

# EJR European Journal of Rheumatology

Volume 5 • Issue 3 • September 2018

Page  
173

Catalytic antibodies in  
patients with systemic lupus  
erythematosus

- Dimethylarginines in vasculitis
- Muscle loss following IM steroid injection for RA flare
- Hidradenitis suppurativa and inflammatory eye disease
- Comorbidities in Argentine patients with axial spondyloarthritis
- Catalytic antibodies in Indian patients with SLE
- Fertility in women with rheumatoid arthritis
- Risk factor assessment of rheumatoid arthritis in North Kerala



# EJR European Journal of Rheumatology

## Editor in Chief

**George C. Tsokos**

Division of Rheumatology, Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, Massachusetts, USA

## Associate Editors

**Hèctor Corominas**

Servei de Reumatologia, Hospital Moisès Broggi, Barcelona, Catalonia, Spain; Division of Rheumatology and Lupus Center, Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, MA, USA

**Bünyamin Kısacık**

Department of Rheumatology, Gaziantep Medical Park Hospital, Gaziantep, Turkey

**Seung-Ki Kwok**

Seoul St. Mary's Hospital, The Catholic University of Korea, Seoul, Korea

**Roger A. Levy**

Department of Rheumatology, The State University of Rio de Janeiro, Rio De Janeiro, Brazil

**Stmatis-Nick Liossis**

Division of Rheumatology, University of Patras School of Medicine, Patras University Hospital, Patras, Greece

**Ahmet Mesut Onat**

Professor in Rheumatology, Gaziantep, Turkey

**Amr H. Sawalha**

Division of Rheumatology, Department of Internal Medicine; Center for Computational Medicine and Bioinformatics, University of Michigan, Ann Arbor, MI, USA

**Amir Sharabi**

Division of Rheumatology, Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, MA, USA; Department of Clinical Immunology, Tel Aviv University Sackler Faculty of Medicine, Tel Aviv, Israel

**Yusuf Yazıcı**

NYU Hospital for Joint Diseases, New York, NY USA

## Statistical Editor

**İsmail Sarı**

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

## Owner and Responsible Manager

**Ahmet Mesut Onat**

Professor in Rheumatology

*Sahibi ve Sorumlu Yazı İşleri Müdürü: Ahmet Mesut Onat • Yayın türü: Yerel süreli • Basım yeri: Matsis Matbaa Hizmetleri San. ve Tic. Ltd. Şti, Tevfikbey Mah., Dr. Ali Demir Cad. No: 51, 34290 Sefaköy, İstanbul (+90 212 624 21 11) • Basım tarihi: Eylül 2018 Adres: Değirmişem Mah., Mithat Erç Cad. 5A, Gaziantep*



**Publisher**  
İbrahim KARA

**Publication Director**  
Ali ŞAHİN

**Finance and Administration**  
Zeynep YAKIŞIRER

**Deputy Publication Director**  
Gökhan ÇİMEN

**Editorial Development**  
Gizem KAYAN

**Publication Coordinators**  
Betül ÇİMEN  
Özlem ÇAKMAK  
Okan AYDOĞAN  
İrem DELİÇAY  
Büşra PARMAKSIZ  
Nergis KALKAN  
Arzu YILDIRIM

**Project Assistants**  
Ecenur ASLIM  
Neslihan KÖKSAL  
Cansu ASLAN

**Graphics Department**  
Ünal ÖZER  
Deniz DURAN

**Contact**  
Address: Büyükdere Cad. No: 105/9  
34394 Mecidiyeköy, Şişli, İstanbul  
Phone: +90 212 217 17 00  
Fax: +90 212 217 22 92  
E-mail: info@avesyayincilik.com

## Editorial Board

### Julian Ambrus

Division of Allergy, Immunology and Rheumatology, Buffalo School of Medicine, Buffalo, NY, USA

### Iannis Adamopoulos

Division of Rheumatology, Allergy and Clinical Immunology, University of California Davis School of Medicine, California, USA

### Nurullah Akkoç

Division of Rheumatology and Immunology, Department of Internal Medicine, Dokuz Eylül University School of Medicine, Izmir, Turkey

### Sibel Zehra Aydın

Division of Rheumatology, Ottawa University School of Medicine, Ottawa, Canada

### Ernest Brahn

Department of Rheumatology, UCLA School of Medicine, CA, USA

### Dimitrios Boumpas

Department of Internal Medicine and Rheumatology, Clinical Immunology and Allergy, University of Crete, Crete, Greece

### Juan Jesus Gomez Reino Carnata

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

### David D Cruz

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

### Haner Direskeneli

Department of Rheumatology, Pendik Training and Research Hospital, Marmara University, Istanbul, Turkey

### Paul Emery

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

### Doruk Erkan

Department of Rheumatology, Hospital for Special Surgery, New York, NY, USA

### Eugen Feist

Department of Rheumatology and Clinical Immunology, Charite Universitätsmedizin Berlin, Berlin, Germany

### Cem Gabay

Division of Rheumatology, Geneva University Hospitals, Geneva, Italy

### Francesco Del Galdo

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

### Conchi Castillo Gallego

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

### Tamer A. Gheita

Department of Rheumatology, Cairo University School of Medicine, Giza, Egypt

### Allan Gibofsky

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

### Dennis Mc Gonagle

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

### Vedat Hamuryudan

Division of Rheumatology, Department of Internal Medicine, Istanbul University School of Medicine, Istanbul, Turkey

### Christian Hedrich

Department of Pediatric Rheumatology & Immunology, Carl Gustav Carus University Medical Center, Dresden, Germany

### Vasileios C. Kytтарыs

Division of Rheumatology, Harvard Medical School Beth Israel Deaconess Medical Center, Boston, MA, USA

### Nicholas Manolios

Department of Rheumatology, Westmead Hospital, Sydney, Australia

### Hilal Maradit Kremers

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

### Marco Mattuci-Cerinic

Department of Experimental and Clinical Medicine, Division of Rheumatology AOUC, University of Florence, Florence, Italy

### Pier Luigi Meroni

Department of Rheumatology, University of Milan Clinical Sciences and Community Health, Milan, Italy

### Pierre Miossec

Clinical Immunology and Rheumatology Unit, University of Lyon, Lyon, France

### Peter Nash

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

### Seza Özen

Division of Pediatric Rheumatology, Department of Child Health and Diseases, Hacettepe University School of Medicine, Ankara, Turkey

### Antonio Gonzales Martinez Pedroya

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

### Carlo Perricone

Department of Rheumatology, Sapienza University of Rome, Rome, Italy

### Claus Rasmussen

Department of Bioscience, Aarhus University, Aarhus, Denmark

### Carlo Salvarani

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

### Nancy Ann Shadick

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

### Yehuda Shoenfeld

Zabludowicz Center for Autoimmune Diseases, Sheba Medical Center, Sackler Faculty of Medicine, Tel-Aviv University, Tel-Aviv, Israel

### Sekib Sokolovic

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

### Isaac Ely Stillman

Department of Pathology and Cancer Research Institute, Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, Massachusetts, USA

### John H. Stone

Massachusetts General Hospital Rheumatology Unit, Harvard Medical School, Boston, MA

### Elias Toubi

Division of Allergy and Clinical Immunology, Bnai Zion Medical Center, Haifa, Israel

### Konstantinos Tselios

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

### Panayiotis Vlachoyiannopoulos

National and Kapodistrian University of Athens, Athens, Greece

### Alvin Wells

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

### Hasan Yazıcı

Department of Rheumatology, Istanbul University School of Medicine, Istanbul, Turkey

## 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.

European Journal of Rheumatology is currently indexed in PubMed Central, Web of Science-Emerging Sources Citation Index, EBSCO and CINAHL.

All published content of the European Journal of Rheumatology is available online at [eurjrheumatol.org](http://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](mailto:info@avesyayincilik.com)

[avesyayincilik.com](http://avesyayincilik.com)

## 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.

1. Substantial contributions to the conception or design of the work; or the acquisition, analysis, or interpretation of data for the work; AND
2. Drafting the work or revising it critically for important intellectual content; AND
3. Final approval of the version to be published; AND
4. Agreement to be accountable for all aspects of the work in ensuring that questions related to the accuracy or integrity of any part of the work are appropriately investigated and resolved.

In addition to being accountable for the parts of the work he or she has done, an author should be able to identify which co-authors are responsible for specific other parts of the work. In addition, authors should have confidence in the integrity of the contributions of their coauthors.

All those designated as authors should meet all four criteria for authorship, and all who meet the four criteria should be identified as authors. Those who do not meet all four criteria should be acknowledged in the title page of the manuscript.

European Journal of Rheumatology requires corresponding authors to submit a signed and scanned version of the authorship contribution form (available for download through [www.eurjrheumatol.org](http://www.eurjrheumatol.org)) during the initial submission process in order to act appropriately to authorship rights and prevent ghost or honorary authorship.

Any financial grants or other support received for the study from individuals or institutions should be disclosed to the Editorial Board and to disclose potential conflicts of interest ICMJE Potential Conflict of Interest Disclosure Form (available at [www.icmje.org](http://www.icmje.org)) should be filled in and submitted during the initial submission process. Cases of potential conflicts of interest of editors, authors and reviewers are resolved by the journal's Editorial Board within the scope of COPE and ICMJE guidelines.

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](http://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 expla-

nation 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](http://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 2017 - <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](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, non-randomized 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.

## Keywords

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.

## 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, 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 JJ, Redfern SJ, editors. *Mental Health Care for Elderly People*. New York: Churchill Livingstone; 1996.

Conference paper: Bengissson 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/nccidod/EID/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 blind. All information that may indicate an 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.

## CONTENTS

### *Original Articles*

- 153** Higher levels of SDMA and not ADMA are associated with poorer survival of trial patients with systemic ANCA-associated vasculitis  
Uta Erdbrügger, Jan T. Kielstein, Kerstin Westman, Jennie Z. Ma, Wenjun Xin, Stephanie M. Bode-Böger, Mårten Segelmark, Niels Rasmussen, Kirsten de Groot
- 160** Muscle loss following a single high-dose intramuscular injection of corticosteroids to treat disease flare in patients with rheumatoid arthritis  
Andrew B. Lemmey, Thomas J. Wilkinson, Celine M. Perkins, Luke A. Nixon, Fazal Sheikh, Jeremy G. Jones, Yasmeen A. Ahmad, Thomas D. O'Brien
- 165** Characteristics of inflammatory eye disease associated with hidradenitis suppurativa  
Didem Saygin, Abraham U. Syed, Careen Y. Lowder, Sunil Srivastava, Juan J. Maya, Rula A. Hajj-Ali
- 169** Comorbidities in Argentine patients with axial spondyloarthritis: Is nephrolithiasis associated with this disease?  
Fernando Sommerfleck, Emilce Schneeberger, Gustavo Citera
- 173** Catalytic antibodies in patients with systemic lupus erythematosus  
Vandana Pradhan, Pallavi Pandit, Prathamesh Surve, Maxime Lecerf, Anjali Rajadhyaksha, Milind Nadkar, Prasad V. Khadilkar, Durga A. Chougule, Aalaap A. Naiqaonkar, Sébastien Lacroix-Desmazes, Jagadeesh Bayry, Kanjaksha Ghosh, Sriniv. Kaveri
- 179** Is rheumatoid arthritis an innocent bystander in female reproductive problems? A comparative study of fertility in Nigerian women with and without rheumatoid arthritis  
Richard Oluyinka Akintayo, Olufemi Opeyemi Aworinde, Osaze Ojo, Foluke Comfort Akintayo, Olowale Matthias Akinlade, Rasheed Olaide Awodun, Sakiru Oyetunji Isa
- 184** Risk factor assessment of rheumatoid arthritis in North Kerala  
Binoy Paul, Rosh Pariyapurath
- Literature Review*
- 191** Symmetric polyarthritis as an initial symptom in granulomatosis with polyangiitis: A report of six cases and review of the literature  
Bünyamin Kısack, Mustafa Erkut Önder, Mehmet Sayarlioğlu, Ahmet Mesut Onat
- Case Reports*
- 194** Anti-Ro antibodies and complete heart block in adults with Sjögren's syndrome  
Kerry Jobling, Hanaa Rajabally, Wan-Fai Ng
- 197** Inflammatory myopathy and autoimmune hepatitis in a patient with a flare of systemic lupus erythematosus: An exceptional association  
Tarek Carlos Salman-Monte, Irene Carrión-Barberà, Carolina Pérez García, Javier Gimeno Beltrán, Jordi Monfort



## CONTENTS

- 201** First case of demyelinating polyneuropathy probably related to treatment with golimumab  
Francisco Javier Domínguez Díez
- 203** Hemophagocytic lymphohistiocytosis after certolizumab treatment in a patient with rheumatoid arthritis  
Göksel Güven, Aslihan Güler, Nil Özyüncü, Leyla Talan, Aylin Heper, Tahsin Murat Turgay, Neriman Defne Altıntaş
- 206** A case of exogenous ochronosis associated with hydroxychloroquine  
Emre Tekgöz, Egemen Akıncioğlu, Muhammet Çınar, Sedat Yılmaz
- Letter to the Editor*
- 209** Aortic aneurysm and dissection in systemic lupus erythematosus-pathophysiologic and therapeutic considerations  
Nicholas G. Kounis, Ioanna Koniari, Dimitrios Velissaris, George Soufras, George Hahalis
- Images in Rheumatology*
- 212** Acrometastasis as the first manifestation of lung carcinoma  
Mohammed El Idrissi, Nessrine Akasbi, Abdelhalim Elibrahimi, Abdelmajid Elmrini
- 214** Dacrocystitis and orbital pseudotumor in a patient with Granulomatosis with polyangitis  
Sajal Ajmani, Abhishek Zanwar, Pradeepta Patro, Able Lawrence