatik artritli Hastaların Yıllık maliyeti**
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- XXIII. **Decreased vitamin D levels in children with familial Mediterranean fever**
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- XXIV. **Ailesel akdeniz ateşi olan çocuklarda D vitamini düzeyi**
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- XXV. **Relationship of serum ghrelin leptin resistin adiponectin levels with nutritional status and inflammatory determinants in juvenile idiopathic arthritis**
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Supported Projects

BORA B., Project Supported by Higher Education Institutions, Kawasaki Hastalığında MEFV gen mutasyonu sıklığının ve

hastalık seyri ile ilişkisinin değerlendirilmesi, 2020 - 2022

BORA B., Project Supported by Higher Education Institutions, Ailevi Akdeniz ateşi tanısı ile takip edilen çocuklarda kardiyovasküler hastalık riskinin değerlendirilmesi, 2019 - 2020

BORA B., Project Supported by Higher Education Institutions, AİLESEL AKDENİZ ATEŞİ TANILI ÇOCUKLARDA İNTESTİNAL İNFLAMASYONUN DEĞERLENDİRİLMESİNDE FEKAL KALPROTEKTİNİN YERİ, 2014 - 2015

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H-Index (Scopus): 14

Congress and Symposium Activities

3. Romatolojiye Panoramik Bakış Sempozyumu, Invited Speaker, Kocaeli, Turkey, 2024

20. Ulusal Uludağ Pediatri Kış Kongresi, Invited Speaker, Bursa, Turkey, 2024

8. Çocuk Romatoloji Kongresi, Moderator, Antalya, Turkey, 2024

Aydın Pediatri 3. Güz Okulu, Invited Speaker, Aydın, Turkey, 2023

23. Ulusal Romatoloji Kongresi, Session Moderator, Antalya, Turkey, 2023

22. Ulusal Romatoloji Kongresi , Session Moderator, Antalya, Turkey, 2022

Invited Talks

Entezit ilişkili artrit ve inflamatuvar barsak hastalıklarının tedavisi, Seminar, ABBVİE TIBBİ İLAÇLAR, Turkey, May 2023

2. Romatolojiye Panoramik Bakış Sempozyumu, Conference, Ümraniye Pediatri Derneği, Turkey, May 2023

EKLEME BÜTÜNCÜL YAKLAŞIM SEMPOZYUMU, Conference, TÜRK ROMATOLOJİ DERNEĞİ, Turkey, May 2023

ÇOCUK NEFROLOJİ-ROMATOLOJİ GÜNCELLEME TOPLANTILARI-1, Conference, Hacettepe Üniversitesi, Turkey, April 2023

7. Çocuk Romatoloji Kongresi, Conference, Çocuk Romatoloji Derneği, Turkey, March 2023

1. GENÇ PEDİATRİK ROMATOLOGLAR SEMPOZYUMU, Conference, Çocuk Romatoloji Derneği, Turkey, December 2022

CAPS ve SJIA özelinde otoinflamatuvar hastalıklar ve canakinumab tedavisi, Seminar, NOVARTİS, Turkey, November 2022

Novartis I-Talk Pro Toplantısı: Romatolojide Geçiş Polikliniği Uygulamaları, Seminar, NOVARTİS, Turkey, November 2022

1. GAZİ PEDİATRİK NEFROLOJİ VE ROMATOLOJİ SEMPOZYUMU, Conference, Gazi Üniversitesi, Turkey, November 2022

3. Sağlık Bilimleri Üniversitesi Tepecik Romatolojik Hastalıklar ve Multidisipliner Yaklaşım Kongresi, Conference, Sağlık Bilimleri Üniversitesi, Turkey, September 2022

GEÇİŞ POLİKLİNİĞİ DANIŞMA KURULU TOPLANTISI, Workshop, NOVARTİS, Turkey, August 2022

CAPS VE SJIA ÖZELİNDE OTOİNFLAMATUAR HASTALIKLAR VE KANAKİNUMAB TOPLANTISI, Seminar, NOVARTİS, Turkey, June 2022

MİCEPLAN DANIŞMANLIK TOPLANTISI, Workshop, MİCEPLAN , Turkey, June 2022

ÖSYM'DE TUS-YDUS SORU HAZIRLAMA TOPLANTISI, Workshop, ÖSYM, Turkey, June 2022

57. TÜRK PEDİATRİ KONGRESİ, Conference, Türk Pediatri Kurumu, Turkey, May 2022

ÇOCUK ARTRİT GÜNÜ FARKINDALIK TOPLANTISI, Workshop, ÇOCUK ROMATOLOJİ DERNEĞİ, Turkey, March 2022

6.ÇOCUK ROMATOLOJİ KONGRESİ, Conference, Çocuk Romatoloji Derneği, Turkey, March 2022

ÇOCUKTAN ERİŞİKİNE ROMATOLOJİYE PANORAMİK BAKIŞ SEMPOZYUMU, Conference, Çocuk Romatoloji Derneği, Turkey, February 2022

JİA PODCASTS-PEDİATRİDEN ERİŞİKİNE GEÇİŞİ YÖNETMEK, Workshop, ABBVİE, Turkey, December 2021