

# The Journal of Rheumatology

VOLUME 42: NO. 1

jrheum.org

JANUARY 2015

## Editorials

**Magnetic Resonance Imaging — Key to Understanding and Monitoring Disease Progression in Spondyloarthritis?**  
*M. Østergaard, I.J. Sørensen* . . . . . 1

**Surfactant Protein D Family: Potential for Diagnosis or Monitoring Therapy in Autoimmune Diseases?**  
*R.I. Fox, C. Fox* . . . . . 5

**Progress in the Evolution of Systemic Sclerosis Classification Criteria and Recommendation for Additional Comparative Specificity Studies**  
*A.T. Masi, T.A. Medsger Jr.* . . . . . 8

**Systemic Sclerosis Classification: A Rose by Any Other Name Would Smell As Sweet?** *J.E. Pope* . . . . . 11

**Arthritis Clinical Trials at a Crossroad**  
*J.E. Pope, J.C. Thorne, B.P. Haraoui, J. Karsh, E.C. Keystone, L. Bennett* . . . . . 14

**Delivering Future Clinical Trials in Rheumatology**  
*J.B. Galloway, D.L. Scott* . . . . . 18

## Reviews

**Serum Soluble Bone Turnover Biomarkers in Psoriatic Arthritis and Psoriatic Spondyloarthropathy**  
*D.R. Jadon, A.L. Nightingale, N.J. McHugh, M.A. Lindsay, E. Korendowych, R. Sengupta* . . . . . 21

**Classification and Diagnosis of Axial Spondyloarthritis — What Is the Clinically Relevant Difference?**  
*J. Braun, X. Baraliakos, U. Kiltz, F. Heldmann, J. Sieper* . . 31

## Articles

**Osteoprotegerin Concentrations Relate Independently to Established Cardiovascular Disease in RA**  
*R. López-Mejías, B. Ubilla, F. Genre, A. Corrales, J.L. Hernández, I. Ferraz-Amaro, et al* . . . . . 39

**Does Socioeconomic Status Affect Outcomes in Early Inflammatory Arthritis? Data from a Canadian Multisite Suspected RA Inception Cohort**  
*G. Yang, V.P. Bykerk, G. Boire, C.A. Hitchon, J.C. Thorne, D. Tin, et al* . . . . . 46

**The Effect of Antiestrogen Agents on Risk of Autoimmune Disorders in Patients with Breast Cancer**  
*J.Y. Chen, S.P. Ballou* . . . . . 55

**Performance of the 2013 ACR/EULAR Classification Criteria for Systemic Sclerosis in Large, Well-defined Cohorts of SSc and Mixed Connective Tissue Disease**  
*A-M. Hoffmann-Vold, R. Gunnarsson, T. Garen, Ø. Midtvedt, Ø. Molberg* . . . . . 60

**Longitudinal Evaluation of PROMIS-29 and FACIT-Dyspnea Short Forms in Systemic Sclerosis**  
*M.E. Hinchcliff, J.L. Beaumont, M.A. Carns, S. Podluskay, K. Thavarajah, J. Varga, et al* . . . . . 64

**Prevalence of TNF- $\alpha$  Blocker Immunogenicity in PsA**  
*M. Zisapel, D. Zisman, N. Madar-Balakirski, U. Arad, H. Padova, H. Matz, et al* . . . . . 73

**Development and Preliminary Validation of the SpA Research Consortium of Canada MRI Sacroiliac Joint Structural Score** *W.P. Maksymowych, S. Wichuk, P. Chiowchanwisawakit, R.G. Lambert, S.J. Pedersen* . . . . 79

**Ultrasonographic Evaluation of the Anterior Chest Wall in SpA: A Prospective and Controlled Study**  
*F. Verhoeven, X. Guillot, M. Godfrin-Valnet, C. Prati, D. Wendling* . . . . . 87

**Understanding Limitations in At-work Productivity in Patients with Active AS: The Role of Work-related Contextual Factors**  
*A. Boonen, C. Boone, A. Albert, H. Mielants* . . . . . 93

**Treatment with TNF Inhibitors in axSpA: Comparison Between Private Rheumatology Practices and Academic Centers in a Large Observational Cohort**  
*A. Ciurea, U. Weber, D. Stekhoven, A. Scherer, G. Tamborrini, J. Bernhard, et al* . . . . . 101

**Radiographic Hip Involvement in Ankylosing Spondylitis: Factors Associated with Severe Hip Diseases**  
*J. Zhao, W. Zheng, C. Zhang, J. Li, D. Liu, W. Xu* . . . . . 106

Contents continued on page xxii

---

**Etiopathogenic Role of Surfactant Protein D in the Clinical and Immunological Expression of Primary Sjögren Syndrome** *M.J. Soto-Cárdenas, M. Gandía, P. Brito-Zerón, M.T. Arias, N. Armiger, A. Bové, et al* . . . . . 111

**Projected Worldwide Disease Burden from Giant Cell Arteritis by 2050**  
*E. De Smit, A.J. Palmer, A.W. Hewitt* . . . . . 119

## **Pediatric Rheumatology**

**Obesity Is Associated with Greater Valgus Knee Alignment in Pubertal Children, and Higher BMI Is Associated with Greater Variability in Knee Alignment in Girls**  
*S. Bout-Tabaku, J. Shults, B.S. Zemel, M.B. Leonard, R.I. Berkowitz, N. Stettler, et al* . . . . . 126

## **Images in Rheumatology**

**Pulmonary Nodular Amyloidosis in Sjögren Syndrome**  
*R. Carbone, C. Cosso, M.A. Cimmino* . . . . . 134

**Hydroxychloroquine-induced Hyperpigmentation of the Skin** *A.H. Sawalha* . . . . . 135

**Spontaneous Bronchopleural Fistula Caused by a Cavitating Rheumatoid Mass**  
*C.F. Healy, J.G. Murray* . . . . . 137

## **Letters**

**Spondyloarthritis in African Blacks**  
*A.B. Maharaj, P.P. Tak* . . . . . 139

**Anti-NMDA Receptor Encephalitis in a Patient with RA**  
*E. Cuende, L. Ruiz* . . . . . 140

## **Correction**

**Intravenous Immunoglobulin Expands Regulatory T Cells in Autoimmune Rheumatic Disease (Letter)**  
*J. Bayry, L. Mouthon, S.V. Kaveri* . . . . . 141

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