



Schedule is subject to change

Wednesday, March 29

6:15-7:15 PM	Opening Reception	Storyville Hall
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Thursday, March 30

7:00-8:00 AM	Continental Breakfast		Storyville Hall
8:00-8:15 AM	Welcome and Opening Remarks	Bryce Binstadt, MD, PhD University of Minnesota	
8:15-9:00 AM	Opening Session-Keynote	Stacy Ardoin, MD, MPH Nationwide Children's Hospital	Celestin D-E

OPENING SESSION-THE BIG PICTURE			
9:00-9:30 AM	Collaborative/Translational Research	Eve Smith, MD, PhD University of Liverpool	
9:30-10:00 AM	Single Cell Omics	Deepak Rao, MD, PhD Brigham and Women's Hospital	Celestin D-E
10:00-10:15 AM	Break		Celestin Foyer

CARDIOVASCULAR EFFECTS IN PEDIATRIC RHEUMATIC DISEASES SESSION			
10:15-10:45 AM	Listening for The Silent Killer: Assessment of Subclinical Cardiovascular Disease in Children with Lupus in Practice and Research	Joyce Chang, MD, MSCE Boston Children's Hospital	
10:45-11:15 AM	Biomarkers for CV Disease Risk Stratification in Children and Adolescents with Lupus	Coziana Ciurtin, FRCP, MD, MSc, PhD University College London	Celestin D-E
11:15–11:45 AM	Heart on Fire: Immunobiology of Cardiovascular Inflammation in Rheumatic Disease	Mark Gorelik, MD Columbia University School of Medicine	
12:00 1:00 DM	Lunch (box lunch included)		Storyville Hall
12:00-1:00 PM	Roundtable Topic Discussions		Celestin G-H
12:00–1:00 PM	American Board of Pediatrics Maintenance of Certification Session (Optional)	Keith J. Mann, MD, MEd American Board of Pediatrics	Celestin D-E



All times listed in Central Daylight Time (CDT)

HEALTH DISPARITIES IN PEDIATRIC RHEUMATOLOGY AND STRATEGIES TO MITIGATE THEIR EFFECTS			
1:00-1:30 PM	Update on Disparities in Pediatric Rheumatology	Jennifer Woo, MPH, PhD National Institute of Environmental Health Sciences (NIEHS)	
1:30-2:00 PM	Suggestions to Mitigate Disparities in Clinical Care	Alisha Akinsete, MD (Virtual) Hospital for Special Surgery	Celestin D-E
2:00-2:30 PM	Q&A Panel Discussion	Jennifer Woo, MPH, PhD Alisha Akinsete, MD (Virtual)	
	Plenary Abstracts Session I		
	#001 Serious Infections Among Children with Systemic Lupus Erythematosus in the Pediatric Health Information System	Jordan Roberts, MD, MPH Seattle Children's Hospital	
2:30-3:30 PM	#002 Re-analysis of the APPLE [Atherosclerosis Prevention in Paediatric Lupus Erythematosus] Trial Identifies Novel Determinants of Patient Heterogeneity and a Distinct Lipid Metabolomic Signature of Atherosclerosis Progression	Coziana Ciurtin University College London	Celestin D-E
	#003 Inflammation or Infection? Understanding Linguistic and Cultural Nuances Impacting the Care of Somali Children with Juvenile Idiopathic Arthritis	Emily Hause, MD MPH University of Minnesota	
	#004 Analysis of Patients with Juvenile Dermatomyositis Compared to Healthy Controls Using CITE-seq Identifies Differences in Cell Composition and Gene and Epitope Expression	Camilla Wibrand University of California San Francisco	
3:30-4:00 PM	Break		Celestin Foyer



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SYSTEMIC LUI	PUS ERYTHEMATOSUS SESSION		
4:00-4:20 PM	Contemporary Best Practices for Childhood-Onset Lupus	Emily Smitherman, MD, MS University of Alabama at Birmingham	
4:20-4:40 PM	Genetics in Childhood-Onset Lupus: Monogenic Diseases, Polygenic Models, Risk-Alleles and the Integration of Omics Data	Sarah Baxter, MD, PhD Seattle Children's Hospital and University of Wash- ington	Celestin D-E
4:40-5:00 PM	Non-Coding Casual Variants in Systemic Lupus Erythematosus	Peter Nigrovic, MD Boston Children's Hospital	
	Oral Abstract Poster Breakout 1: Lupus: Genetics, Epigenetics, & Social I	Determinants	
5:10–5:40 PM (concurrent abstract sessions)	#011 The Impact of Social Inequities on Presentation of Childhood-Onset Systemic Lupus Erythematosus (cSLE) at a Large Tertiary Center	Emily F. Beil, MD Baylor College of Med- icine, Texas Children's Hospital	
	#012 Thrombotic Microangiopathic Changes in Kidney Biopsies of Childhood-Onset Systemic Lupus Erythematous Patients with and Without Severe Hematologic Disturbances	Cathy Tsin, MD Stanford University	
	#013 Applying Pathway Analysis to Whole Genome Data to Identify Pathophysiologic Pathways in Childhood-onset Systemic Lupus Erythematosus	Laura Lewandowski, MD NIH	Celestin D-E
	#014 Characterizing Lupus in African American Children in Southern United States	Anita Dhanrajani University of Mississipi Medical Center	
	#015 Epigenetically-Distinct B Cell Profiles Pre- and Post-Induction Therapy in Pediatric Lupus	Joyce Hui-Yuen, MD, MS Cohen Children's Medical Center, Northwell Health	





	Oral Abstract Poster Breakout 2: Juvenile Idiopathic Arthritis & Uveitis: Genetics, Clinical & Therapeutic Aspects		
5:10–5:40 PM (concurrent abstract sessions)	#016 Gene Expression Changes in Polyarticular Juvenile Idiopathic Arthritis Following Tofacitinib Treatment	Esraa Eloseily, MD Cincinnati Children's Hospital Medical Center	
	#017 Potential Uveitic Biomarkers in Tears of Children with Juvenile Idiopathic Arthritis: A Pilot Study	llaria Maccora, MD Cincinnati Children's Hospital	Celestin A
	#018 Using the Electronic Health Record to Identify Subjects with Rheumatic Disease	Alysha Taxter, MD; MS Nationwide Children's Hospital	
	#019 Developing Standard Improvement Curves for Disease Activity, Pain and Quality of Life in Children with Newly Diagnosed Juvenile Idiopathic Arthritis: Results from the CAPRI Registry	Amieleena Chhabra, MD University of British Columbia	
	#020 Generation of Human Resident Memory T Cells in 3D Synovial Organoid Model	Margaret H. Chang, MD; PhD Boston Children's Hospital	





	Oral Abstract Poster Breakout 3: Pediatric Rheumatology Potpourri		
5:10–5:40 PM (concurrent abstract sessions)	#021 Distinguishing Childhood Sjogren's Disease in Patients Pre- senting with Recurrent Sialadenitis in a Multidisciplinary Clinic	Sara M. Stern, MD University of Utah Department of Pediatrics	
	#022 Narrative Medicine and Pediatric Rheumatology: Addressing Burnout and Bias	Aviya Lanis Seattle Children's Hospital	Celestin F
	#023 Effect of Type 1 Interferons and JAK Inhibitors on Gene Expression in Bioengineered Pediatric Skeletal Muscle	Lauren Covert, MD Duke University	
	#024 Effects of Corticosteroids on Central Nervous System Microvascular Properties Assessed by Neuroimaging	Hermine I. Brunner, MD; MSc; MBA Cincinnati Children's Hospital Medical Center	
	#025 Patient- and Center-level Risk Factors for Research Lost to Follow-up Using the Childhood Arthritis and Rheumatology Research Alliance (CARRA) Registry	Emily A. Smitherman, MD; MS University of Alabama at Birmingham	
6:00-7:00 PM	Abstract Poster Session (Abstracts #41 – #89)	Poster Presenters	Storyville Hall



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Friday, March 31

7:00-8:00 AM	Continental Breakfast	Storyville Hall
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JUVENILE IDIOPATHIC ARTHRITIS SESSION			
8:00-8:30 AM	Management of Refractory Juvenile Idiopathic Arthritis	Melissa Mannion, MD University of Alabama at Birmingham	- Celestin D-E
8:30-9:00 AM	Treatment Withdrawal in Juvenile Idiopathic Arthritis	Joost Swart, MD, PhD Wilhelmina Children's Hospital / UMC Utrecht	
9:00-9:30 AM	Management of Uveitis: Refractory Disease and Treatment Withdrawal	Ashley Cooper, MD Children's Mercy Kansas City	
9:30-10:00 AM	Roundtable/Panel Discussion	Melissa Mannion, MD Joost Swart, MD, PhD Ashley Cooper, MD	
10:00-10:30 AM	Break		Celestin Foyer

JUVENILE DERMATOMYOSITIS AND SCLERODERMA SESSION			
10:30-11:00 AM	Clinical Updates in Juvenile Dermatomyositis Related Calcinosis	Dawn Wahezi, MD, MS, RhMSUS Children's Hospital at Montefiore	- Celestin D-E
11:00-11:30 AM	Immune Dysregulation in Juvenile Dermatomyositis	Jessica Neely, MD University of California, San Francisco	
11:30 AM-12:00 PM	An Update On Autoantibodies in Juvenile Myositis	Lisa Rider, MD National Institute of Environmental Health Sciences (NIEHS), National Institutes of Health (NIH)	
12:00-12:30 PM	Scleroderma – Single Cell Omics	Kathyrn Torok, MD University of Pittsburgh	
12:30-1:30 PM	Lunch (box lunch included)		Storyville Hall
	Roundtable Topic Discussions		Celestin G-H





TRANSITIONAL AND REPRODUCTIVE CARE CONCURRENT SESSION			
1:30-2:00 PM	Defining & Implementing High-Quality Transitional Care in Pediatric Rheumatology	Patience White, MD Got Transition	Calcatia D. F.
2:00-2:30 PM	Reproductive Health in Rheumatic Diseases: What a Pediatric Rheumatologist Needs to Know	Bonnie Bermas, MD UT Southwestern Medical Center	Celestin D-E

CLINICAL MAN	CLINICAL MANAGEMENT/TREAT TO TARGET CONCURRENT SESSION			
1:30-2:00 PM	Can US Guide Treat to Target?	Johannes Roth, FRCPC, MD, PhD, RhMSUS University of Ottawa	Celestin A	
2:00-2:30 PM	Treat to Target	Eve Smith, MD, PhD University of Liverpool		
	Plenary Abstracts Session II			
2:30-3:00 PM	#005 Real-World Application of the Pediatric Gluccorticoid Toxicity Index in Children with Lupus Nephritis: A Feasibility and Initial Validation Study	Emily Zhang Boston Children's Hospital	Celestin D-E	
m P	#006 Implementation of Automated Depression Screening in Patients with Lupus in a Teritiary Pediatric Rheumatology Clinic	Lauren Harper, MD Nationwide Children's Hospital		
3:00-3:15 PM	Break		Celestin Foyer	





VASCULITIS CONCURRENT SESSION			
3:15-3:35 PM	cPACNS: Quality of Life and Cognitive Outcomes in Childhood Cerebral Vasculitis	Susa Benseler, FRCPC, MD, PhD University of Calgary, Canada	
3:35-3:55 PM	Treatment Update for the Vasculitis Missed Most: Takayasu Arteritis	Seza Ozen, MD, MSc Hacettepe University	Celestin D-E
3:55-4:15 PM	Advanced Imaging in Takayasu Arteritis	Kaitlin Quinn, MD, MHS National Institute of Arthritis and Musculoskel- etal and Skin Diseases (NIAMS), National Insti- tutes of Health (NIH)	

MENTAL HEAL	MENTAL HEALTH IN PEDIATRIC RHEUMATOLOGY CONCURRENT SESSION				
3:15-3:35 PM	Psychoneuroimmunology Concepts and Stress/Mental Health in Pediatric Rheumatology	Ryan Brown, MD University of California, San Francisco			
3:35-3:55 PM	Resilience in Pediatric Rheumatology	Sabrina Gmuca, MD, MSc Children's Hospital of Philadelphia	Celestin G-H		
3:55-4:15 PM	Panel Discussion	Ryan Brown, PhD Sabrina Gmuca, MD, MSc			



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	Oral Abstract Poster Breakout 4: Juvenile Dermatomyositis & Scleroderma: Clinical & Therapeutic Aspects			
	#026 Performance of the UCLA Scleroderma Clinical Trials Consortium Gastrointestinal Tract 2.0 Instrument in a Juvenile Systemic Sclerosis Cohort	Sophie Stefancic University of Pittsburgh		
4:30-5:00 PM	#027 Identifying and Understanding JDM in Africa: A Survey of Rheumatology Care Providers from Africa	Jessica Perfetto, MD Children's Hospital at Montefiore		
(Concurrent abstract sessions)	#028 Achieving Medication-Free Remission in Juvenile Dermatomyositis	Sheila T. Angeles-Han, MD; MSc Cincinnati Children's Hospital	Celestin D-E	
	#029 Cardiac Magnetic Resonance Imaging in Children with Systemic Lupus Erythematosus and Scleroderma Spectrum Disorders: A Single Center Experience	Meredith Rae, MD Baylor College of Medicine		
	#030 International Validation of the Total Morbidity Score for Juvenile Localized Scleroderma: 2023 Update	Kevah Ardalan, MD <i>Duke University</i>		



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	Oral Abstract Poster Breakout 5: Autoinflammatory/Vasculitis: STAT3, N		
4:30-5:00 PM (Concurrent abstract sessions)	#031 Multisystem Inflammatory Syndrome in Children Phenotypes Vary Between SARS-CoV-2 Variants	Greta Mastrangelo <i>University of Toronto</i>	
	#032 From Bedside to Bench and Back: Discovery of a Novel Missense Variant in NLRP3 Causing Atypical Cryopyrin-Associated Periodic Syndromes with Hearing Loss as the Primary Presentation, Responsive to Anti-IL1 Therapy	Merav Birk-Bachar Schneider Children's Medical Center of Israel	Celestin A
	#033 Kawasaki Disease (KD) Criteria Fulfillment and Associated Outcomes in Multisystem Inflammatory Syndrome in Children (MIS-C)	Lyndsey Cole, MD University of Colorado School of Medicine	
	#034 STAT3 Gain-of-function Syndrome Mutations Are S usceptible to JAK Inhibition Despite a Spectrum of Potency	Herda Ona <i>Baylor College of Medicine</i>	
	#035 SARS-CoV-2 Vaccination of Children with a History of Multisystem Inflammatory Syndrome	Mariana Sanchez Villa, MS Baylor College of Medicine	





	Oral Abstract Poster Breakout 6: Systemic Juvenile Idiopathic Arthritis: Genomics, Transcriptomics & Disease States		
4:30–5:00 PM (Concurrent abstract sessions)	#036 Predictive Factors of Long-lasting Remission Following Anakinra Withdrawal in Patients with Systemic Juvenile Idiopathic Arthritis After Achievement of Clinical Inactive Disease	Claudia Bracaglia, MD IRCCS Ospedale Pediatrico Bambino Gesù	
	#037 Transcriptional Analysis of CD14+ Monocytes During Macrophage Activation Syndrome Highlights Role for Interferons and RNA Sensing in Monocytes	Susan Canny, MD; PhD Seattle Children's Hospital	
	#038 HLA-DRB1*15 Alleles in Systemic Juvenile Idiopathic Arthritis with Lung Disease and Macrophage Activation Syndrome in Italy	Claudia Bracaglia, MD IRCCS Ospedale Pediatrico Bambino Gesù	Celestin F
	#039 Towards the Definition of Cutoff Values for Disease Activity States in Systemic JIA Using the Systemic Juvenile Arthritis Disease Activity Score	Silvia Rosina, MD; PhD IRCCS Istituto Giannina Gaslini	
	#040 HLA DRB1*15 and Eosinophilia Are Common Among Patients with Systemic Juvenile Idiopathic Arthritis	Alison Lerman, MD University of Minnesota	
5:00-6:00 PM	Abstract Poster Session (Abstracts #90 – #137)	Poster Presenters	Storyville Hall
6:30-8:00 PM	6:30-8:00 PM Awards Dinner		Celestin D-E



Continental Breakfast

AMERICAN COLLEGE
of RHEUMATOLOGY
Empowering Rheumatology Professionals

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Storyville Hall

Saturday	v. A	pril	1

7:00-8:30 AM

VIRUSES AND	VIRUSES AND AUTOIMMUNITY CONCURRENT SESSION				
8:30-9:00 AM	Mechanisms of Virus-Induced Autoimmunity	Marc Horwitz, MD University of British Columbia			
9:00-9:30 AM	Anti-IFN Antibodies in Severe COVID-19	Helen Su, MD, PhD National Institutes of Health (NIH), National Institute of Allergy and Infectious Diseases (NIAID)	Celestin D-E		
9:30-10:00 AM	Autoantibodies in COVID-19	Paul Utz, MD Stanford University			

PRECISION TH	ERAPEUTICS CONCURRENT SESSION		
8:30-9:00 AM	HLA-Associated Drug Response	Ruud Verstegen, MD, PhD The Hospital for Sick Children	
9:00-9:30 AM	Precision Therapeutics: Describe the Principles of Pharmacogenetic Testing and the Clinical Guidelines Currently Available	Stephen Balevic, MD, PhD, RhMSUS (Virtual) Duke University	Celestin F
9:30-10:00 AM	Therapeutic Drug Monitoring in Pediatric Rheumatology: Time for Tailored Therapy?	Carmela Sagcal- Gironnella, MD, MS Hackensack University Medical Center	
10:00-10:30 AM Break		Celestin Foyer	

NOVEL TREAT	MENTS SESSION		
10:30-11:00 AM	Allogeneic Bone Marrow Transplant for Refractory Rheumatic Diseases	Rebecca Marsh, MD Cincinnati Children's Hospital Medical Center	Celestin G-H



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	Plenary Abstracts Session III		
	#007 Single Cell RNA Sequencing Analysis of the Skin to Evaluate the Effect of Autologous Stem Cell Transplant on Fibroblast Populations in Juvenile Onset Systemic Sclerosis	Kathryn Torok, MD University of Pittsburgh	
11:00 AM-12:00	#008 Treatment Response and Outcomes of 63 Cases of Juvenile Dermatomyositis-Associated Calcinosis	Belina Y. Yi, DO Children's Hospital Los Angeles	
PM	#009 The Bridge to Adult Care from Childhood for Young Adults with Rheumatic Disease (BACC YARD) Program, a Pediatric-to-Adult Rheumatology Transition Program	John Bridges, MD University of Alabama at Birmingham/Children's of Alabama	Celestin D-E
	#010 Remotely Delivered Psychological Intervention May Be Beneficial to Youth with Childhood- Onset Lupus: A Preliminary Investigation	Doborah Levy, MD The Hospital for Sick Children	
12:15-1:15 PM	Lunch (box lunch included)		Storyville Hall
12/13-1/13 PM	Roundtable Topic Discussions		Celestin G-H

TELEHEALTH	CONCURRENT SESSION		
1:15-1:35 PM	Telemedicine and Virtual Health: Future Use	Rajdeep Pooni, MD Stanford School of Medicine	
1:35-1:55 PM	Using Technology to Engage Patients in Research	Jon Hausmann, MD (Virtual) Beth Israel Deaconess Medical Center	Celestin F
1:55-2:15 PM	Artificial Intelligence/Machine Learning	Mei Sing Ong, PhD Harvard Medical School & Harvard Pilgrim Health- care Institute	





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QUALITY IMPROVEMENT/PATIENT-REPORTED OUTCOMES CONCURRENT SESSION				
1:15-1:35 PM	Utilizing PROMIS Measures in Juvenile Dermatomyositis	Kaveh Ardalan, MD, MS Duke University Medical Center		
1:35-1:55 PM	Patient-Reported Outcomes: Patient Care and Research	Aimee Hersh, MD University of Utah School of Medicine	Celestin D-E	
1:55-2:15 PM	Utilization of Patient-Reported Outcomes in Quality Improvement Research	Jon Michael Burnham, MD, MS Children's Hospital of Philadelphia		
2:15-2:30 PM	Break		Celestin Foyer	

SYSTEMIC JUVENILE IDIOPATHIC ARTHRITIS SESSION				
2:30-3:00 PM	Early Introduction of Biologics in Systemic Juvenile Idiopathic Arthritis: Its Impact on Disease Course and Long-Term Outcome	Sebastiaan Vastert, MD, PhD University Medical Center Utrecht	Celestin D-E	
3:00-3:30 PM	Lung Disease in Systemic Juvenile Idiopathic Arthritis	Alexei Grom, MD Cincinnati Children's Hospi- tal Medical Center		
3:30-4:00 PM	Systemic Juvenile Idiopathic Arthritis and Lung Disease: An Update	Elizabeth Mellins, MD (Virtual) Stanford University		

03/23/23