



# The Journal of Rheumatology

VOLUME 44: NO. 11

jrheum.org

NOVEMBER 2017

## Editorials

**Is Gut Microbial LPS a Potential Trigger of Juvenile Idiopathic Arthritis?** *D.F. Azzouz, G.J. Silverman* . . . . . 1569

**The Measurement of the Endothelial Glycocalyx as a New Biomarker of Endothelial Derangement in Systemic Sclerosis: A Challenge for the Future**  
*S. Bellando-Randone, M. Matucci-Cerinic* . . . . . 1572

## Rheumatoid Arthritis

**Trends in Treatment, Outcomes, and Incidence of Orthopedic Surgery in Patients with RA: An Observational Cohort Study Using the Japanese National Database of Rheumatic Diseases**  
*T. Matsumoto, J. Nishino, N. Izawa, et al.* . . . . . 1575

## Systemic Lupus Erythematosus

**Performance of Screening Tests for Cognitive Impairment in SLE** *S.G. Nantes, J. Su, A. Dhaliwal, K. Colosimo, Z. Touma* . . . . . 1583

**Mortality and Functionality after Stroke in Patients with SLE** *M. Rossides, J.F. Simard, E. Svenungsson, M. von Euler, E.V. Arkema* . . . . . 1590

⊗ **Closing the Serological Gap in the Antiphospholipid Syndrome: The Value of “Non-criteria” Antiphospholipid Antibodies** *N. Zohoury, M.L. Bertolaccini, J.L. Rodriguez-Garcia, et al.* . . . . . 1597

## Systemic Sclerosis

**Automated Measurement of Microvascular Function Reveals Dysfunction in SSc: A Cross-sectional Study**  
*D.R. Machin, P.E. Gates, H. Vink, T.M. Frech, A.J. Donato* . . . . . 1603

## Myositis

**Myositis-associated Interstitial Lung Disease: Predictors of Failure of Conventional Treatment and Response to Tacrolimus in a US Cohort**  
*N. Sharma, M.S. Putman, R. Vij, M.E. Streck, A. Dua* . . . . . 1612

## Pediatric Rheumatology

**Approach to Membranous Lupus Nephritis: A Survey of Pediatric Nephrologists and Pediatric Rheumatologists**  
*A. Boneparth, S.M. Radhakrishna, L.A. Greenbaum, et al.* . . . . . 1619

**Serologic Evidence of Gut-driven Systemic Inflammation in JIA**  
*L. Fotis, N. Shaikh, K.W. Baszis, et al.* . . . . . 1624

**Isolated Arthritis of the Temporomandibular Joint as the Initial Manifestation of JIA**  
*B. Hügler, L. Spiegel, J. Hotte, et al.* . . . . . 1632

**Phenotypic Features and Longterm Outcomes of Pediatric Inflammatory Bowel Disease Patients with Arthritis and Arthralgia**  
*O. Nir, F. Rinawi, G. Amarilyo, L. Harel, R. Shamir, A. Assa* . . . . . 1636

## Osteoarthritis

**Associations Between Knee Effusion-synovitis and Joint Structural Changes in Patients with Knee OA**  
*X. Wang, X. Jin, L. Blizzard, et al.* . . . . . 1644

**Genetic Determinants of Radiographic Knee OA in African Americans**  
*Y. Liu, M.S. Yau, L.M. Yerges-Armstrong, et al.* . . . . . 1652

**Do Comorbidities Play a Role in Hand OA Disease Burden? Data from the Hand OA in Secondary Care Cohort**  
*W. Damman, R. Liu, F.P. Kroon, et al.* . . . . . 1659

## Other Arthritides

**Cryopyrin-associated Periodic Syndromes in Italian Patients: Evaluation of the Rate of Somatic NLRP3 Mosaicism and Phenotypic Characterization**  
*D. Lasigliè, A. Mensa-Vilaro, D. Ferrera, et al.* . . . . . 1667

**Risk of Retinal Toxicity in Longterm Users of Hydroxychloroquine**  
*J.W. Kim, Y.Y. Kim, H. Lee, S.H. Park, S.K. Kim, J.Y. Choe* . . . . . 1674

⊗ Free online via JRheum Full Release option

Contents continued on page xvi

---

## Images in Rheumatology

**Pachydermoperiostosis: The Elephant Skin Disease**  
*C. Hong, N. Devic, A. Zavareh, A. Desai, N. Ng . . . . .* 1680

## In Memoriam

**Ignazio Olivieri, MD, 1953–2017**  
*C. Salvarani, M.A. Khan . . . . .* 1682

## OMERACT 2016 — International Consensus Conference on Outcome Measures in Rheumatology, Whistler, British Columbia, Canada, May 2016

### Special Interest Groups, Part 1

**Advancing the Development of Patient-reported Outcomes for Adult Myositis at OMERACT 2016: An International Delphi Study**  
*J.K. Park, C.A. Mecoli, H. Alexanderson, et al . . . . .* 1683

**Development and Validation of the OMERACT RA Magnetic Resonance Tenosynovitis Scoring System in a Multireader Exercise**  
*D. Glinatsi, P. Bird, F. Gandjbakhch, et al . . . . .* 1688

**Development and Reliability of the OMERACT Thumb Base OA MRI Scoring System**  
*F.P. Kroon, P.G. Conaghan, V. Foltz, et al . . . . .* 1694

**Whole-body MRI in Inflammatory Arthritis: Systematic Literature Review and First Steps Toward Standardization and an OMERACT Scoring System**  
*M. Østergaard, I. Eshed, C.E. Althoff, et al . . . . .* 1699

**The OMERACT RA MRI Scoring System: Updated Recommendations by the OMERACT MRI in Arthritis Working Group**  
*M. Østergaard, C.G. Peterfy, P. Bird, et al . . . . .* 1706

**Validation of a Knowledge Transfer Tool According to the OMERACT Filter: Does Web-based Real-time Iterative Calibration Enhance the Evaluation of Bone Marrow Lesions in Hip OA?**  
*J.L. Jaremko, O. Azmat, R.G. Lambert, et al . . . . .* 1713

**Validation of a Knowledge Transfer Tool for the Knee Inflammation MRI Scoring System for Bone Marrow Lesions According to the OMERACT Filter: Data from the OA Initiative**  
*J.L. Jaremko, O. Azmat, R.G. Lambert, et al . . . . .* 1718

**Achieving Consensus on Total Joint Replacement Trial Outcome Reporting Using the OMERACT Filter: Endorsement of the Final Core Domain Set for Total Hip and Total Knee Replacement Trials for Endstage Arthritis**  
*J.A. Singh, M.M. Dowsey, M. Dohm, et al . . . . .* 1723

**Health Equity Considerations for Developing and Reporting Patient-reported Outcomes in Clinical Trials: A Report from the OMERACT Equity Special Interest Group**  
*J. Petkovic, J.L. Barton, C. Flurey, et al . . . . .* 1727

**An OMERACT Initiative Toward Consensus to Identify and Characterize Candidate Contextual Factors: Report from the Contextual Factors Working Group**  
*M.E. Finger, A. Boonen, T.G. Woodworth, et al . . . . .* 1734

**The OMERACT Ultrasound Group: A Report from the OMERACT 2016 Meeting and Perspectives**  
*L. Terslev, A. Iagnocco, G.A. Bruyn, et al, on behalf of the OMERACT Ultrasound Group . . . . .* 1740

**Definition and Reliability Assessment of Elementary Ultrasonographic Findings in Calcium Pyrophosphate Deposition Disease: A Study by the OMERACT Calcium Pyrophosphate Deposition Disease Ultrasound Subtask Force**  
*G. Filippou, C.A. Scirè, N. Damjanov, et al . . . . .* 1744

**Developing a Core Set of Outcome Measures for Behçet Disease: Report from OMERACT 2016**  
*G. Hatemi, A. Meara, Y. Ozguler, et al . . . . .* 1750

**A Patient-reported Outcome Measure for Effect of Glucocorticoid Therapy in Adults with Inflammatory Diseases Is Needed: Report from the OMERACT 2016 Special Interest Group**  
*R.J. Black, J.C. Robson, S.M. Goodman . . . . .* 1754

## Letters

**Radiographic Evidence of Hip Joint Recovery in Patients with Ankylosing Spondylitis after Treatment with Anti-tumor Necrosis Factor Agents: A Case Series**  
*R. Song, S.W. Chung, S.H. Lee . . . . .* 1759

**Paradoxical Nodular Scleritis during Tocilizumab Therapy: A Case Report**  
*E. Michael, E.L. Lange, S. Guest . . . . .* 1760

## Correction

**Adherence and Persistence with Drug Therapy among Fibromyalgia Patients: Data from a Large Health Maintenance Organization**  
*D. Ben-Ami Shor, D. Weitzman, S. Dahan, et al . . . . .* 1762

**Meetings in Rheumatology . . . . .** x