

Owner

Aydın Pediatric Society

Editor-in-Chief

Assoc. Prof. Ahmet Anik

ahmet.anik@adu.edu.tr

Department of Pediatrics, Division of Pediatric Endocrinology, Aydın Adnan Menderes University, Medical Faculty, Aydın, Turkey

ORCID 0000-0002-7729-7872

Editorial Board

Assoc. Prof. Soner Sertan Kara, MD

drsoner@yahoo.com

Department of Pediatrics, Division of Pediatric Infectious Disease, Aydın Adnan Menderes University, Medical Faculty, Aydın-Turkey

ORCID 0000-0002-8129-6063

Prof. Ali Kemal Topaloğlu, MD^{1,2}

ktopaloglu@umc.edu

¹*Department of Pediatrics, Division of Pediatric Endocrinology, University of Mississippi Medical Center, Jackson, Mississippi, USA*

²*Department of Neurobiology and Anatomical Sciences, University of Mississippi Medical Center, Jackson, Mississippi, USA*

ORCID 0000-0003-2931-9552

Assoc. Prof. Pınar Uysal, MD

druysal.pinar@gmail.com

Department of Pediatrics, Division of Pediatric Allergy and Immunology, Aydın Adnan Menderes University, Medical Faculty, Aydın-Turkey

ORCID 0000-0003-0288-608X

Prof. Sema Kalkan Uçar, MD

sema.kalkan.ucar@ege.edu.tr

Department of Pediatrics, Division of Pediatric Metabolism, Ege University, Medical Faculty, İzmir-Turkey

ORCID 0000-0001-9574-7841

Administrative Office

Kuyulu Mah. Kavak Sok. No: 264, İç Kapı No: 9
Efeler-Aydın

Graphics

Ayfer Eryeşil

Arzu Deniz Ölmez

Publication Coordinator

Hira Gizem Fidan

Publication Type: Periodical

Language Editor

Gürkan Kazancı

Publisher

LOGOS YAYINCILIK TİC. A.Ş.

Yıldız Posta Cad. Sinan Apt. No. 36 D. 63/64 34349

Gayrettepe-İstanbul



Phone: (0212) 288 05 41

Fax: (0212) 211 61 85

mail: logos@logos.com.tr

web: www.logosyayincilik.com

TP Trends in Pediatrics

2021
Volume: 2
Issue: 3

Trends in Pediatrics (TP) is an official scientific journal of Aydın Pediatric Society

It is published quarterly as 4 issues every year (March, June, September, December)

Trends in Pediatrics is an open access, free and peer-reviewed journal

You can reach publication policies and writing guide from

www.trendspediatrics.com

©All rights are reserved. Rights to the use and reproduction, including in the electronic media, of all communications, papers, photographs and illustrations appearing in this journal belong to TP. Reproduction without prior written permission of part or all of any material is forbidden. The journal complies with the Professional Principles of the Press.

This journal is printed on acid-free paper

Assoc. Prof. Balahan Makay, MD

balahan.bora@deu.edu.tr

*Department of Pediatrics, Division of Pediatric Rheumatology,
Dokuz Eylul University, Medical Faculty, İzmir-Turkey*

ORCID 0000-0001-6193-0402

Assoc. Prof. Nagehan Emiralioglu, MD

nagehan.emiralioglu@hacettepe.edu.tr

*Department of Pediatrics, Division of Pediatric Pulmonology,
Hacettepe University, Medical Faculty, Ankara-Turkey*

ORCID 0000-0002-1405-8401

Asst Prof. Yusuf Ziya Aral, MD

yuziar_12@yahoo.com

*Department of Pediatrics, Division of Pediatric
Hematology and Oncology, Aydın Adnan Menderes
University, Medical Faculty, Aydın-Turkey*

ORCID 0000-0001-7964-6266

Asst. Prof. Ayşe Anık, MD

drayseank@yahoo.com

*Department of Pediatrics, Division of Neonatology,
Aydın Adnan Menderes University, Medical Faculty,
Aydın-Turkey*

ORCID 0000-0002-0673-3403

Asst. Prof. Serkan Fazlı Çelik, MD

docser2003@yahoo.com

*Department of Pediatrics, Division of Pediatric Cardiology,
Aydın Adnan Menderes University, Medical Faculty,
Aydın-Turkey*

ORCID 0000-0003-1595-802X

Asst. Prof. Elif Çelik, MD

gencelif80@yahoo.com

*Department of Pediatrics, Aydın Adnan Menderes University,
Medical Faculty, Aydın-Turkey*

ORCID 0000-0002-0298-4088

Assoc. Prof. Aykut Çağlar, MD

aykutcaglar@gmail.com

*Department of Pediatrics, Division of Pediatric Emergency
Medicine, Aydın Adnan Menderes University,
Medical Faculty, Aydın-Turkey*

ORCID 0000-0002-2805-5420

Asst. Prof. Şükrü Güngör, MD

sukru.gungor@yahoo.com

*Department of Pediatrics, Division of Pediatric
Gastroenterology, Kahramanmaraş Sütçü İmam University,
Medical Faculty, Kahramanmaraş-Turkey*

ORCID 0000-0002-0433-5970

Research Methods

Prof. Pınar Okyay, MD

pinarokyay@hotmail.com

*Department of Public Health, Aydın Adnan Menderes
University, Medical Faculty, Aydın-Turkey*

Sercan Öztürk, MD

dr.sercanozturk@gmail.com

*Department of Pediatrics, Aydın Adnan Menderes
University, Medical Faculty, Aydın-Turkey*

Abbott'un koşulsuz katkılarıyla

Advisory Board

Prof. Ayhan Abacı, MD

Dokuz Eylül University Faculty of Medicine, Department of Pediatrics, Division of Pediatric Endocrinology, İzmir

Assoc. Prof. Abdullah Barış Akcan, MD

Aydın Adnan Menderes University Faculty of Medicine, Department of Pediatrics, Division of Neonatology, Aydın

Asst. Prof. Mediha Akcan, MD

Aydın Adnan Menderes University Faculty of Medicine, Division of Pediatric Hematology and Oncology, Aydın

Asst. Prof. Müge Ayanoğlu, MD

Aydın Adnan Menderes University Faculty of Medicine, Department of Pediatrics, Division of Pediatric Neurology, Aydın

Prof. Deniz Nazire Çağdaş Ayvaz, MD

Hacettepe University, Faculty of Medicine, Department of Pediatrics, Division of Pediatric Immunology, Ankara

Assoc. Prof. Alkan Bal, MD

Manisa Celal Bayar University Faculty of Medicine, Department of Pediatrics, Division of Pediatric Emergency Medicine, Manisa

Prof. Arzu Bakırtaş, MD

Gazi University Faculty of Medicine, Department of Pediatrics, Division of Allergy, Ankara

Prof. Can Balkan, MD

Ege University Faculty of Medicine, Department of Pediatrics, Division of Pediatric Hematology and Oncology, İzmir

Prof. Maşallah Baran, MD

İzmir Katip Çelebi University Faculty of Medicine, Department of Pediatrics, Division of Pediatric Gastroenterology, İzmir

Assoc. Prof. Ömer Faruk Beşer, MD

Istanbul University Cerrahpaşa Faculty of Medicine, Department of Pediatrics, Division of Pediatric Gastroenterology, İstanbul

Asst. Prof. Özgür Cartı, MD

Aydın Adnan Menderes University Faculty of Medicine, Department of Pediatrics, Division of Pediatric Hematology and Oncology, Aydın

Prof. Aysu Duyan Çamurdan, MD

Gazi University Faculty of Medicine, Department of Pediatrics, Division of Social Pediatrics, Ankara

Assoc. Prof. Gönül Çatlı, MD

İzmir Katip Çelebi University, Faculty of Medicine, Department of Pediatrics, Division of Pediatric Endocrinology, İzmir

Prof. Tülin Tiraje Celkan, MD

Istanbul University Cerrahpaşa Faculty of Medicine, Department of Pediatrics, Division of Pediatric Hematology and Oncology, İstanbul

Assoc. Prof. Korcan Demir, MD

Dokuz Eylül University Faculty of Medicine, Department of Pediatrics, Division of Pediatric Endocrinology, İzmir

Prof. İlker Devrim, MD

İzmir Health Sciences University, Dr. Behçet Uz Children's Hospital, Department of Pediatric Infectious Diseases, İzmir

Prof. Ener Çağrı Dinleyici, MD

Eskisehir Osmangazi University, Faculty of Medicine, Department of Pediatrics, Division of Pediatric Intensive Care, Eskişehir

Prof. Murat Duman, MD

Dokuz Eylül University Faculty of Medicine, Department of Pediatrics, Division of Pediatric Emergency Medicine, İzmir

Prof. Oğuz Dursun, MD

Akdeniz University Faculty of Medicine, Department of Pediatrics, Division of Pediatric Intensive Care, Antalya

Anil Er, MD

İzmir Health Sciences University, Dr. Behçet Uz Children's Hospital, Department of Pediatric Emergency Medicine, İzmir

Prof. Duygu Erge, MD

Aydın Adnan Menderes University Faculty of Medicine, Department of Pediatrics, Division of Pediatric Allergy and Immunology, Aydın

Prof. Dolunay Gürses, MD

Pamukkale University, Faculty of Medicine, Department of Pediatrics, Division of Pediatric Cardiology, Denizli

Semra Gürsoy, MD

İzmir Health Sciences University, Dr. Behçet Uz Children's Hospital, Department of Pediatric Genetic, İzmir

Assoc. Prof. İbrahim Murat Hirfanoğlu, MD

Gazi University Faculty of Medicine, Department of Pediatrics, Division of Neonatology, Ankara

Prof. Metin Karaböcücüoğlu, MD

Memorial Health Group Şişli and Atasehir, Pediatric Intensive Care Unit, Head of Pediatrics, İstanbul

Prof. Ateş Kara, MD

Hacettepe University Faculty of Medicine, Department of Pediatrics, Division of Pediatric Infectious Diseases, Ankara

Prof. Zühre Kaya, MD

Gazi University Faculty of Medicine, Department of Pediatrics, Division of Pediatric Hematology and Oncology, Ankara

Prof. Münevver Kaynak Türkmen, MD

Aydın Adnan Menderes University Faculty of Medicine, Department of Pediatrics, Division of Neonatology, Aydın

Prof. Hülya Kayserili Karabey, MD

Koç University, Faculty of Medicine, Department of Medical Genetics, İstanbul

Asst. Prof. Alper Köker, MD

Akdeniz University Faculty of Medicine, Department of Pediatrics, Division of Pediatric Intensive Care, Antalya

Prof. Osman Alphan Küpesiz, MD

Akdeniz University Faculty of Medicine, Department of Pediatrics, Division of Pediatric Hematology and Oncology, Antalya

Prof. Emine DibeK Mısırlıoğlu, MD

Health Sciences University, Ankara City Children's Hospital, Department of Pediatric Allergy and Immunology, Ankara

Assoc. Prof. Levent Midyat, MD

Harvard Medical School, Boston Children's Hospital, Department of Pediatrics, Division of Pediatric Pulmonology, Boston, Massachusetts

Advisory Board (continue)

Prof. Nazmi Narin, MD

Katip Çelebi University, Faculty of
Medicine, Department of Pediatrics,
Division of Pediatric Cardiology, İzmir

Prof. Mehmet Fatih Okçu, MD

Baylor College of Medicine, Texas
Children's Hospital, Department of
Pediatrics, Division of Pediatric
Hematology-Oncology, Houston

Prof. Nurullah Okumuş, MD

Afyonkarahisar Health Sciences
University, Department of Pediatrics,
Division of Neonatology,
Afyonkarahisar

Prof. Haşim Olgun, MD

Muğla Sıtkı Koçman University, Faculty of
Medicine, Department of Pediatrics,
Division of Pediatric Cardiology, Muğla

Assoc. Prof. Samim Özen, MD

Ege University Faculty of Medicine,
Department of Pediatrics, Division of
Pediatric Endocrinology, İzmir

Prof. Mukadder Ayşe Selimoğlu, MD

Memorial Bahçelievler Hospital,
Department of Pediatrics, Division of
Pediatric Gastroenterology, İstanbul

Prof. Ayşe Serdaroğlu, MD

Gazi University Faculty of Medicine,
Department of Pediatrics, Division of
Pediatric Neurology, Ankara

Prof. Ferah Sönmez, MD

Aydın Adnan Menderes University Faculty
of Medicine, Department of Pediatrics,
Division of Pediatric Nephrology, Aydın

Prof. Ümit Murat Şahiner, MD

Hacettepe University Faculty of Medicine,
Department of Pediatrics, Division of
Allergy, Ankara

Prof. Hasan Tezer, MD

Gazi University Faculty of Medicine,
Department of Pediatrics, Division of
Pediatric Infectious Diseases, Ankara

Prof. Ayşe Tosun, MD

Aydın Adnan Menderes University Faculty
of Medicine, Department of Pediatrics,
Division of Pediatric Neurology, Aydın

Emel Ulusoy, MD

İzmir Health Sciences University, Dr.
Behçet Uz Children's Hospital,
Department of Pediatric Emergency
Medicine, İzmir

Prof. Ayşegül Ünüvar, MD

İstanbul University İstanbul Faculty of
Medicine, Department of Pediatrics,
Division of Pediatric Hematology and
Oncology, İstanbul

Assoc. Prof. Tolga Ünüvar, MD

Aydın Adnan Menderes University Faculty
of Medicine, Department of Pediatrics,
Division of Pediatric Endocrinology, Aydın

Prof. Önder Yavaşcan, MD

İstanbul Medipol University Faculty of
Medicine, Department of Pediatrics,
Division of Pediatric Nephrology,
İstanbul

Prof. Rıza Dinçer Yıldızdaş, MD

Çukurova University Faculty of Medicine,
Department of Pediatrics, Division of
Pediatric Intensive Care, Adana

Prof. Hayri Levent Yılmaz, MD

Çukurova University Faculty of Medicine,
Department of Pediatrics, Division of
Pediatric Emergency Medicine,
Adana

Assoc. Prof. Murat Muhtar Yılmaz, MD

İzmir Health Sciences University, Dr.
Behçet Uz Children's Hospital,
Department of Pediatric Cardiology,
İzmir

Assoc. Prof. Dilek Yılmaz, MD

Aydın Adnan Menderes University Faculty
of Medicine, Department of Pediatrics,
Division of Pediatric Nephrology,
Aydın

Asst. Prof. Tanyel Zubarioğlu, MD

İstanbul University Cerrahpaşa Faculty of
Medicine, Department of Pediatrics,
Division of Nutrition and Metabolism,
İstanbul