



AMPC Topics of Interest for ACR Convergence 2027

The following topics were identified through the Annual Meeting Planning Committee (AMPC) needs assessment process and reflect attendee feedback, educational outcomes data, identified knowledge and practice gaps, and emerging issues across rheumatology. Session suggestions addressing these areas are encouraged. Session suggestions on other topics are also welcome and will be considered during program development.

Advances in Rheumatic Disease Management

Session suggestions related to current evidence-based approaches to diagnosis, treatment, monitoring, and management of rheumatic diseases are encouraged.

Examples of session suggestions include:

- Rheumatoid arthritis updates
 - Lupus updates
 - Inflammatory myopathies updates
 - Sjogren's disease updates
 - Vasculitis management
 - Scleroderma
 - Osteoarthritis and related conditions
 - Crystal-associated arthropathies
 - Challenging clinical cases
 - Guideline implementation
 - Juvenile idiopathic arthritis
 - Pediatric lupus
 - Juvenile inflammatory myopathies
 - High-yield updates in lupus, rheumatoid arthritis, vasculitis, and spondyloarthritis
 - Quality improvement in rheumatology care
 - Quality improvement initiatives in pediatric rheumatology
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Emerging Therapies and Therapeutic Innovation

Session suggestions focused on novel therapeutic approaches, drug development, and emerging treatment strategies are encouraged.



Examples of session suggestions include:

- CAR T-cell therapy
 - Cellular therapies
 - Bispecific T-cell engagers
 - Novel biologics
 - Emerging molecular targets
 - Drug development
 - Translational therapeutics
 - Future treatment pipelines
 - Pediatric drug development
 - Pediatric therapeutic trials
 - Biomaterials
 - Novel therapeutic design
 - TYK2 inhibitors
 - Anti-FcRn therapies
 - T-cell engagers and bispecific antibodies
 - Phenotype-guided prescribing
 - Emerging IL-17 and IL-23 targeted therapies
 - JAK inhibitor safety
 - Pharmacovigilance of emerging therapies
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Precision Medicine, Biomarkers, and Genetics

Session suggestions exploring biomarkers, genetics, genomics, and individualized treatment strategies that support precision medicine in rheumatology are encouraged.

Examples of session suggestions include:

- Biomarkers in clinical practice
- Precision medicine in lupus
- Applied genetics
- Genomics in rheumatology
- Biomarker-guided therapy selection
- Multi-omics approaches
- Precision medicine case studies
- Precision medicine in pediatric rheumatology
- Genetics of autoimmunity
- Precision medicine
- Functional genomics



- Mechanisms of autoimmune susceptibility
 - Multi-omics discovery
 - Translational genetics
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Diagnostic Excellence and Disease Recognition

Session suggestions designed to improve recognition, diagnosis, and differential diagnosis of rheumatic and related diseases, including uncommon and emerging conditions, are encouraged.

Examples of session suggestions include:

- Diagnostic dilemmas
 - Disease mimics
 - VEXAS syndrome
 - ADA2 deficiency
 - Periodic fever syndromes
 - Rare connective tissue diseases
 - Interactive differential diagnosis workshops
 - Missed diagnosis case reviews
 - Mimics of pediatric rheumatic disease
 - Diagnostic pitfalls identified through ABIM knowledge gap analyses
 - Recognizing uncommon presentations of common rheumatic diseases
 - IgG4-related disease
 - Early rheumatoid arthritis recognition
 - Gout diagnosis and testing
 - Reducing diagnostic delay in axial spondyloarthritis
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Comorbidities, Organ Involvement, and Complex Disease

Session suggestions focused on multisystem manifestations, disease complications, and comorbidities that impact patient outcomes are encouraged.

Examples of session suggestions include:

- Interstitial lung disease
- Pulmonary hypertension
- Cardiac manifestations of systemic rheumatic diseases
- CV comorbidity
- ASCVD comorbidity



- Glucocorticoid-induced osteoporosis (GIOP)
 - Metabolic bone diseases
 - Cancer screening
 - Immune checkpoint inhibitor-associated disease
 - Pain mechanisms
 - Complex patient management
 - Multimorbidity management
 - Cytokine storm syndromes in children
 - Pediatric systemic vasculitis
 - Pediatric periodic fever syndromes
 - Frailty
 - Autonomic nervous system dysfunction across autoimmune diseases
 - Drug safety monitoring
 - Pre-biologic screening
 - Infection prevention in immunosuppressed patients
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Interprofessional and Team-Based Care

Session suggestions highlighting collaborative models of care and interdisciplinary approaches to improving patient outcomes are encouraged.

Examples of session suggestions include:

- Collaborative care models
- APP integration
- Pharmacist-led interventions
- Nursing innovations
- PT and OT integration
- Social work partnerships
- Team communication strategies
- Scope-of-practice optimization
- Multidisciplinary clinics
- Team-based symptom management
- Interprofessional rehabilitation models
- Disease-specific physician-health professional sessions
- Collaborative symptom management
- Integrated care delivery models
- Health professional research
- Pediatric-to-adult transitional care



Patient-Centered Care, Self-Management, and Behavioral Health

Session suggestions focused on communication, behavioral health, self-management, and patient engagement strategies are encouraged.

Examples of session suggestions include:

- Mental health in rheumatic disease
- Shared decision-making
- Treatment adherence
- Motivational interviewing
- Self-management interventions
- Self-efficacy strategies
- Coping with chronic disease
- Peer support programs
- Community education models
- Incorporating patient voices
- Physical function and rehabilitation
- Fatigue management
- Cognitive dysfunction in rheumatic disease
- Patient-reported outcomes
- Community programs
- Patient researcher-clinician partnerships
- Co-production of care models
- Parent perspectives in pediatric rheumatology
- Supporting parents of children with rheumatic disease
- Transition from pediatric to adult rheumatology
- Health literacy in transition planning
- Shared responsibility models for adolescents and families
- Self-management and self-efficacy during healthcare transitions
- Education and vocational planning for youth with rheumatic disease
- Peer support during transition

Lifestyle Medicine, Prevention, and Wellness

Session suggestions related to prevention, nutrition, exercise, healthy aging, and wellness interventions are encouraged.



Examples of session suggestions include:

- Nutrition and rheumatic disease
 - Exercise interventions
 - Physical activity prescription
 - GLP-1 therapies
 - Weight management
 - Healthy aging
 - Aging with rheumatic disease
 - Contraception in rheumatic disease
 - Fertility considerations in rheumatology
 - Pregnancy outcomes and rheumatic disease therapies
 - Preventive care
 - Wellness strategies
 - Environmental effects on health
 - Vaccine schedules in rheumatology patients
 - Vaccine management in immunosuppressed patients
 - Pediatric growth and development in rheumatic disease
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Health Equity, Access, and Inclusive Care

Session suggestions addressing equitable healthcare, access to care, and strategies to improve outcomes across diverse populations are encouraged.

Examples of session suggestions include:

- Health equity initiatives
 - Rural rheumatology care
 - Underserved populations
 - Social determinants of health
 - LGBTQIA+ health
 - Diversity and inclusion
 - Access-to-care challenges
 - Representation in rheumatology
 - Inclusive care models
 - Equity-focused quality improvement
 - Transition of care best practices
 - Treat-to-target implementation across diverse populations
 - Advocacy in rheumatology
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Technology, Artificial Intelligence, and Digital Innovation

Session suggestions exploring the application of artificial intelligence, digital health tools, and emerging technologies in rheumatology are encouraged.

Examples of session suggestions include:

- AI in clinical practice
- AI for patient education
- Generative AI
- AI-assisted clinical decision support
- AI ethics and bias
- Machine learning applications
- AI for medical education
- AI in rheumatology research
- AI triage tools
- Digital health technologies
- Social media and misinformation
- AI for administrative efficiency
- AI in fellowship training
- Prompt engineering for clinicians
- Predictive analytics
- AI and quality improvement
- Evaluating AI-generated evidence
- Assistive technologies in rheumatology
- Critical appraisal of AI tools
- AI bias and medicolegal considerations
- AI for clinical documentation
- Digital biomarkers and wearable technologies
- Remote monitoring and flare prediction

Workforce Development, Career Advancement, and Professional Growth

Session suggestions focused on mentorship, leadership, recruitment, retention, workforce sustainability, and professional development are encouraged.

Examples of session suggestions include:

- Workforce sustainability
- Recruitment and retention



- Addressing burnout
 - Mentorship and sponsorship
 - Career pathways
 - Leadership development
 - Career transitions
 - Junior faculty development
 - Women in leadership
 - Lifelong learning
 - Health professional leadership
 - Rheumatology health professional career development
 - Interprofessional education models
 - Pediatric workforce development
 - Transition to alternative training models
 - Pediatric training challenges and opportunities
 - Grant writing and funding strategies
 - Career development for clinician-scientists
 - Work-life integration in academic medicine
 - Building sustainable research careers
 - Geographic diversity in research opportunities
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Education, Teaching Innovation, and Assessment

Session suggestions addressing educational innovation, curriculum design, assessment strategies, and faculty development are encouraged.

Examples of session suggestions include:

- Teaching pearls
- Curriculum design
- Educational innovation
- AI in medical education
- Assessment best practices
- EPAs and OPAs
- Faculty development
- Professional identity formation
- Patient safety education
- Residency-to-fellowship transition
- Individualized learning plans
- Educational scholarship



- Competency-based assessment and advancement
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Basic Science, Clinical Research, and Translational Discovery

Session suggestions highlighting scientific discovery, translational research, disease mechanisms, and research methodology are encouraged.

Examples of session suggestions include:

- Innate immunity in rheumatic disease
 - Adaptive immune regulation
 - Tissue-resident immune cells
 - Stromal biology
 - Vascular biology
 - Fibrosis mechanisms
 - Bone biology
 - Cartilage biology
 - Microbiome science
 - Environmental exposures and autoimmunity
 - Mechanisms of pain
 - Childhood disease biology
 - Translational immunology
 - Outcomes research
 - Implementation science
 - Biomaterials and therapeutic design
 - Bench-to-bedside discoveries
 - Pediatric translational research
 - Pediatric outcomes research
 - Funding pediatric rheumatology research
 - Fundamental research on diseases of childhood and adolescence
 - Developmental immunology
 - Childhood rheumatic disease biology
 - Clinical research methodology
 - Biostatistics and study design
 - Comparative effectiveness research
 - Health services research in rheumatology
 - Applying health services research to improve patient outcomes
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Business of Rheumatology and Practice Management



Session suggestions focused on operational, financial, policy, reimbursement, and leadership aspects of rheumatology practice are encouraged.

Examples of session suggestions include:

- Insurance updates
- Workforce management and team-based care models
- Practice efficiency
- Legal and policy updates
- Financial management and performance metrics
- Revenue cycle optimization and coding strategies
- Payer contracting, reimbursement, and contract negotiation
- Medicare, value-based care, and quality programs
- Infusion services, specialty pharmacy, and biologic economics
- Prior authorization, audits, and regulatory compliance
- AI, technology, and practice innovation
- Patient access, scheduling, and operational efficiency
- Workforce management and team optimization
- Administrative burden reduction and workflow redesign
- Physician well-being, burnout prevention, and career sustainability
- Practice growth and ancillary service development
- Private practice, employment models, consolidation, and succession planning
- Leadership, negotiation, and strategic planning
- Cybersecurity, risk management, and HIPAA compliance
- Advocacy and health policy updates

Global Rheumatology and International Collaboration

Session suggestions exploring international perspectives, healthcare delivery models, global research, and cross-border collaboration are encouraged.

Examples of session suggestions include:

- Global practice models
- International guideline implementation
- EULAR versus ACR approaches
- Global access to therapies
- International workforce challenges
- International clinical trials
- International collaborations