



Year: September 2020

Volume: 7

Issue: 3

ISSN: 2147-9445

E-ISSN: 2587-2478

The Journal of Pediatric Research



Prof. Dr. Savaş Kansoy, 2020

Original Articles

Autoantibody Positivity in Chronic Diarrhea

Tuhan et al.

Oral Care Practices

Yavuz et al.

Faecal Calprotectin Levels in Children

Baran et al.

Comparison of Appendicitis Scoring Systems

Türkmenoğlu et al.

Barriers in Early Initiation of Breastfeeding

Ceylan and Çetinkaya.

Fatigue and Meta-analysis

Akdeniz Kudubeş and Bektaş.

Iron, Ferritin in ADHD

Öztürk et al.

Practices of Mothers for Colic

Akçay Didişen et al.

Dignosis of VUR Ssing ANN Algorithm

Keskinoğlu and Özgür.

Parents and Children; Body Esteem and Obesity

Özcebe et al.

Bullying Prevention in Primary Schools

Karataş and Öztürk.

Brain Death in Pediatric Clinic Care

Duyu and Karakaya.

Vitamin B12 and Folate Levels in ADHD

Öztürk et al.

Case Report

Eosinophilic Ascites

Doğan et al.

The Journal of Pediatric Research

Official Journal of Ege University Children's Hospital



The Journal of Pediatric Research

FOUNDER

Savaş Kansoy

Ege University, Faculty of Medicine,
Department of Pediatrics, İzmir, Turkey

Özgür Çoğulu

Ege University, Faculty of Medicine,
Department of Pediatrics, İzmir, Turkey
E-posta: ozgur.cogulu@ege.edu.tr
ORCID ID: orcid.org/0000-0002-9037-5599

OWNER

Ege Children's Foundation

EDITOR IN CHIEF

Savaş Kansoy

Ege University, Faculty of Medicine,
Department of Pediatrics, İzmir, Turkey

Özgür Çoğulu

Ege University Faculty of Medicine,
Department of Pediatrics, İzmir, Turkey
ozgur.cogulu@ege.edu.tr
ORCID ID: orcid.org/0000-0002-9037-5599

STATISTICS EDITORS

Mehmet Orman

Ege University Faculty of Medicine,
Department of Biostatistics and Medical
Informatics, İzmir Turkey

Timur Köse

Ege University, Faculty of Medicine,
Department of Biostatistics, İzmir, Turkey

ENGLISH LANGUAGE EDITOR

Brian Sweeney

MANAGING EDITOR

Özgür Çoğulu

Ege University Faculty of Medicine,
Department of Pediatrics, İzmir, Turkey

The Journal of Pediatric Research is the
official publication of Ege University Faculty
of Medicine, Department of Pediatrics and
Ege Children's Foundation.

EDITORIAL BOARD

ASSOCIATE EDITORS

Özge Altun Köröğlu

Ege University, Faculty of Medicine, Department of
Pediatrics, İzmir, Turkey
ozgealtun@yahoo.com
ORCID ID: orcid.org/0000-0001-5998-0742

Feyza Koç

Ege University, Faculty of Medicine, Department of
Pediatrics, İzmir, Turkey
feyzaumaykoc@yahoo.com
ORCID ID: orcid.org/0000-0002-5891-8506

Sema Kalkan Uçar

Ege University, Faculty of Medicine, Department of
Pediatrics, İzmir, Turkey

semakalkan@hotmail.com

ORCID ID: orcid.org/0000-0001-9574-7841

Samim Özen

Ege University, Faculty of Medicine, Department of
Pediatrics, İzmir, Turkey

samimozen@gmail.com

ORCID ID: orcid.org/0000-0001-7037-2713

EDITORS

Gülhadiye Akbaş

Balıkesir State Hospital, Clinic of Pediatrics Infectious Diseases,
Balıkesir, Turkey

Serap Aksoylar

Ege University, Faculty of Medicine, Department of Pediatrics,
İzmir, Turkey

Güzide Aksu

Ege University, Faculty of Medicine,
Department of Pediatrics, İzmir, Turkey

Gül Aktan

Ege University, Faculty of Medicine, Department of Pediatrics,
İzmir, Turkey

Özge Altun Köröğlu

Ege University, Faculty of Medicine,
Department of Pediatrics, İzmir, Turkey

Aslı Aslan

Ege University Faculty of Medicine, Department of Pediatrics,
İzmir, Turkey

Tahir Atik

Ege University, Faculty of Medicine,
Department of Pediatrics, İzmir, Turkey

Filiz Başak

University of Miami Miller School of Medicine, John P. Hussman
Institute for Human Genomics, Miami, USA

Zümrüt Başbakkal

Ege University Faculty of Medicine, Department of Pediatric
Nursing, İzmir, Turkey

İpek Kaplan Bulut

Ege University Faculty of Medicine, Department of Pediatrics,
İzmir, Turkey

Ebru Canda

Ege University Faculty of Medicine, Department of Pediatrics, İzmir,
Turkey

Funda Çetin

Ege University Faculty of Medicine, Department of Pediatrics,
İzmir, Turkey

Dilşah Çoğulu

Ege University Faculty of Dentistry, Department of Pedodontics,
İzmir, Turkey

Urszula Demkow

Medical University of Warsaw, Poland

Cem Elbi

Bayer HealthCare Pharmaceuticals, Department of
Global Clinical Development, Oncology, New York, USA

Derya Erçal

Dokuz Eylül University Faculty of Medicine,
Department of Pediatrics, İzmir, Turkey

Özlem Giray Bozkaya

Dokuz Eylül University Faculty of Medicine,
Department of Pediatrics, İzmir, Turkey

Figen Gülen

Ege University, Faculty of Medicine, Department of Pediatrics,
İzmir, Turkey

Sema Kalkan Uçar

Ege University, Faculty of Medicine,
Department of Pediatrics, İzmir, Turkey

Ahmet Keskinoglu

Ege University, Faculty of Medicine, Department of Pediatrics,
İzmir, Turkey

Feyza Koç

Ege University, Faculty of Medicine, Department of Pediatrics,
İzmir, Turkey

Güldane Koturoğlu

Ege University, Faculty of Medicine, Department of Pediatrics,
İzmir, Turkey

Saadet Mahmutoğlu

Toronto University Faculty of Medicine, Department of
Paediatrics, Division of Clinical and Metabolic Genetics,
Toronto, Canada

İlke Nalbantoğlu

Washington University, Department of
Pathology and Immunology, Missouri, USA

Burcu Özbaran

Ege University Faculty of Medicine,
Department of Child Psychiatry, İzmir, Turkey

Samim Özen

Ege University, Faculty of Medicine,
Department of Pediatrics, İzmir, Turkey

Candan Öztürk

Near East University Faculty of Nursing, Department of Pediatric
Nursing, Near East Boulevard, Nicosia

Betül Sözeri

University of Health Sciences, Ümraniye Education and Research
Hospital, İstanbul, Turkey

Zümrüt Şahbudak Bal

Ege University Faculty of Medicine, Department of Pediatrics,
Division of Infectious Diseases, İzmir, Turkey

İbrahim Ulman

Ege University, Faculty of Medicine,
Department of Pediatrics, İzmir, Turkey

Zülal Ülger

Ege University, Faculty of Medicine,
Department of Pediatric Surgery, İzmir, Turkey

Sanem Yılmaz

Ege University Faculty of Medicine, Department of Pediatrics,
Division of Pediatric Neurology, İzmir, Turkey



The Journal of Pediatric Research

Official Journal of Ege University Children's Hospital

Scientific Advisory Board

Gülhadiye Akbaş,
Balıkesir State Hospital, Clinic of Pediatrics Infectious Diseases, Balıkesir, Turkey

Serap Aksoylar,
Ege University Faculty of Medicine, Department of Pediatrics, İzmir, Turkey

Güzide Aksu,
Ege University Faculty of Medicine, Department of Pediatrics, İzmir, Turkey

Gül Aktan,
Ege University Faculty of Medicine, Department of Pediatrics, İzmir, Turkey

Özge Altun Köroğlu,
Ege University Faculty of Medicine, Department of Pediatrics, İzmir, Turkey

Moshe Arditi,
Cedars-Sinai Medical Center, Clinic of Infectious Diseases, Los Angeles, USA

Aslı Aslan,
Ege University Faculty of Medicine, Department of Pediatrics, İzmir, Turkey

Tahir Atik,
Ege University Faculty of Medicine, Department of Pediatrics, İzmir, Turkey

Güney Bademci,
University of Miami, Miami, USA

Soyhan Bağcı,
Bonn University Faculty of Medicine, Department of Pediatrics, Bonn, Germany

Filiz Başak,
University of Miami Miller School of Medicine, John P. Hussman Institute for Human Genomics, Miami, USA

Zümrüt Başbakkal,
Ege University Faculty of Nursing, Department of Pediatric Nursing, İzmir, Turkey

Guiseppe Buonocore,
Siena University Faculty of Medicine, Department of Pediatrics, Siena, Italy

İpek Kaplan Bulut
Ege University Faculty of Medicine, Department of Pediatrics, İzmir, Turkey

Ebru Canda
Ege University Faculty of Medicine, Department of Pediatrics, İzmir, Turkey

Funda Çetin,
Ege University Faculty of Medicine, Department of Pediatrics, İzmir, Turkey

Dilşah Çoğulu,
Ege University Faculty of Dentistry, Department of Pedodontics, İzmir, Turkey

Özgür Çoğulu,
Ege University Faculty of Medicine, Department of Pediatrics, İzmir, Turkey

Urszula Demkow,
Warsaw University Faculty of Medicine, Warsaw, Poland

Cem Elbi,
Bayer Health Care Pharmaceuticals, Department of Global Clinical Development, Oncology, New York, USA

Derya Erçal,
Dokuz Eylül University Faculty of Medicine, Department of Pediatrics, İzmir, Turkey

Özlem Giray Bozkaya,
Dokuz Eylül University Faculty of Medicine, Department of Pediatrics, İzmir, Turkey

Deniz Güngör,
Erasmus MC, Lysosomal and Metabolic Diseases, Rotterdam, Netherlands

Figen Gülen,
Ege University Faculty of Medicine, Department of Pediatrics, İzmir, Turkey

Lena Hellström-Westas,
Uppsala University Faculty of Medicine, Department of Pediatrics, Uppsala, Sweden

Eufemia Jacob,
UCLA School of Nursing, Los Angeles, USA

Sema Kalkan Uçar,
Ege University Faculty of Medicine, Department of Pediatrics, İzmir, Turkey

Savaş Kansoy,
Ege University Faculty of Medicine, Department of Pediatrics, İzmir, Turkey

Ahmet Keskinoglu,
Ege University Faculty of Medicine, Department of Pediatrics, İzmir, Turkey

Feyza Koş,
Ege University Faculty of Medicine, Department of Pediatrics, İzmir, Turkey

Güldane Koturoğlu,
Ege University Faculty of Medicine, Department of Pediatrics, İzmir, Turkey

Jos Latour,
Plymouth University School of Nursing and Midwifery, Faculty of Health and Human Sciences, Plymouth, United Kingdom

Saadet Mahmutoğlu,
Toronto University Faculty of Medicine, Department of Paediatrics, Division of Clinical and Metabolic Genetics, Toronto, Canada

Levent Midyat,
Boston Children's Hospital, Boston, USA

Neena Modi,
Imperial College Faculty of Medicine, Department of Pediatrics, Londra, UK

Guido Moro,
President of Italian Milk Bank Association, Milano, Italy

İlke Nalbantoğlu,
Washington University, Department of Pathology and Immunology, Missouri, USA

Nazmi Narin,
Erciyes University Faculty of Medicine, Department of Pediatrics, Kayseri, Turkey

Burcu Özbaran,
Ege University Faculty of Medicine, Department of Child Psychiatry, İzmir, Turkey

Samim Özen,
Ege University Faculty of Medicine, Department of Pediatrics, İzmir, Turkey

Candan Öztürk,
Near East University Faculty of Nursing, Department of Pediatric Nursing, Near East Boulevard, Nicosia TRNC Mersin 10 – Turkey

Katalin Papp,
Debrecen University, Debrecen, Hungary

Betül Sözeri,
University of Health Sciences, Ümraniye Education and Research Hospital, Clinic of Pediatrics Rheumatology, İstanbul, Turkey

Zümrüt Şahbudak Bal,
Ege University Faculty of Medicine, Department of Pediatrics, Division of Infectious Diseases, İzmir, Turkey

İbrahim Ulman,
Ege University Faculty of Medicine, Department of Pediatric Surgery, İzmir, Turkey

Zülal Ülger,
Ege University Faculty of Medicine, Department of Pediatrics, İzmir, Turkey

Saskia Wortmann,
Children's Hospital, Salzburg, Austria

Sanem Yılmaz,
Ege University Faculty of Medicine, Department of Pediatrics, Division of Pediatric Neurology, İzmir, Turkey



Publisher Contact
Address: Molla Gürani Mah. Kaçamak Sk. No: 21/1
34093 İstanbul, Turkey
Phone: +90 (212) 621 99 25 Fax: +90 (212) 621 99 27
E-mail: info@galenos.com.tr | yayin@galenos.com.tr
Web: www.galenos.com.tr | Publisher Certificate Number: 14521

Printing at: Üniform Basım San. ve Turizm Ltd. Şti.
Matbaacılar Sanayi Sitesi 1. Cad. No: 114 34204 Bağcılar, İstanbul, Turkey
Phone: +90 (212) 429 10 00 | Certificate Number: 42419
Printing Date: June 2020
ISSN: 2147-9445 E-ISSN: 2587-2478
International scientific journal published quarterly.

The Journal of Pediatric Research

Official Journal of Ege University Children's Hospital



About Journal

The Journal of Pediatric Research is the official publication of Ege University Faculty of Medicine, Department of Pediatrics and Ege Children's Foundation. It is a peer-reviewed journal published quarterly in March, June, September and December in English language.

The Journal of Pediatric Research is a peer-reviewed, open access journal, which publishes original research articles, invited review articles, clinical reports and case reports in all areas of pediatric research.

The journal publishes original research and review articles, which summarize recent developments about a particular subject based on standards of excellence and expert review and case reports. Target audience includes specialists in general pediatrics and pediatric subspecialties (Emergency Medicine, Allergy and Immunology, Endocrinology, Gastroenterology, Hepatology and Nutrition, Genetics, Cardiology, Hematology-Oncology, Infectious Diseases, Metabolism, Nephrology, Neurology, Rheumatology, Pulmonology, Social Pediatrics, Newborn, Critical Care Medicine, Ethics and Health Service Research), as well as relevant specialties such as Pediatric Surgery, Child and Adolescent Psychiatry, Pedodontics, Pediatric Nursing and Family Physicians. The web page of The Journal of Pediatric Research is <http://www.jpmedres.org/>.

The journal's editorial policies are based on "ICMJE Recommendations" (2016, <http://www.icmje.org/>) rules.

Statistics Editor evaluates research articles and systematic reviews/meta-analyses for appropriateness of data presentation and correctness of statistical analyses.

All submitted manuscripts are peer reviewed which take on average 6 weeks. Following acceptance of the submission, all authors are required to see and approve the final version of the manuscript and be willing to take responsibility for the entire manuscript. It is strictly expected that submitted manuscripts have not been published elsewhere or even being submitted by another publication. Studies performed on human require ethics committee certificate including approval number. For the manuscripts involving cases, a written informed consent should be obtained from the parents or the responsible persons.

The Journal of Pediatric Research is indexed in **Web of Science-Emerging Sources Citation Index (ESCI)**, **Directory of Open Access Journals (DOAJ)**, **EBSCO**, **British Library**, **CINAHL Complete Database**, **ProQuest**, **Gale/Cengage Learning**, **Index Copernicus**, **Tübitak/Ulakbim TR Index**, **TürkMedline**, **J-GATE**, **IdealOnline**, **ROOT INDEXING**, **Hinari**, **GOALI**, **ARDI**, **OARE**, **AGORA**, **EuroPub** and **Türkiye Citation Index**.

Open Access Policy

This journal provides immediate open access to its content on the principle that making research freely available to the public supports a greater global exchange of knowledge.

Open Access Policy is based on rules of Budapest Open Access Initiative (BOAI) <http://www.budapestopenaccessinitiative.org/>. By "open access" to [peer-reviewed research literature], we mean its free availability on the public internet, permitting any users to read, download, copy, distribute, print, search, or link to the full texts of these articles, crawl them for indexing, pass them as data to software, or use them for any other lawful

purpose, without financial, legal, or technical barriers other than those inseparable from gaining access to the internet itself. The only constraint on reproduction and distribution, and the only role for copyright in this domain, should be to give authors control over the integrity of their work and the right to be properly acknowledged and cited.

Address for Correspondence

Özgür Çoğulu

Ege University Faculty of Medicine, Department of Pediatrics, Bornova, 35100 İzmir, Turkey

Phone: +90 232 390 10 05 - 390 10 31

Fax: +90 232 390 13 57

E-mail: ozgur.cogulu@ege.edu.tr

Permissions

Requests for permission to reproduce published material should be sent to the editorial office.

Editor: Özgür Çoğulu

Ege University Faculty of Medicine, Department of Pediatrics, Bornova, 35100 İzmir, Turkey

Phone: +90 232 390 10 05 - 390 10 31

Fax: +90 232 390 13 57

Publishing House

Galenos Yayınevi Tic. Ltd. Şti.

Molla Gürani Mah. Kaçamak Sok. No: 21/1

34093, İstanbul, Turkey

Phone: +90 212 621 99 25

Fax: +90 212 621 99 27

E-mail: info@galenos.com.tr

Introductions to Authors

Introductions for authors are published in the journal and on the web page www.jpmedres.org

Material Disclaimer

The author(s) is (are) responsible from the articles published in the The Journal of Pediatric Research. The editor, editorial board and publisher do not accept any responsibility for the articles.

Subscription Information

Subscription for The Journal of Pediatric Research please contact Galenos Yayınevi (Publishing House).

Subscribers who have not reached the hard copy of the journal within the period should apply to Galenos Publishing House. All issues of the journal with the full texts can be accessed from the journal's address www.jpmedres.org.

Cover Photo

Authors are encouraged to send thought-provoking photos which particularly focuses on child theme to be published on the cover page of The Journal of Pediatric Research. Appropriate photos will be published. Photos must send to ozgur.cogulu@ege.edu.tr.

The journal is printed on acid-free paper.



The Journal of Pediatric Research

Official Journal of Ege University Children's Hospital

Instructions to Authors

The Journal of Pediatric Research is an official peer-reviewed publication of Ege University Faculty of Medicine, Department of Pediatrics and Ege Children's Foundation. This publication organ is responsible for the issue of unique clinical and laboratory research papers, case reports, reviews directly or indirectly related to children's health and diseases. The publication language of the journal is English.

The Journal of Pediatric Research does not charge any article submission or processing charges.

The abbreviation of The Journal of Pediatric Research is JPR, however, it should be denoted as J Pediatr Res when referenced. In the international index and database, the name of the journal has been registered as The Journal of Pediatric Research and abbreviated as J Pediatr Res.

A manuscript will be considered only with the understanding that it is an original contribution that has not been published elsewhere. All manuscripts submitted to the journal for publication are peer-reviewed. Authors shall be informed within a period of 6 weeks about the process. Upon review, those manuscripts, which are accepted, shall be published in the journal and issued on the <http://www.jpmedres.org> official internet address.

The scientific and ethical liability of the manuscripts belongs to the authors and the copyright of the manuscripts belongs to the JPR. Authors are responsible for the contents of the manuscript and accuracy of the references. All manuscripts submitted for publication must be accompanied by the Copyright Transfer Form [copyright transfer]. Once this form, signed by all the authors, has been submitted, it is understood that neither the manuscript nor the data it contains have been submitted elsewhere or previously published and authors declare the statement of scientific contributions and responsibilities of all authors.

All manuscripts submitted to the The Journal of Pediatric Research are screened for plagiarism using the 'iThenticate' software. Results indicating plagiarism may result in manuscripts being returned or rejected.

Experimental, clinical and drug studies requiring approval by an ethics committee must be submitted to The Journal of Pediatric Research with an ethics committee approval report confirming that the study was conducted in accordance with international agreements and the Declaration of Helsinki (revised 2013) (<http://www.wma.net/en/30publications/10policies/b3/>). The approval of the ethics committee and the fact that informed consent was given by the patients should be indicated in the Materials and Methods section. In experimental animal studies, the authors should indicate that the procedures followed were in accordance with animal rights as per the Guide for the Care and Use of Laboratory Animals (<http://oacu.od.nih.gov/regs/guide/guide.pdf>) and they should obtain animal ethics committee approval.

Authors must provide disclosure/acknowledgment of financial or material support, if any was received, for the current study.

If the article includes any direct or indirect commercial links or if any institution provided material support to the study, authors must state in the cover letter that they have no relationship with the commercial product, drug, pharmaceutical company, etc. concerned; or specify the type of relationship (consultant, other agreements), if any.

Authors must provide a statement on the absence of conflicts of interest among the authors and provide authorship contributions.

The Journal of Pediatric Research is an independent international journal based on double-blind peer-review principles. The manuscript is assigned to the Editor-in-Chief, who reviews the manuscript and makes an initial decision based on manuscript quality and editorial priorities. Manuscripts that pass initial evaluation are sent for external peer review, and the Editor-in-Chief assigns an Associate Editor. The Associate Editor sends the manuscript to

reviewers (internal and/or external reviewers). The reviewers must review the manuscript within 21 days. The Associate Editor recommends a decision based on the reviewers' recommendations and returns the manuscript to the Editor-in-Chief. The Editor-in-Chief makes a final decision based on editorial priorities, manuscript quality, and reviewer recommendations. If there are any conflicting recommendations from reviewers, the Editor-in-Chief can assign a new reviewer.

The scientific board guiding the selection of the papers to be published in the Journal consists of elected experts of the Journal and if necessary, selected from national and international authorities. The Editor-in-Chief, Associate Editors, biostatistics expert and English language consultant may make minor corrections to accepted manuscripts that do not change the main text of the paper.

In case of any suspicion or claim regarding scientific shortcomings or ethical infringement, the Journal reserves the right to submit the manuscript to the supporting institutions or other authorities for investigation. The Journal accepts the responsibility of initiating action but does not undertake any responsibility for an actual investigation or any power of decision.

The Editorial Policies and General Guidelines for manuscript preparation specified below are based on "Recommendations for the Conduct, Reporting, Editing, and Publication of Scholarly Work in Medical Journals (ICMJE Recommendations)" by the International Committee of Medical Journal Editors (2016, archived at <http://www.icmje.org/>).

Preparation of research articles, systematic reviews and meta-analyses must comply with study design guidelines:

CONSORT statement for randomized controlled trials (Moher D, Schulz KF, Altman D, for the CONSORT Group. The CONSORT statement revised recommendations for improving the quality of reports of parallel group randomized trials. JAMA 2001; 285:1987-91) (<http://www.consort-statement.org/>);

PRISMA statement of preferred reporting items for systematic reviews and meta-analyses (Moher D, Liberati A, Tetzlaff J, Altman DG, The PRISMA Group. Preferred Reporting Items for Systematic Reviews and Meta-Analyses: The PRISMA Statement. PLoS Med 2009; 6(7): e1000097.) (<http://www.prisma-statement.org/>);

STARD checklist for the reporting of studies of diagnostic accuracy (Bossuyt PM, Reitsma JB, Bruns DE, Gatsonis CA, Glasziou PP, Irwig LM, et al., for the STARD Group. Towards complete and accurate reporting of studies of diagnostic accuracy: the STARD initiative. Ann Intern Med 2003;138:40-4.) (<http://www.stard-statement.org/>);

STROBE statement, a checklist of items that should be included in reports of observational studies (<http://www.strobe-statement.org/>);

MOOSE guidelines for meta-analysis and systemic reviews of observational studies (Stroup DF, Berlin JA, Morton SC, et al. Meta-analysis of observational studies in epidemiology: a proposal for reporting Meta-analysis of observational Studies in Epidemiology (MOOSE) group. JAMA 2000; 283: 2008-12).

GENERAL GUIDELINES

Manuscripts can only be submitted electronically through the Journal Agent website (<https://www.journalagent.com/jpr/>) after creating an account. This system allows online submission and review.

Author should suggest three reviewers while submitting an original article through online article system.

The manuscripts are archived according to Web of Science-Emerging Sources Citation Index (ESCI), Directory of Open Access Journals (DOAJ), EBSCO, British



Instructions to Authors

Library, CINAHL Complete Database, ProQuest, Gale/Cengage Learning, Index Copernicus, Tübitak/Ulakbim TR Index, TurkMedline, J-GATE, IdealOnline, ROOT INDEXING, Hinari, GOALI, ARDI, OARE, AGORA, EuroPub and Türkiye Citation Index.

The ORCID (Open Researcher and Contributor ID) number of the correspondence author should be provided while sending the manuscript. A free registration can be created at <http://orcid.org>.

Format: Unique research papers cover clinical research, observational studies, novel techniques, and experimental and laboratory studies. Unique research papers shall consist of a heading, abstract, keywords related to the main topic of the paper, introduction, materials and methods, results, discussion, acknowledgements, bibliography, tables and figures. Manuscripts should be prepared using 12 pt "Times New Roman" and 1.5 line spacing. The text shall not exceed 2500 words. Case reports must contain rare cases or those that are unique in diagnosis and treatment, those which contribute to current knowledge and provide educational information, along with the introduction, case reporting and discussion sections. The whole text must not exceed 1500 words. Reviews are texts in which a current subject is examined independently, with reference to scientific literature. The whole text must not exceed 18 A4 paper sheets. Letters to the Editor must be manuscripts, which do not exceed 1000 words, with reference to scientific literature, and those written in response to issued literature or those, which include development in the field of pediatrics. These manuscripts do not contain an abstract. The number of references is limited to 5.

Abbreviations: Abbreviations should be defined at first mention and used consistently thereafter. Internationally accepted abbreviations should be used; refer to scientific writing guides as necessary.

Cover letter: The cover letter should include statements about manuscript type, single-journal submission affirmation, conflict of interest statement, sources of outside funding, equipment (if applicable), approval of language for articles in English and approval of statistical analysis for original research articles.

REFERENCES

Authors are solely responsible for the accuracy of all references.

In-text citations: References shall be listed as the below formats on a separate page according to their sequence within the text and referred to within the text in parentheses.

Presentations presented in congresses, unpublished manuscripts, theses, Internet addresses, and personal interviews or experiences should not be indicated as references. If such references are used, they should be indicated in parentheses at the end of the relevant sentence in the text, without reference number and written in full, in order to clarify their nature.

References section: All author names shall be stated within all references. References shall be listed as the below formats on a separate page according to their sequence within the text and referred to within the text in parentheses. However, in studies where author numbers exceed 6, names of the first 3 authors shall be stated; "et al." additions shall be made to the list of authors in English references, respectively. The titles of journals should be abbreviated according to the style used in the Index Medicus.

Reference Format

Journal: Last name(s) of the author(s) and initials, article title, publication title and its original abbreviation, publication date, volume, the inclusive page numbers.

Example: Koenig JQ. Air pollution and asthma. *J Allergy Clin Immunol* 1999; 104:717-22.

Book: Last name(s) of the author(s) and initials, book title, edition, place of publication, date of publication and inclusive page numbers of the extract cited.

Example: Fletcher CDM, Unni KK, Mertens F. Genetics of Tumours of Soft Tissue and Bone. Lyon, France, IARC Press, 2002. p. 225-419.

Book Chapter: Last name(s) of the author(s) and initials, chapter title, book editors, book title, edition, place of publication, date of publication and inclusive page numbers of the cited piece.

Example: Whitsett JA, Pryhuber GS, Rice WR. Acute respiratory disorders. In: Avery GB, MacDonald MG (eds). Neonatology: Pathophysiology and Management of the Newborn, 5th ed. Philadelphia, Lippincott Williams & Wilkins, 1999;505-15.

TABLES, GRAPHICS, FIGURES, AND IMAGES

All visual materials together with their legends should be located on separate pages that follow the main text. Original documents such as films, ECG records must not be delivered. All cost related to colored printouts shall be covered by the authors' own expenses.

Images: Images (pictures) should be numbered and include a brief title. Permission to reproduce pictures that were published elsewhere must be included. All pictures should be of the highest quality possible, in JPEG format, and at a minimum resolution of 300 dpi.

Tables, Graphics, Figures: All tables, graphics or figures should be enumerated according to their sequence within the text and a brief descriptive caption should be written. Tables shall be numbered by Roman numerals (I, II) according to their sequence, and shall include a heading. Figures shall be numbered by Arabic numerals (1,2) according to their sequence. Any abbreviations used should be defined in the accompanying legend. Tables in particular should be explanatory and facilitate readers' understanding of the manuscript, and should not repeat data presented in the main text. A maximum of 2 figures or photographs shall be added to case reports.

BIOSTATISTICS

To ensure controllability of the research findings, the study design, study sample, and the methodological approaches and applications should be explained and their sources should be presented.

The "p" value defined as the limit of significance along with appropriate indicators of measurement error and uncertainty (confidence interval, etc.) should be specified. Statistical terms, abbreviations and symbols used in the article should be described and the software used should be defined. Statistical terminology (random, significant, correlation, etc.) should not be used in non-statistical contexts.

All results of data and analysis should be presented in the Results section as tables, figures and graphics; biostatistical methods used and application details should be presented in the Materials and Methods section or under a separate title.

MANUSCRIPT TYPES

Original Articles

Unique research papers cover clinical research, observational studies, novel techniques, and experimental and laboratory studies. Unique research papers shall consist of a heading, abstract, keywords related to the main topic of the paper, introduction, materials and methods, results, discussion, acknowledgements, bibliography, tables and figures. The text shall not exceed 2500 words. Case reports must contain rare cases or those that are unique in diagnosis and treatment, those which contribute to current knowledge and provide educational information, along with the introduction, case reporting and



The Journal of Pediatric Research

Official Journal of Ege University Children's Hospital

Instructions to Authors

discussion sections. The whole text must not exceed 1500 words. Reviews are texts in which a current subject is examined independently, with reference to scientific literature. The whole text must not exceed 18 A4 paper sheets. Letters to the Editor must be manuscripts, which do not exceed 1000 words, with reference to scientific literature, and those written in response to issued literature or those, which include development in the field of pediatrics. These manuscripts do not contain an abstract. The number of references is limited to 5.

Title Page: This page should include the title of the manuscript, short title, name(s) of the authors and author information. The following descriptions should be stated in the given order:

1. Title of the manuscript (English), as concise and explanatory as possible, including no abbreviations, up to 135 characters
2. Short title (English), up to 60 characters
3. Name(s) and surname(s) of the author(s) (without abbreviations and academic titles) and affiliations
4. Name, address, e-mail, phone and fax number of the corresponding author
5. The place and date of scientific meeting in which the manuscript was presented and its abstract published in the abstract book, if applicable

Abstract: A summary of the manuscript should be written in English. References should not be cited in the abstract. Use of abbreviations should be avoided as much as possible; if any abbreviations are used, they must be taken into consideration independently of the abbreviations used in the text.

For original articles, the structured abstract should include the following sub-headings:

Aim: The aim of the study should be clearly stated.

Materials and Methods: The study and standard criteria used should be defined; it should also be indicated whether the study is randomized or not, whether it is retrospective or prospective, and the statistical methods applied should be indicated, if applicable.

Results: The detailed results of the study should be given and the statistical significance level should be indicated.

Conclusion: Should summarize the results of the study, the clinical applicability of the results should be defined, and the favorable and unfavorable aspects should be declared.

Keywords: A list of minimum 3, but no more than 5 key words must follow the abstract. Key words should be consistent with "Medical Subject Headings (MESH)" (www.nlm.nih.gov/mesh/MBrowser.html).

Original research articles should have the following sections:

Introduction: Should consist of a brief explanation of the topic and indicate the objective of the study, supported by information from the literature.

Materials and Methods: The study plan should be clearly described, indicating whether the study is randomized or not, whether it is retrospective or prospective, the number of trials, the characteristics, and the statistical methods used.

Results: The results of the study should be stated, with tables/figures given in numerical order; the results should be evaluated according to the statistical analysis methods applied. See General Guidelines for details about the preparation of visual material.

Discussion: The study results should be discussed in terms of their favorable and unfavorable aspects and they should be compared with the literature. The conclusion of the study should be highlighted.

Study Limitations: Limitations of the study should be discussed. In addition, an evaluation of the implications of the obtained findings/results for future research should be outlined.

Conclusion: The conclusion of the study should be highlighted.

Acknowledgements: Any technical or financial support or editorial contributions (statistical analysis, English evaluation) towards the study should appear at the end of the article.

References: Authors are responsible for the accuracy of the references. See General Guidelines for details about the usage and formatting required.

Case Reports

Case reports should present cases which are rarely seen, feature novelty in diagnosis and treatment, and contribute to our current knowledge. The first page should include the title in English, an unstructured summary not exceeding 50 words, and key words. The main text should consist of introduction, case report, discussion and references. The entire text should not exceed 1500 words (A4, formatted as specified above). A maximum of 10 references shall be used in case reports.

Review Articles

Review articles can address any aspect of clinical or laboratory pediatrics. Review articles must provide critical analyses of contemporary evidence and provide directions for future research. **The journal only accepts and publishes invited reviews.** Before sending a review, discussion with the editor is recommended.

Reviews articles analyze topics in depth, independently and objectively. The first chapter should include the title in English, an unstructured summary and key words. Source of all citations should be indicated. The entire text should not exceed 18 pages (A4, formatted as specified above).

Letters to the Editor

Letters to the Editor should be short commentaries related to current developments in pediatrics and their scientific and social aspects, or may be submitted to ask questions or offer further contributions in response to work that has been published in the Journal. Letters do not include a title or an abstract; they should not exceed 1.000 words and can have up to 5 references.

COMMERCIALIZATION

Commercialization issues shall be discussed with the editor. It is possible to include an advertisement on the outer and inner pages of the journal.

COPYRIGHT

All copyright of the journal belongs to the related institutions.

The Journal of Pediatric Research is the publication organ of Ege University Faculty of Medicine Department of Pediatrics, supported by Ege Children's Foundation (EÇV).

CORRESPONDENCE

Prof. Dr. Özgür Çoğulu

The Journal of Pediatric Research

Ege University Faculty of Medicine, Department of Pediatrics, Bornova, 35100 Izmir, Turkey

Phone: +90 232 390 10 05 - 390 10 31

Fax: +90 232 390 13 57

E-mail: ozgur.cogulu@ege.edu.tr

Contents

Original Articles

- 172 ▶** Autoantibody Positivity in Children with Chronic Diarrhea
Hale Tuhun, Aslı Aslan, Çiğdem Ecevit, Elif Azarsız, Neslihan Karaca, Funda Çetin, Necil Kütükçüler, Güzide Aksu; İzmir, Turkey
- 179 ▶** An Investigation of Pediatric Nurses' Oral Care Practices
Betül Yavuz, Gülçin Özalp Gerçeker, Merve Gümüş, Hatice Bal Yılmaz; Kütahya, İzmir, Turkey
- 185 ▶** Evaluation of the Relationship between Mucosal Diseases and Faecal Calprotectin Levels in Children who Underwent Upper Gastrointestinal System Endoscopy
Maşallah Baran, Yeliz Çağan Appak, Fatma Demet Arslan, Dudu Solakoğlu Kahraman, Miray Karakoyun, İnanç Karakoyun, Büşra Emir, Gülden Diniz; İzmir, Turkey
- 192 ▶** The Role of Alvarado and Pediatric Appendicitis Score in Acute Appendicitis in Children
Yelda Türkmenoğlu, Alper Kaçar, Ensar Duras, Sevilay Kök, Attila Alp Gözübüyük, Cem Arat, Özlem Evrim Göksoy Topal, Aliye Kandırcı, Ozan Özkaya; İstanbul, Turkey
- 199 ▶** Views of Maternity Nurses Relating to Barriers in Early Initiation of Breastfeeding: A Qualitative Study
Sibel Serap Ceylan, Bengü Çetinkaya; Denizli, Turkey
- 207 ▶** The Effect of Fatigue-reducing Interventions on the Fatigue Levels of Children with Cancer: A Meta-analysis Study
Aslı Akdeniz Kudubeş, Murat Bektaş; İzmir, Turkey
- 216 ▶** Iron and Ferritin Levels of Children and Adolescents with Attention Deficit Hyperactivity Disorder and Attention Deficit Hyperactivity Disorder-Not Otherwise Specified
Yusuf Öztürk, Zehra Topal, Nuran Demir, Ali Evren Tufan; Bolu, Gaziantep, İstanbul, Turkey
- 223 ▶** Infantile Colic in Infants Aged One-Six Months and the Practices of Mothers for Colic
Nurdan Akçay Didişen, Betül Yavuz, Gülçin Özalp Gerçeker, Tuğba Albayrak, Meryem Atak, D. Zümrüt Başbakkal; İzmir, Kütahya, Aydın, Bursa, Turkey
- 230 ▶** The Use of Artificial Neural Networks for Differential Diagnosis between Vesicoureteral Reflux and Urinary Tract Infection in Children
Ahmet Keskinöğlü, Su Özgür; İzmir, Turkey
- 236 ▶** Association of Parents' Body Esteem and Body Mass Index with Children's Body Esteem and Body Mass Index: A Study from Turkey
Hilal Özcebe, Umut Ece Arslan, Sarp Üner, Özgür Araz, Hande Konsuk Ünlü, Mahmut Yardım, Nazmi Bilir, Terry T-k Huang; Ankara, Omaha, New York, Turkey, USA
- 243 ▶** Examining the Effect of a Program Developed to Address Bullying in Primary Schools
Hulya Karatas, Candan Ozturk; Şanlıurfa, Near Nicosia, Turkey, KKTC
- 250 ▶** Evaluation of Patients Diagnosed with Brain Death in Paediatric Critical Care
Muhterem Duyu, Zeynep Karakaya; İstanbul, Turkey
- 257 ▶** Relationships between Vitamin B12, Folate Levels and Clinical Features in Attention Deficit Hyperactivity Disorder and Attention Deficit Hyperactivity Disorder-Not Otherwise Specified
Yusuf Öztürk, Zehra Topal, Nuran Demir, Ali Evren Tufan; Bolu, Gaziantep, Ankara, İstanbul, Turkey

Case Reports

- 264 ▶** A Rare Case of Ascites: *Eosinophilic Gastroenteritis*
Güzide Doğan, Fatih Düzgün, Ömer Yılmaz, Semin Ayhan, Hüseyin Gülen, Erhun Kasırga; Manisa, Turkey