ISSN 2147-9720 • EISSN 2148-4279

EUROPEAN JOURNAL OF Rheumatology

Volume 2 • Issue 1 • March 2015

Page Pulmonary hypertension in inflammatory rheumatic diseases

Pulmonary hypertension in inflammatory rheumatic diseases

Humor in SLE

Early detection of SPA in psoriasis

Bone scinitigraphy

Neutrophil-Lymphocyte Ratio in FMF

Recent advances in Takayasu's arteritis

Tuberculous bursitis mimicking ankylosing spondylitis

The cornuate navicular

TRAPS and biotherapy

Spinning-induced rhabdomyolysis

Unusual association and therapeutic dilemma

Cutis laxa with Sjögren's syndrome

Musculoskeletal ultrasonography in Turkey

Imaging in lupus-associated intestinal vasculitis





ETR European Journal of Rheumatology

Editor in Chief

Servet Akar

Department of Rheumatology, İzmir Katip Çelebi University Faculty of Medicine, İzmir, Turkey

Associate Editors

Sibel Zehra Aydın

Department of Rheumatology, Koç University Faculty of Medicine,

Juan Jesus Gomez Reino Carnata

Division of Rheumatology, Department of Medicine, Hospital Clinico Universitario, Choupana, Santiago de Compostela, Spain Conchi Castillo Gallego

epartment of Rheumatology, Hospital Universitario La Paz, Madrid, Spain

Tamer A. Gheita

Department of Rheumatology, Cairo University Faculty of Medicine,

Bünyamin Kısacık

Division of Rheumatology, Department of Internal Medicine, Gaziantep University Faculty of Medicine, Gaziantep, Turkey

Ahmet Mesut Onat Division of Rheumatology, Department of Internal Medicine, Gaziantep University Faculty of Medicine, Gaziantep, Turkey

Ömer Nuri Pamuk Department of Rheumatology, Trakya University Faculty of Medicine, Edirne, Turkey

Antonio Gonzales Martinez Pedroya

ivision of Rheumatology, Department of Medicine, Hospital Clinico Universitario, Choupana, Santiago de Compostela, Spain

Mehmet Sayarlıoğlu

Department of Rheumatology, Ondokuz Mayıs University Faculty of Medicine, Samsun, Turkey

Eugen Feist epartment of Rheumatology and Clinical Immunology, Charité Universitätsmedizin Berlin, Berlin, Germany

Statistical Editor İsmail Sarı

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

Nurullah Akkoc

Division of Rheumatology and Immunulogy, Department of Internal Medicine, Dokuz Eylül University Faculty of Medicine, İzmir, Turkey **Dimitrios Boumpas**

Department of Internal Medicine and Rhematology, Clinical

İmmunulogy and Allergy, University of Crete, Crete, Greece David D Cruz

Louise Coote Lupus Unit, St Thomas' Hospital, London, UK Haner Direskeneli

Department of Rheumatology, Pendik Training and Research

Hospital, Marmara University, İstanbul, Turkey Doruk Erkan

Department of Rheumatology, Hospital for Special Surgery, New York, Cem Gabay

İrem Naz GÜVEL

Project Coordinators Hakan ERTEN

Graphics Department Ünal ÖZER

Zeynep YAKIŞIRER

Neslihan YAMAN

Merve KURT

Finance and Administration

Dilşad GÜNEY

Veysel KARA

Division of Rheumatology, Geneva University Hospitals, Geneva, Italy

AVES

İbrahim KARA Ali ŞAHİN Deputy Publication Directors Gökhan ÇİMEN Publication Coordinators Esra GÖRGÜLÜ Ebru MUTLU Betül ÇİMEN Saniye İNGİN Nihan GÜLTAN

Board-certified Rheumatologist Director, Rheumatology and Immunotherapy Center, Franklin, WI, USA

Department of Rheumatology, İstanbul University Faculty of Medicine, İstanbul, Turkey

On behalf of Medical Research and Education Association Ahmet Mesut Onat

Division of Rheumatology, Department of Internal Medicine, Gaziantep University Faculty of Medicine, Gaziantep, Turkey

Contact

: Büyükdere Cad. No: 105/9 34394 Mecidiyeköy, Şişli, İstanbul :+90 212 217 17 00 :+90 212 217 22 92 :info@avesyayincilik.com

Basım Tarihi: Mart 2015 Basım Yeri: ADA Ofset Matbaacılık Tic. Ltd. Şti., Litros Yolu 2. Matbaacılar S. E Blok No: (ZE2) 1. Kat Topkapı, İstanbul Telefon : +90 212 567 12 42

Francessco Del Galdo

Leeds Institute of Rheumatic and Musculoskelatal Medicine, Leeds University, Leeds, UK

Dennis Mc Gonagle Leeds Institute of Rheumatic and Musculoskelatal Medicine, Leeds

University Leeds UK Allan Gibofsky

Clinic of Rheumatology, Hospital for Special Surgery, New York, NY, USA Vedat Hamuryudan

Division of Rheumatology, Depertmant of Internal Medicine, Istanbul University Faculty of Medicine, Istanbul, Turkey Murat İnanç

Division of Rheumatology, Depertmant of Internal Medicine, İstanbul University Faculty of Medicine, İstanbul, Turkey

Hilal Maradit Kremers

Department of Health Sciences Research, Collage of Medicine, Mayo Clinic, Minnesota, USA

Peter Nash

Physician And Rheumatologist, University Of Queensland Faculty of Medicine, Brisbane, QLD, Australia

Seza Özen

Division of Pediatric Rheumatology, Department of Child Health and Diseases, Hacettepe University Faculty of Medicine, Ankara, Turkey Claus Rasmussen

Department of Bioscience, Aarhus University, Aarhus, Denmark Carlo Salvarani

Servizio di Reumatologia, Azienda Ospedaliera Arcispedale S. Maria Nuova, Emilia, Italy

Amr Sawalha

Department of Medicine, The University of Oklahoma Health Sciences Center, Oklahoma City, USA

Marco Mattuci-Cerinic Department of Experimental and Clinical Medicine, Division of

Rheumatology AOUC, University of Florence, Florence, Italy

Nancy Ann Shadick Division of Rheumatology, Brigham and Women's Hospital, Harvard Medical School, Boston, USA

Sekib Sokolovic

Clinic for Heart Diseases and Rheumatism, Clinical Center of University of Sarajevo, Sarajevo, Bosnia and Herzegovina **Konstantinos Tselios**

Centre for Prognosis Studies in the Rheumatic Diseases, Toronto Western Hospital, University Health Network, Toronto, ON, Canada

Georges C. Tsokos Division of Rheumatology Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, USA

Alvin Wells

Hasan Yazıcı

Yusuf Yazıcı

NYU Hospital for Joint Diseasses, New York, USA

Address Phone Fax E-mail

Yayın Türü : Yerel Süreli

EURD European Journal of Rheumatology

AIMS AND SCOPE

European Journal of Rheumatology (Eur J Rheumatol) is an international, open access peer reviewed journal committed to promoting the highest standards of scientific exchange and education. The journal is published quarterly on March, June, September and December.

The aim of the European Journal of Rheumatology is to cover various aspects of rheumatology for its readers, encompassing the spectrum of diseases with arthritis, musculoskeletal conditions, autoinflammatory diseases, connective tissue disorders, osteoporosis, translational research, the latest therapies and treatment programs. European Journal of Rheumatology publishes original articles, invited reviews, case reports, letters to the editor and images in rheumatology. The publication language of the journal is English.

The journal's target audience includes academicians, practitioners, specialists and students from all disciplines of rheumatology.

European Journal of Rheumatology adheres to the principles outlined by the guidelines of ICMJE, WAME, EASE and COPE.

All published content of the European Journal of Rheumatology is available online at www.eurjrheumatol.org, free of charge.

Statements or opinions expressed in the manuscripts published in the European Journal of Rheumatology reflect the views of the author(s) and not the opinions of the editors, the editorial board and the publisher; the editors, the editorial board and the publisher disclaim any responsibility or liability for such materials.

The journal is printed on an acid-free paper.

Permission requests for reproduction of materials published, reprint requests and requests concerning advertising should be addressed to the publisher;

Address: Büyükdere Cad. 105/9 34394 Mecidiyeköy, Şişli, İstanbul, Turkey Phone: +90 212 217 17 00 Fax: +90 212 217 22 92 e-mail: info@avesyayincilik.com www.avesyayincilik.com

FJR European Journal of Rheumatology

INSTRUCTIONS TO AUTHORS

European Journal of Rheumatology (Eur J Rheumatol) is an international, open access peer reviewed journal committed to promoting the highest standards of scientific exchange and education. The journal is published quarterly on March, June, September and December. The journal covers various aspects of rheumatology for its readers, encompassing the spectrum of diseases with arthritis, musculoskeletal conditions, autoinflammatory diseases, connective tissue disorders, osteoporosis, translational research, the latest therapies and treatment programs. European Journal of Rheumatology publishes original articles, invited reviews, case reports, letters to the editor and images in rheumatology. The publication language of the journal is English.

The members of reviewer board of the journal are selected from independent international authorities and experts. The editorial board requests the assistance of the reviewer board while selecting manuscripts for publication.

An approval of research protocols by Ethics Committee in accordance with international agreements (Helsinki Declaration of 1975, revised 2008 - available at http://www.wma.net/en/30publications/10policies/b3/index. html>, "Guide for the care and use of laboratory animals - www.nap.edu/ catalog/5140.html/) is required for experimental, clinical and drug studies.

An "Author Contribution Form" is required with all submissions. A statement on absence of conflict of interests are required. (ICMJE Form for Disclosure of Potential Conflicts of Interest and Authorship Contributions forms are available at www.eurjrheumatol.org).

The journal's editorial and publication processes are adherent to the guidelines of the international organizations such as ICMJE, WAME, COPE and EASE.

European Journal of Rheumatology requires authors to acknowledge and provide information on grants, contracts or other financial support of the study provided by any foundations and institutions or firms.

Manuscripts that have been published previously elsewhere or are currently under consideration in other journals will not be evaluated and these type of submissions will be returned to the submitting author. All manuscripts are checked for plagiarism, replication, and duplicate publication. The retraction requests of manuscripts without reasonable explanation will result in "reject" decision if the manuscript is under consideration for publication and close to the final decision.

By submitting a manuscript to European Journal of Rheumatology author acknowledge that the editors could make corrections without changing the basic meaning of the text of the manuscript.

To be accepted for publication, it is required that manuscripts should be original and of high scientific and academic quality, with probability of being cited.

Manuscript Submission

European Journal of Rheumatology only evaluates manuscripts submitted via the journal's self-explanatory submission system available through www.eurjrheumatol.org. Manuscripts submitted via any other medium will not be evaluated.

If a manuscript was previously submitted to another publication for evaluation, it is advised that the authors provide the previous evaluation reports during submission to facilitate the evaluation process. Prior to the evaluation process, each submission goes through a technical review process where the manuscript's general format is checked against the journal's general guidelines. Manuscripts that do not comply with the journal's guidelines will be returned to the submitting author with correction requests and will not undergo peer-review before the requested corrections are implemented.

Following the peer-review process, if a revision is requested, authors are required to return the revised manuscript within 21 days for minor revision decisions and 45 days for major revision decisions. If the authors think that the allocated time is not sufficient to implement the corrections, a deadline extension should be requested from the editorial office before the due date.

Manuscript format should be in accordance with Uniform Requirements for Manuscripts Submitted to Biomedical Journals: Writing and Editing for Biomedical Publication (updated in December 2014 - http://www.icmje. org/icmje-recommendations.pdf).

The filled authorship contributions form must be submitted along with the manuscript. The journal's rules on authorship contributions are in compliance with CSE (http://www.councilscienceeditors.org/i4a/pages/index.cfm?pageid=3376) and ICMJE (http://www.icmje.org/ethical_1author.html) recommendations.

Original Investigations and Reviews should be presented according to the following guidelines: randomized study - CONSORT, observational study - STROBE, study on diagnostic accuracy - STARD, systematic reviews and meta-analysis PRISMA, animal experimental studies - ARRIVE, nonrandomized behavioural and public health intervention studies - TREND.

Manuscript Preparation

Title Page

Each submission should be accompanied by a title page. The document should be submitted separately through the submission system and should include the title of the manuscript, running head, a full list of all contributing authors, full institution information of all contributing authors, an address for correspondence, contact information of the corresponding author (including the contact phone number, mobile phone number and the e-mail address), if the content of the manuscript has been presented before the time and place of the presentation and the acknowledgements if there are any. Acknowledgement to persons who significantly contributed to the study or assisted in preparing article should be done appropriately.

Abstract

The abstract should be limited to 400 words for original articles and review articles and should be limited to 250 words for case reports. Abstracts of original articles should be structured with the following subheadings: Objective, Material and Methods, Results and Conclusion.

Key words

All submissions should be accompanied by 3 to 6 keywords concordant with NLM MeSH vocabulary terms (available at http://www.nlm.nih.gov/mesh/MBrowser.html)

Main Document

Main document should include the main text, reference list and the tables. It should be prepared using Microsoft Word software. Times New Roman font (size 12) should be used throughout the main document with 1.5 line spacing. The side margins of the main document should be set at 25 mm from all sides.

EURD European Journal of Rheumatology

Main text

The main text should be structured depending on the type of the manuscript. The main text of original articles should be structured with Introduction, Material and Methods, Results and Discussion subheadings while the main text of case reports should be structured with Introduction, Case Presentation and Discussion subheadings. These sections can be divided into subsections and subtitles where appropriate. With original articles, the limitations of the study should be provided under the Discussion section, before the conclusion paragraph.

The main text of original articles should not exceed 3000 words and should be accompanied by necessary number of tables and figures. The number of references cited in an original article should be limited to 35.

With review articles, the main text should not exceed 5000 words and should be accompanied by necessary number of tables and figures. The number of references cited in an original article should be limited to 50.

Case reports should not be longer than 1200 words, and the number of references should be limited to 10.

Letters to the Editor and Images in Rheumatology should not be longer than 500 words. The number of references should be limited to 5 with these kind of manuscripts.

The main text of all manuscripts should be blind. Any information that may indicate an individual or institution should be excluded.

Information on informed consent of the patients and ethics committee approval should be provided under the Material and Methods section of the main text.

Statistical analysis should be performed in accordance with guidelines on reporting statistics in medical journals (Altman DG, Gore SM, Gardner MJ, Pocock SJ. Statistical guidelines for contributors to medical journals. Br Med J 1983: 7; 1489-93.). Software used for analysis should be describe. For parametric tests represent continuous variables as Mean±Standard Deviation, while for nonparametric tests represent data as Median and range (Minimum- Maximum) or Median and interquartile range (25th and 75th percentiles). Whenever complex analyses are used support the relative risk, odds or hazard ratios values by providing confidence intervals and p values.

When a drug, product, hardware, or software mentioned within the main text product information, including the name of the product, producer of the product, city of the company and the country of the company should be provided in parenthesis in the following format: "Discovery St PET/CT scanner (General Electric, Milwaukee, WI, USA)"

All references, tables and figures should be referred to within the main text. All acronyms and abbreviations should be defined at first use within the main text followed by the acronym or abbreviation in parenthesis.

References

References should be numbered in the order they are referred to within the main text. Authors are responsible for accuracy of references.

Reference Formatting

Standard journal article: Abbreviations of journal titles should be done in accordance with journal abbreviations used in Index Medicus (for journal abbreviations consult List of Journals indexed for MEDLINE published annually by NLM at http://www.nlm.nih.gov/tsd/serials/lji.html). In case of six or less authors numbers list of all authors is required. If number of authors exceeds six, list first 6 authors followed by et al. A list of authors should be followed by the full title of the article, journal title, year, volume and page numbers.

Example: Muller C, Buttner HJ, Peterson J, Roskomun H. A randomized comparison of clopidogrel and aspirin versus ticlopidine and aspirin after placement of coronary artery stents. Circulation 2000; 101: 590-3.

Books: Chapter in a book: Sherry S. Detection of Thrombi. In: Strauss HE, Pitt B, James AE, editors. Cardiovascular Medicine. St Louis: Mosby; 1974. p. 273-85.

Personal author(s): Cohn PF. Silent Myocardial Ischemia and Infarction. 3rd ed. New York: Marcel Dekker; 1993.

Editor (s), compiler(s) as author: Norman IJ, Redfern SJ, editors. Mental Health Care for Elderly People. New York: Churchill Livingstone; 1996.

Conference paper: Bengisson S. Sothemin BG. Enforcement of data protection, privacy and security in medical informatics. In: Lun KC, Degoulet P, Piemme TE, Rienhoff O, editors. MEDINFO 92. Proceedings of the 7th World Congress on Medical Informatics; 1992 Sept 6-10; Geneva, Switzerland. Amsterdam: North-Holland; 1992. P. 1561-5.

Scientific or technical report: Smith P. Golladay K. Payment for durable medical equipment billed during skilled nursing facility stays. Final report. Dallas (TX) Dept. of Health and Human Services (US). Office of Evaluation and Inspections: 1994 Oct. Report No: HHSIGOE 169200860.

Dissertation: Kaplan SI. Post-hospital home health care: the elderly access and utilization (dissertation). St. Louis (MO): Washington Univ. 1995.

Article in electronic format: Morse SS. Factors in the emergence of infectious diseases. Emerg Infect Dis (serial online) 1995 Jan-Mar (cited 1996 June 5): 1(1): (24 screens). Available from: http://www.cdc.gov/ncidodlEID/cid.htm.

Tables

Tables should be included at the end of the main document and should not be submitted separately. Each table should be accompanied by a descriptive title. Abbreviations used in tables should be defined below the tables by footnotes. All tables should be referred to within the main text and they should be numbered consecutively in the order they are referred to.

Figures

Figures should be submitted as separate files through the submission system and they should not be embedded in the main document. Each figure should be accompanied by a descriptive legend. When there are subunits, the subunits should not be merged to form a single image but should be submitted through the submissions system. Submitted images should be clear and large in size with a minimum width of 15 cm. The minimum resolution of each submitted image should be 300DPI. Like the rest of the manuscript, the figures too should be lind. All information that may indicate and individual or institution should be excluded.

The originality of tables and figures should be confirmed in the accompanying letter. In case of reproduction of tables and figures from other published sources, the appropriate citation should be done and the original source either in hardcopy or electronic (*.*pdf) format along with the obtained permission for publication from Copyright owner (publisher, journal or author(s)) should be submitted to the Editor-in-Chief office.

The rules for title page, references, figures and tables are applicable for all types of manuscripts.

FJR European Journal of Rheumatology

CONTENTS

	Original Investigations
1	Is early diagnosis of pulmonary arterial hypertension possible in inflammatory rheumatic diseases? Experience from a single center in Turkey
	Ali Akdoğan, Sercan Okutucu, Levent Kılıç., Barış Kaya, Banu Evranos, Kudret Aytemir, Lutfi Coplu, İhsan Ertenli, Meral Calguneri, Ali Oto, Lale Tokgözoğlu
5	Humor in systemic lupus erythematosus Cristiano S. Moura, Rui Li, Sarah Lawrie, Amit Bar-Or, Ann E. Clarke, Deborah Da Costa, Devi Banerjee, Sasha Bernatsky, Jennifer L. Lee, Christian A. Pineau
10	Early detection of spondyloarthropathy in patients with psoriasis by using the ultrasonography and magnetic resonance image Maha Hamdy, Gihan Omar, Rawhya R Elshereef, Abdou S Ellaban, Mohamed Amin
16	Clinical utility of bone scintigraphy in patients with limb pain of suspected musculoskeletal origin Robert Ferrari
20	Neutrophil-lymphocyte ratio in children with familial Mediterranean fever: Original article Running head: Neutrophil-lymphocyte ratio in FMF Fatma Duksal, Demet Alaygut, Ahmet Sami Guven, Mahmut Ekici, Mehmet Burhan Oflaz, Rukiye Tuncer, Omer Cevit
	Review
24	Recent advances in Takayasu's arteritis Fatma Alibaz-Öner, Sibel Zehra Aydın, Haner Direskeneli
	Case Reports
31	Tuberculous bursitis of the greater trochanter mimicking ankylosing spondylitis Öykü Tayfur, Levent Kılıç, Ömer Karadağ, Ali Akdoğan, Ülkü Kerimoğlu, Ömrüm Uzun
33	An unusual cause of medial foot pain: The cornuate navicular Fatima Ezzahra Abourazzak, Mohammed Shimi, Hamida Azzouzi, Samia Mansouri, Abdelmajid El Mrini, Taoufik Harzy
35	Successful treatment of tumor necrosis factor receptor-associated periodic syndrome (TRAPS) with tocilizumab: A case report Nessrine Akasbi, Muhammad S Soyfoo
37	Spinning-induced rhabdomyolysis: A case report and review of literature Fatma Fidan, Berat Alkan, Gülçin Uğurlu, Elif Boyraz, Aliye Tosun, Özge Ardıçoğlu, Selami Akkuş
39	Methorexate therapy in a patient with rheumatoid arthritis complicated by idiopathic thrombocytopenic purpura Sabiha Komoğlu, Duygu Silte, Meltem Sertbaş, Yasar Sertbaş, Ali Özdemir
_	Letters to the Editor
41	Cutis laxa (elastolysis) in a patient with Sjögren's syndrome Metin Işık, Çisel Aydın
43	Use of musculoskeletal ultrasound in rheumatoid arthritis in Turkey among rheumatologists: A national targeted ultrasound initiative survey Özge Telci Çakılılı, Salih Pay, Nevsun İnanc, Sevil Kamalı, Ömer Karadağ, Umut Kalyoncu, Sibel Zehra Aydın
	Image of Interest
45	Computed tomography angiography (CTA) findings of lupus-associated intestinal vasculitis Türker Acar, Duran Efe, Melda Yıldız, Kazım Gemici, Serkan Güneyli