In This Issue ................................................................. A15
Clinical Connections .................................................. A17
Special Articles
   Editorial: Arthritis Pain: Moving Between Early- and Late-Stage Disease
       David A. Walsh ..................................................... 1343
   Editorial: Rituximab in the Treatment of Sjögren’s Syndrome: Is It the Right or Wrong Drug?
       Hendrika Bootsma, Frans G. M. Kroese, and Arjan Vissink .............................................. 1346
   Review: Extracellular Vesicles in Joint Inflammation
       Andrew D. Foers, Lesley Cheng, Andrew F. Hill, Ian P. Wicks, and Ken C. Pang .................... 1350
   Review: Interventions for Cartilage Disease: Current State-of-the-Art and Emerging Technologies
       Luiz Felipe Ambra, Laura de Girolamo, Brian Mosier, and Andreas H. Gomoll ...................... 1363
Rheumatoid Arthritis
   Implementation of Treat-to-Target in Rheumatoid Arthritis Through a Learning Collaborative: Results of a Randomized Controlled Trial
       Daniel H. Solomon, Elena Losina, Bing Lu, Agnes Zak, Cassandra Corrigan, Sara B. Lee, Jenifer Agosti, Asaf Bitton, Leslie R. Harrold, Theodore Pincus, Helga Radner, Zhi Yu, Josef S. Smolen, Liana Fraenkel, and Jeffrey N. Katz .................................................. 1374
   Brief Report: Anti–Carbamylated Protein Antibodies in Rheumatoid Arthritis Patients Are Reactive With Specific Epitopes of the Human Fibrinogen β-Chain
       Jonathan D. Jones, B. JoNell Hamilton, and William F. C. Rigby ........................................ 1381
   Antibodies to Cyclic Citrullinated Peptides in Patients With Juvenile Idiopathic Arthritis and Patients With Rheumatoid Arthritis: Shared Expression of the Inherently Autoreactive 9G4 Idiotype
       Hannah Peckham, Geraldine Cambridge, Lauren Bourke, Debajit Sen, Anna Radziszewska, Maria Leandro, and Yiannis Ioannou .......................................................... 1387
Osteoarthritis
   Regional Differences Between Perisynovial and Infrapatellar Adipose Tissue Depots and Their Response to Class II and Class III Obesity in Patients With Osteoarthritis
       Natalia S. Harasymowicz, Nick D. Clement, Asim Azfer, Richard Burnett, Donald M. Salter, and A. Hamish W. R. Simpson ................................................................. 1396
   Effects of Treadmill Exercise on Advanced Osteoarthritis Pain in Rats
       Joshua Allen, Ian Imbert, Joshua Havelin, Terry Henderson, Glenn Stevenson, Lucy Liaw, and Tamara King ................................................................. 1407
   Regulated in Development and DNA Damage Response 1 Deficiency Impairs Autophagy and Mitochondrial Biogenesis in Articular Cartilage and Increases the Severity of Experimental Osteoarthritis
       Oscar Alvarez-Garcia, Tokio Matsuzaki, Merissa Olmer, Lars Plate, Jeffery W. Kelly, and Martin K. Lotz ................................................................. 1418
   Chemogenetic Inhibition of Pain Neurons in a Mouse Model of Osteoarthritis
       Rachel E. Miller, Shingo Ishihara, Bala Bhattacharyya, Ada Delaney, Daniela M. Menichella, Richard J. Miller, and Anne-Marie Malfait ................................................................. 1429
Sjögren’s Syndrome
   Randomized Controlled Trial of Rituximab and Cost-Effectiveness Analysis in Treating Fatigue and Oral Dryness in Primary Sjögren’s Syndrome
Systemic Sclerosis

Mycophenolate Mofetil Versus Placebo for Systemic Sclerosis–Related Interstitial Lung Disease: An Analysis of Scleroderma Lung Studies I and II

Elizabeth R. Volkmann, Donald P. Tashkin, Ning Li, Michael D. Roth, Dinesh Khanna, Anna-Maria Hoffmann-Vold, Grace Kim, Jonathan Goldin, Philip J. Clements, Daniel E. Furst, and Robert M. Elashoff

Clinical Images

Clinical Images: Black Esophagus in Antiphospholipid Syndrome

Amrita Padda, Amar Mandalia, and Amr H. Sawalha

Gout

Population-Specific Resequencing Associates the ATP-Binding Cassette Subfamily C Member 4 Gene With Gout in New Zealand Maori and Pacific Men


Pediatric Rheumatology

Early Outcomes in Children With Antineutrophil Cytoplasmic Antibody–Associated Vasculitis

Kimberly A. Morishita, Lakshmi N. Moorthy, Joanna M. Lubieniecka, Marinka Twilt, Rae S. M. Yeung, Mary B. Toth, Susan Shenoi, Goran Ristic, Susan M. Nielsen, Raashid A. Lugmani, Suzanne C. Li, Tzilan Lee, Erica F. Lawson, Mikhail M. Kostik, Marisa Klein-Gitelman, Adam M. Huber, Aimee O. Hersh, Dirk Foell, Melissa E. Elder, Barbara A. Eberhard, Paul Dancey, Sirarat Charuvanich, Susanne M. Benseler, and David A. Cabral, for the ARChiVe Investigators Network within the PedVas Initiative

Proinflammatory Cytokine Environments Can Drive Interleukin-17 Overexpression by γ/δ T Cells in Systemic Juvenile Idiopathic Arthritis

Christoph Kessel, Katrin Lippitz, Toni Weinhuge, Claas Hinze, Helmut Wittkowski, Dirk Holzinger, Nadate Fall, Alexei A. Grom, Niklas Gruen, and Dirk Foell

Autoimmune Disease

Brief Report: Blockade of TANK-Binding Kinase 1/IKKe Inhibits Mutant Stimulator of Interferon Genes (STING)–Mediated Inflammatory Responses in Human Peripheral Blood Mononuclear Cells

Marie-Louise Frémont, Carolina Uggenti, Lien Van Eyck, Isabelle Melki, Vincent Bondet, Naoki Kitabayashi, Christina Hertel, Adrian Hayday, Bénédicte Neven, Yoann Rose, Darragh Duffy, Yanick J. Crow, and Mathieu P. Rodero

Concise Communication

American College of Rheumatology Criteria for Systemic Lupus Erythematosus Exclude Half of All Systemic Lupus Erythematosus Patients

Linjia Jia, Alana B. Levine, and Michael D. Lockshin

Letters

Abatacept as Adjunctive Therapy for the Treatment of Giant Cell Arteritis: Comment on the Article by Langford et al

Hubert de Boysson and Achille Aouba

Personalized Biologic Therapy for Large Vessel Vasculitis: Comment on the Articles by Langford et al

Sergey Moiseev, Pavel Novikov, and Ilya Smitienko

Reply

Carol A. Langford, Jeffrey P. Kruscher, and Peter A. Merkel, on behalf of the Vasculitis Clinical Research Consortium

Rituximab and Fcγ Receptors in Granulomatosis With Polyangiitis (Wegener’s): Comment on the Article by Cartin-Ceba et al

Wolfgang Merkt, Hanns-Martin Lorenz, and Carsten Watzl

Reply

Brad H. Rovin, Dan Birmingham, Rodrigo Cartin-Ceba, Ulrich Specks, and John H. Stone

Clinical Images

Clinical Images: Gouty Tophus as an Unusual Cause of Talus Fracture

Steven Thomson, Stefan Urbanski, and Paul MacMullan

Cover image: The figure on the cover (from Ambra et al., page 1366) shows hyaline cartilage from juvenile donors that was morselized into ~1-mm cubes for use in a procedure called particulated juvenile allograft cartilage. Use of this technique to repair articular cartilage defects has shown promising results at short-term follow-up.