

2011 ACR AND ARHP ABSTRACT CATEGORIES

ACR CATEGORIES

1. **Cytokines, Mediators, and Gene Regulation:** cytokines, chemokines, and their receptors; downstream signaling effects and biologic pathways
2. **Cell-cell Adhesion, Cell Trafficking and Angiogenesis:** cell-cell recognition and adhesion molecules, cell-matrix interactions, matrix characteristics and properties, and lymphoid organogenesis
3. **Innate Immunity and Rheumatic Disease:** dendritic cells, antigen presentation, phagocytes, pattern recognition receptors and their ligands, NK cells, complement, and Fc receptors
4. **B-cell Biology and Targets in Autoimmune Disease:** B-lymphocyte differentiation, B-cell subsets, plasma cells, autoantigens, autoreactive B-cells, and tissue injury
5. **T-cell Biology and Targets in Autoimmune Disease:** T-lymphocyte antigens and subpopulations, cognate interactions, T-lymphocyte activation and proliferation
6. **Biology and Pathology of Bone and Joint:** joint biology and biochemistry, cartilage and chondrocyte biology, basic studies of osteoarthritis, bone structure and function, bone mineral and matrix, osteoblasts and osteoclasts
7. **Osteoarthritis - Clinical Aspects:** patient-oriented studies of osteoarthritis, including treatment, diagnosis, outcomes
8. **Osteoporosis and Metabolic Bone Disease: Clinical Aspects and Pathogenesis:** patient-oriented studies of bone structure and integrity and its change in various disease states
9. **Fibromyalgia and Soft Tissue Disorders:** regional pain syndromes, local diseases of muscle, ligament and tendon, fibromyalgia, miscellaneous rheumatic syndromes
10. **Orthopedics, Low Back Pain, and Rehabilitation:** orthopedic conditions and interventions, physical medicine techniques and outcomes, sports medicine
11. **Pediatric Rheumatology - Clinical and Therapeutic Aspects:** clinical aspects and treatment of inflammatory and non-inflammatory pediatric conditions
12. **Pediatric Rheumatology - Pathogenesis and Genetics:** pathological, genetic, and other laboratory-based aspects of pediatric rheumatology conditions
13. **Infection-related Rheumatic Disease:** musculoskeletal manifestations of infectious disease, reactive arthritis, infectious arthritis, and molecular pathogenesis
14. **Metabolic and Crystal Arthropathies:** crystal-induced arthritis, metabolic conditions including endocrine abnormalities

15. **Muscle Biology, Myositis and Myopathies:** muscle biology, inflammatory and non-inflammatory muscle disease

16. **Imaging of Rheumatic Diseases:** radiology, nuclear medicine, MRI, ultrasound, thermography

17. **RA - Clinical Aspects:** clinical aspects of rheumatoid arthritis

18. **RA Treatment - Small Molecules, Biologics and Gene Therapy:** treatment of human rheumatoid arthritis including DMARDs, NSAIDs, glucocorticoids, new potential small molecules, biologics and gene therapy approaches. Human use only

19. **RA - Human Etiology and Pathogenesis:** genetics, susceptibility loci, etiology and pathogenesis of human rheumatoid arthritis

20. **RA - Animal Models:** animal models of inflammatory synovitis, mechanisms and treatment

21. **Systemic Sclerosis, Fibrosing Syndromes, and Raynaud's – Clinical Aspects and Therapeutics:** clinical aspects of these syndromes and of treatments

22. **Systemic Sclerosis, Fibrosing Syndromes and Raynaud's – Pathogenesis, Animal Models and Genetics:** cellular and molecular mechanisms, biomarkers

23. **Sjögren's Syndrome:** pathophysiology, presentation and treatment of Sjögren's syndrome

24. **Antiphospholipid Syndrome:** the pathophysiology, presentation and management of the antiphospholipid syndrome

25. **SLE - Clinical Aspects and Treatment:** diagnosis, clinical manifestations, outcomes, and treatment, including new small molecules, biologics and gene therapy. Human lupus only

26. **SLE - Human Etiology and Pathogenesis:** genetics, susceptibility loci, etiology and pathogenesis of human SLE

27. **SLE - Animal Models:** animal models, mechanisms and treatment

28. **Spondylarthropathies and Psoriatic Arthritis - Clinical Aspects and Treatment:** small molecule and biologic therapies of spondylarthropathies and psoriatic arthritis

29. **Spondylarthropathies and Psoriatic Arthritis - Pathogenesis, Etiology:** etiology and pathogenesis of spondylarthropathies, including genetics and susceptibility loci

30. **Vasculitis:** genetics, etiology, pathogenesis, presentation and management of local and systemic vasculitis

31. **Epidemiology and Health Services Research:** descriptive and/or analytical studies of populations as well as economic analysis; decision making; quality of care and quality of life assessment

32. **Quality Measures and Innovations in Practice Management and Care Delivery:** quality measures and changes in practice management or delivery of health care affecting patients with arthritis, rheumatic or musculoskeletal disorders

33. **Genetics, Genomics and Proteomics:** techniques, strategies and observations related to disease susceptibility and expression; genetic disorders with rheumatic manifestations not included in other categories

34. **Education:** techniques, strategies and observations related to disease susceptibility and expression

35. **Miscellaneous Rheumatic and Inflammatory Diseases:** rheumatic manifestations and therapy of less common and even rare illnesses that are not included in other categories (e.g., RS3PE, reticulohistiocytosis, SAPHO)

ARHP CATEGORIES

To better meet the needs of the attendees, the ARHP categories have been modified this year to accept research abstracts only.

36. **Clinical Practice/Patient Care:** care of patients, practice management, medication monitoring/adherence and behavioral aspects of care. Research presentations share scientific findings, controlled studies and other analysis of rheumatology related data.

37. **Education/Community Programs:** patient education, professional education, community-based programs and public health programs. Research presentations share scientific findings, controlled studies and other analysis of rheumatology related data.

38. **Epidemiology and Public Health:** descriptive and analytical studies of health status and health outcomes of populations and patient groups. Research presentations share scientific findings, controlled studies and other analysis of rheumatology related data.

39. **Health Services Research:** health care systems and delivery economic evaluations and analysis. Research presentations share scientific findings, controlled studies and other analysis of rheumatology related data.

40. **Pediatrics:** pediatric practice and patient care. Research presentations share scientific findings, controlled studies and other analysis of rheumatology related data.

41. **Psychology/Social Sciences:** psychology, social work, social and behavioral factors affecting patients, families and providers. Research presentations share scientific findings, controlled studies and other analysis of rheumatology related data.

42. **Rehabilitation Sciences:** physical therapy, occupational therapy, exercise programs and other rehabilitation services. Research presentations share scientific findings, controlled studies and other analysis of rheumatology related data.

43. **Research Methodology:** questionnaire design, new assessment tools and methodology, new analytical techniques, and subject recruitment and retention. Research presentations share scientific findings, controlled studies and other analysis of rheumatology related data.