

ACR Convergence 2025

OCTOBER 25-28th • CHICAGO, IL

Booklet for Myositis- and Myopathy-Related Presentations

Friday, October 24th

12:30 PM – 3:30 PM

Myositis Collaborating Groups Summit (*pre-ACR*)

Location: National Futures Association Conference Center, 320 South Canal Street, Chicago, IL

Saturday, October 25th

7:30 AM – 9:55 AM

Review Course I

Location: W375D-E

Coordinators: Julie Paik, MD, MHS—Johns Hopkins University
Sarah Bayefsky, MD—Hackensack University Medical Center

9:20 AM – 9:55 AM Mimics of Myositis: What's Hiding in Plain Sight?
Speaker: Jens Schmidt, MD, FEAN, FAAN – Immanuel University Hospital Rüdersdorf,
Brandenburg Medical School

8:00 AM – 9:00 AM

Opening Session

Location: W375B

Moderator: Laura Cappelli, MD—Johns Hopkins School of Medicine

8:00 AM - 8:10 AM Welcome
Speaker: Laura Cappelli, MD – Johns Hopkins School of Medicine

8:10 AM - 9:00 AM Keynote Address: CAR-T in Autoimmune Disease
Speaker: Georg Schett, MD – Uniklinikum Erlangen, Friedrich-Alexander - Universität
Erlangen-Nürnberg, Germany

9:00 AM – 10:30 AM

Session I: irAEs and Agonism of Immune Checkpoints to Treat Autoimmune Disease

Location: W375B

Moderator: Laura Cappelli, MD—Johns Hopkins School of Medicine

9:00 AM - 9:30 AM Checkpoint Molecules and Pathogenesis of Autoimmune Disease

Speaker: Sang Kim, MD – Yale University

9:30 AM - 10:00 AM Immune-Related Adverse Events from Checkpoint Inhibitors

Speaker: Alexandra-Chloe Villani, PhD – Massachusetts General Hospital

10:00 AM - 10:30 AM PD-1 Agonism

Speaker: Adam Mor, MD, PhD – Columbia University

10:35 AM – 1:00 PM

Review Course II

Location: W375D-E

Coordinators: Julie Paik, MD, MHS—Johns Hopkins University

Sarah Bayefsky, MD—Hackensack University Medical Center

10:35 AM - 11:10 AM Skin in the Game: Cutaneous Manifestations of Rheumatic Disease

Speaker: Katharina Shaw, MD – University of Pennsylvania; Children's Hospital of Philadelphia; Priovant Therapeutics

10:45 AM – 11:45 AM

Session II (a): CAR-T and Beyond: Cellular Therapies in Autoimmune Disease

Location: W375B

Moderator: Marcela Maus, MD, PhD – Harvard

10:45 AM - 11:15 AM Evolving Bispecific T-cell Engagers for the Treatment of Autoimmune Diseases

Speaker: Maximilian Konig, MD – The Johns Hopkins University School of Medicine

11:15 AM - 11:45 AM Operational Challenges and Learning in Setting up CAR-T Trials in Autoimmune Disease

Speaker: Meghan Sise, MD – Harvard Medical School - Massachusetts General Hospital

1:15 PM – 2:15 PM

Session II (b): CAR-T and Beyond: Cellular Therapies in Autoimmune Disease

Location: W375B

Moderator: Marcela Maus, MD, PhD – Harvard

1:15 PM - 1:45 PM Central Time Bispecifics vs. CAR-T: How Oncologists Decide Between the Two
Preconference Speaker: Andrew Yee, MD – Harvard Medical School
(Massachusetts General Hospital)

1:45 PM - 2:15 PM Central Time Insights into the Pathophysiology and Management of CRS and ICANS
Preconference Speaker: Caroline Diorio, MD – Children's Hospital of Philadelphia

2:15 PM – 3:30 PM

Session III: Designing and Executing Clinical Trials: irAEs and CAR-T for Autoimmunity

Location: W375B

Moderator: Laura Cappelli, MD—Johns Hopkins School of Medicine

2:15 PM - 2:45 PM Challenges of Doing Trials with Examples of Successful Collaborations Between
Rheumatology and Oncology, Including Nephrology and Dermatology
Speaker: Xavier Mariette, MD – University Paris-Saclay

2:45 PM - 3:15 PM Considerations in Designing New CAR Studies in Autoimmune Disease with
Discussion About How the Two Fields Intersect and How We Can Grow
Speaker: Marcela Maus, MD, PhD – Harvard

3:15 PM - 3:30 PM Closing Remarks
Speaker: Marcela Maus, MD, PhD – Harvard

4:00 PM – 6:00 PM

Opening Session & Awards

Location: W375D-E

Tait Shanafelt, MD Chief Wellness Officer, Associate Dean, and Jeanie and Stewart Richie Professor
Hematology, Stanford University

Sunday, October 26th

7:00 AM – 7:45 AM

Year in Review

Location: W375D-E

Moderators: Theresa Lu, MD;PhD – Hospital for Special Surgery
Elizabeth Volkmann, MD, MS – University of California, Los Angeles

8:00 AM - 8:30 AM Year in Review: Basic Science
Speaker: Anne Davidson, MBBS, FRACP – Feinstein Institutes for Medical Research

8:30 AM - 9:00 AM Year in Review: Clinical Science
Speaker: Bryant England, MD, PhD – University of Nebraska Medical Center

9:00 AM – 10:00 AM

Energizing Immunity: How Mitochondria Contribute to Inflammation in Lupus and Photosensitivity

Location: S105

Moderators: Christian Lood, PhD – University of Washington
Richard Moore, BSc – Cedars-Sinai

9:00 AM - 9:30 AM Ultraviolet-Mediated Damage to Mitochondria in Systemic Lupus Erythematosus
Speaker: J. Michelle Kahlenberg, MD, PhD – University of Michigan

9:30 AM - 10:00 AM Erythrocytes Carrying More Power Than Expected
Speaker: Simone Caielli, PhD – Weill Cornell Medicine

9:00 AM – 10:00 AM

Bullseye! What's the Target for T Cell-Targeted Therapies?

Location: S103

Moderators: Marcus Clark, MD – University of Chicago
Melanie Smith, MD, PhD – Hospital for Special Surgery, Weill Cornell Medicine

9:00 AM - 9:30 AM Charting the Uncharted: Developing Genome-Scale Platforms for
De Novo Antigen Discovery in Autoimmunity
Speaker: Mohammad Haj Dezfulian, PhD – University of Pennsylvania

9:30 AM - 10:00 AM Needle in a Haystack – Identifying Autoantigens with Cell-based Libraries
Speaker: Alok Joglekar, PhD – University of Pittsburgh

9:00 AM – 10:00 AM

Go CAR-Ting and Beyond for Kids: State of the Art of Pediatric Cell-Based Therapies

Location: W475A-B

Moderators: Shaun Jackson, MD, PhD – Seattle Children's Research Institute
Holly Wobma, MD, PhD – Boston Children's Hospital

9:00 AM - 10:00 AM State of the Art: Pediatric Cell-Based Therapies
Speaker: Georg Schett, MD – Uniklinikum Erlangen, Friedrich-Alexander-Universität
Erlangen-Nürnberg, Germany

9:00 AM – 10:30 AM

Juvenile Dermatomyositis: Updates in Current Medical, Physical, and Occupational Therapy Treatment

Location: W184A

Moderators: Veronica Lewalski, MD – Children's Hospital Los Angeles
Janet Bahr, NP – Family Neighborhood Clinic

9:00 AM - 9:30 AM Juvenile Dermatomyositis: The Medical Perspective
Speaker: Jacob Spitznagle, MD – Children's Hospital Los Angeles

9:30 AM - 10:00 AM Juvenile Dermatomyositis: Physical Therapy Perspective
Speaker: Jill Blitz, PT – Children's Hospital Los Angeles

10:00 AM - 10:30 AM Juvenile Dermatomyositis: Occupational Therapy Perspective
Speaker: Talitha Black, OT, MA – Children's Hospital Los Angeles

9:00 AM – 10:30 AM

Management of Challenging Cases in Myositis

Location: W183A-C

Moderators: Jemima Albayda, MD, RhMSUS – Johns Hopkins University
Sangmee Bae, MD, MS – UCLA

9:00 AM - 9:30 AM Decoding Anti-Synthetase Syndrome
Speaker: Rohit Aggarwal, MD, MS – University of Pittsburgh

9:30 AM - 10:00 AM Immune-Mediated Necrotizing Myopathy
Speaker: Eleni Tiniakou, MD – UT Health Science Houston

10:00 AM - 10:30 AM Management of Recalcitrant Dermatomyositis
Speaker: Alisa Femia, MD – NYU School of Medicine

9:30 AM – 11:00 AM

Plenary I

Location: W375D-E

Moderators: Gregory Gardner, MD – University of Washington
Carol Langford, MD;MHS – Cleveland Clinic

10:00 AM - 10:15 AM Clinical Significance of Anti-MDA5 Epitope Antibodies as Prognostic Indicators for Interstitial Lung Disease With or Without Dermatomyositis
Speaker: Tsuneo Sasai, MD, PhD (he/him/his) – Kyoto University Hospital

10:30 AM –12:30 PM

Poster Session A

Location: Hall F1

(0019–0048) Genetics, Genomics & Proteomics Poster

0026: Spatial Proteomic-based Phenotyping of Muscle Stem Cells and their Niches in Myositis
Abstract Poster Presenter: Andrea-Hermina Györfi, MD – Department of Rheumatology, University Hospital Düsseldorf, Medical Faculty of Heinrich Heine University.

(0145–0174) Epidemiology & Public Health Poster I

0145: Population Assessment of Cancer Incidence among Patients with Idiopathic Inflammatory Myopathies in North Carolina
Abstract Poster Presenter: Astia Allenzara, MD, MS – University of North Carolina

(0210–0232) Measures & Measurement of Healthcare Quality Poster I

0227: Malignancy Screening of Dermatomyositis Patients in the Penn State Registry of Inflammatory Myopathies (PRIMO)
Abstract Poster Presenter: Katrina Gonzales, BA (she/her/hers) – Penn State College of Medicine

(0233–0279) Miscellaneous Rheumatic & Inflammatory Diseases Poster I

0278: Classic and Clinically Amyopathic Dermatomyositis: Autoantibody Positivity
Abstract Poster Presenter: Xiwei Yang, BA – Perelman School of Medicine, University of Pennsylvania

(0280–0305) Muscle Biology, Myositis & Myopathies – Basic & Clinical Science Poster I

0280: Sera from dermatomyositis patients induce muscle weakness via activation of type I interferon (IFN) receptors.

Abstract Poster Presenter: Daniel C. Andersson, MD;PhD (he/him/his) – Karolinska Institute

0281: anti-il-6 Autoantibodies and IL-6 Signalling in Idiopathic Inflammatory Myopathies
Abstract Poster Presenter: Katja Perdan Pirkmajer, MD, PhD – University Medical Centre Ljubljana

0282: Clinical Meaningfulness and Improvement Thresholds of Myositis Core Set Measures: Association with Patient-Reported Outcomes

Abstract Poster Presenter: Raisa Lomanto Silva, MD (she/her/hers) – Massachusetts General Hospital

0283: The Performance of Rule-Based Algorithms to Identify Patients With Idiopathic Inflammatory Myopathies in Electronic Health Records

Abstract Poster Presenter: Ana Valle, MD, MHS – Brigham and Women's Hospital

0284: Glucocorticoid Tapering and Relapse Risk in Anti-ARS Antibody-Positive Myositis: A Retrospective Study in a Single-Center Cohort Treated with Immunosuppressants

Abstract Poster Presenter: Ayaka Inoue, MD – Kakogawa Central City Hospital, Kakogawa, Japan.

0285: Delayed-Onset Myopathy in Dermatomyositis: A Retrospective Cohort Study

Abstract Poster Presenter: Connor Buechler, MD – University of Minnesota

0286: Anifrolumab for Treatment of Refractory Juvenile Dermatomyositis in Adult Patients

Abstract Poster Presenter: Connor Buechler, MD – University of Minnesota

0287: Comprehensive Profiling of Neutrophil Subsets Reveals Functional Signatures Linked to Vasculopathic Features in Patients with Inflammatory Myopathies

Abstract Poster Presenter: DANIEL CARRILLO VAZQUEZ, MD, MSc – Instituto Nacional de Ciencias Médicas y Nutrición Salvador Zubirán

0288: Predictors and Characteristics of Objective Flares in Adult Dermatomyositis

Abstract Poster Presenter: Didem Saygin, MD – Rush University Medical Center

0289: Standardized Interoperable Data Collection for Myositis Research: Developing Common Data Elements for Myositis Disease Activity Core Set Measures

Abstract Poster Presenter: Didem Saygin, MD – Rush University Medical Center

0290: Comparison of Organ Damage and Survival in Anti-synthetase Syndrome and Other Idiopathic Inflammatory Myopathies: An Analysis of Patients from Turkey

Abstract Poster Presenter: Ezgi Sahin, n/a (she/her/hers) – Istanbul University Istanbul Faculty of Medicine

0291: Acute Onset Inflammatory Myositis: Clinical Features and Survival

Abstract Poster Presenter: Gollakota Nandita, MBBS/MD – NIMS, Hyderabad

0292: Patterns and Predictors of Longitudinal Trajectories of Pain in Individuals with Inflammatory Myopathies

Abstract Poster Presenter: Haley Zimmerman, MD (she/her/hers) – Rush University Medical Center

0293: Presence of Anti-cN-1A (Mup44, NT5c1A) IgG is Specific for Sporadic Inclusion Body Myositis

Abstract Poster Presenter: Jackie Weiss, PhD – EUROIMMUN US

0294: Clinical relevance of low titer positive myositis-specific autoantibodies and myositis-associated autoantibodies in patients with an underlying malignancy.

Abstract Poster Presenter: Jocelyn Chow, MBBS (she/her/hers) – University of Ottawa

0295: Multidimensional Analysis of Fatigue in Idiopathic Inflammatory Myopathies: Clinical, Psychological, and Sociodemographic Determinants

Abstract Poster Presenter: Manali Sarkar, MBBS (she/her/hers) – Sir H. N. Reliance Foundation Hospital and Research Centre, Mumbai, Maharashtra, India.

0296: Aggregation of HARS1 and Internalized Antibodies in Muscle Biopsies of Patients with Antisynthetase Syndrome and anti-jo1(hars) Autoantibodies

Abstract Poster Presenter: Maria Casal-Dominguez, Staff Scientist – National Institutes of Health

0297: Longitudinal Serum Proteomic Profiles – A Step Closer to Personalized Monitoring in Dermatomyositis

Abstract Poster Presenter: Natasha Le Blanc, MD, BSc – McGill University

0298: Inter-rater Reliability of Hand-Held Dynamometry in Patients with Idiopathic Inflammatory Myopathy

Abstract Poster Presenter: Niladri Bhowmick, DM – Yashoda Hospital, Hyderabad

0299: Interpreting Myositis Autoantibody Line-Blot Immunoassays in Real-World Settings: Implications for Diagnostic Accuracy for Inflammatory Myopathies

Abstract Poster Presenter: Pei-Hsinq Lai, MD – Taipei City Hospital

0300: Exploring Malignancy in Anti-synthetase Syndrome: A Multisite Retrospective Study

Abstract Poster Presenter: Reena Yaman, MD, MS, BSc (she/her/hers) – Mayo Clinic Florida

0301: Novel HMGCs1 Deficiency Expands Proinflammatory Monocytes and Cytotoxic Populations with Increased Cytokine Release

Abstract Poster Presenter: Sabrina Helmold Hait, PhD (she/her/hers) – NIAMS, NIH

0302: Urine Kynurenine Pathway Biomarkers Correlate with Disease Activity and Damage Core Set Measures in JDM

Abstract Poster Presenter: Shannon O'Connor, MD, PhD – Cincinnati Children's Hospital Medical Center

0303: A Predictive Model for Liver Enzyme Elevations Based on Creatine Kinase in Idiopathic Inflammatory Myopathies

Abstract Poster Presenter: Shiri Keret, MD (she/her/hers) – Bnai Zion Medical Center

0304: Concordance for myositis-specific autoantibody detection between commercial enzyme-linked immunosorbent assay and line blot assay: a multi-center study across the Asia-Pacific region

Abstract Poster Presenter: Takahisa Gono, MD – Nippon Medical School Graduate School of Medicine

0305: From Movement to Meaning: Exploring Physical Function in IBM with Actigraphy

Abstract Poster Presenter: Vaidehi Kothari, MBBS – University of Pittsburgh

(0357–0386) Patient Outcomes, Preferences, & Attitudes Poster I

0357: Content validation of patient-reported outcome (PRO) measures for fatigue, physical function and disease activity in Polymyositis (PM)

Abstract Poster Presenter: Esther Yi, MS, PharmD – Pfizer

(PP01-PP08) Patient Perspectives Poster

PP01: When You Become the Story: A Journalist's Approach to Managing Complex Care

Abstract Poster Presenter: Lindsay Gruentzel – The Myositis Association

PP02: When The Body Speaks But No One Listens: A Dermatomyositis Story Through a Public Health Lens
Abstract Poster Presenter: Kyanna Johnson, BS, MPH, MA – Myositis Support and Understanding

PP04: MCTD and Aging – Resilience Required
Abstract Poster Presenter: Carol Kaminski

PP05: Mastering a Rare, Autoimmune Disease: My Journey Regaining Agency Through Education, Collaboration, and Community
Abstract Poster Presenter: Mustafa Shameem, BS, Computer Science – The Myositis Association, Board Member

11:30 AM – 12:30 PM

Seminar: Meet-the-Professor: Myositis

Location: W175C

Seminar Presenter: Rohit Aggarwal, MD,MS – University of Pittsburgh

1:00 PM – 2:00 PM

Give Us Strength Mechanistic Insights into Myositis

Location: W185A-D

Moderators: Dana Ascherman, MD – University of Pittsburgh
Jorge Gonzalez Chapa, MD, PhD – University of Washington

1:00 PM - 1:30 PM Decoding Dermatomyositis Skin Inflammation
Interactive Speaker: J. Michelle Kahlenberg, MD, PhD – University of Michigan

1:30 PM - 2:00 PM Interferon Gamma and Oxidative Stress in Myositis
Interactive Speaker: Olivier Boyer, MD PhD – University of Rouen

1:00 PM – 2:30 PM

Abstracts: Patient Outcomes, Preferences, & Attitudes

Location: S102

Moderator: Martin Bergman, MD, FACR, MACR – self employed
Betty Hsiao, MD – Yale-New Haven Medical Center

1:00 PM - 1:15 PM Short Form 36 (SF-36) Health Survey Questionnaire in Health-Related Quality of Life Assessment in Patients with Inflammatory Myopathies
Speaker: Almurtada Razok, MD, MRCP – Rush University Medical Center

1:45 PM - 2:30 PM Clinical Pediatric Year in Review
Speaker: Karen Onel, MD – HSS

1:00 PM – 2:30 PM

Pediatric Year in Review

Location: W196A-C

Moderator: Susan Shenoj, MS;MBBS;RhMSUS – Seattle Children's Hospital and Research Center

1:00 PM - 1:45 PM Basic Science Pediatric Year in Review

Speaker: Peter Nigrovic, MD – Boston Children's Hospital

1:45 PM - 2:30 PM Clinical Pediatric Year in Review

Speaker: Karen Onel, MD – HSS

2:30 PM – 3:30 PM

Endothelial Insights: Mechanisms and Biomarkers of Vasculopathy in Juvenile Dermatomyositis

Location: W471B

Moderators: Sara Sabbagh, DO – Medical College of Wisconsin
Lauren Covert, MD – Duke University School of Medicine
Lisa G. Rider, MD – NIEHS, NIH

2:30 PM - 3:00 PM Endothelial Dysfunction in Juvenile Dermatomyositis

Speaker: Jessica Turnier, MD,MS – University of Michigan

3:00 PM - 3:30 PM Juvenile Dermatomyositis Vasculopathy: Emerging Biomarkers

Speaker: Femke van Wijk, PhD – University Medical Centre Utrecht

2:45 PM – 3:45 PM

High-Intensity Training in Rheumatology: Impacts on Cardiovascular Health, Physical Function, and Immune Response

Location: W184A

Moderators: Yvonne Golightly, PhD, MS, PT – University of Nebraska Medical Center
Louise Thoma, PhD, DPT – University of North Carolina

2:45 PM - 3:15 PM High-Intensity Exercise in Inflammatory Arthritis

Speaker: Kim M. Huffman, MD, PhD – Duke University School of Medicine

3:15 PM - 3:45 PM High-Intensity Exercise in Myositis and Other Rheumatic Conditions

Speaker: Helene Alexanderson, PhD; PT (she/her/hers) – Karolinska University Hospital

4:00 PM – 5:00 PM

Seminar: Meet-the-Professor: Myositis

Location: W176A

Seminar Presenter: Rohit Aggarwal, MD,MS – University of Pittsburgh

Monday, October 27th

8:30 AM – 9:30 AM

Updates in Pulmonary Hypertension in Connective Tissue Diseases

Location: W375B

Moderators: Alana Haussmann, MD – University of California Los Angeles
Lorinda Chung, MD; MS – Stanford University

8:30 AM - 9:00 AM Personalized Approach to Screening and Diagnosis of Pulmonary Hypertension in Connective Tissue Diseases
Speaker: Kristin B. Highland, MD, MS – Cleveland Clinic

9:00 AM - 9:30 AM Novel Therapies for Pulmonary Hypertension in Connective Tissues: A Cardiology Perspective
Speaker: Benjamin Freed, MD – Northwestern

8:30 AM – 9:30 AM

Strengthening Our Understanding of Less Common Forms of Inflammatory Myopathies

Location: S102

Moderators: Julie Paik, MD, MHS – Johns Hopkins University
Nathaniel Harris, MD – Duke University Medical Center

8:30 AM - 9:00 AM Immune-Mediated Necrotizing Myopathies and Beyond
Speaker: Andrew Mammen, MD; PhD – NIH

9:00 AM - 9:30 AM Case-Based Approaches to Inclusion Body Myositis
Speaker: David Fernandez, MD, PhD – Hospital for Special Surgery

10:00 AM – 11:30 AM

27M20: Abstracts: Muscle Biology, Myositis & Myopathies – Basic & Clinical Science II: Basic & Translational Research (0861–0866)

Location: W190A-B

Moderators: Iago Pinal-Fernandez, MD, PhD – NIAMS/National Institutes of Health
Vladimir Liarski, MD, MSc – University of Pittsburgh

10:00 AM - 10:15 AM Identification of Anti-HDGFL1 as a Novel Autoantibody in Seronegative Idiopathic Inflammatory Myopathies

Speaker: Xueting Yuan, MD – Peking Union Medical College Hospital

10:15 AM - 10:30 AM In immune-mediated necrotising myopathy, anti-HMGCR antibodies inhibit HMGCR activity, leading to the sarcoplasmic accumulation of lipid droplets and myofibres necrosis

Speaker: Margherita Giannini, MD, PhD – Nouvel Hopital Civil, Strasbourg

10:30 AM - 10:45 AM Myeloid Dendritic Cell Subsets Characterize Muscle of Inclusion Body Myositis Patients and Correlate with KLRG1+ and TBX21+ CD8+ T cells

Speaker: Raphael Kirou, BSc – National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS), National Institutes of Health (NIH)

10:45 AM - 11:00 AM Immunophenotyping Reveals Upregulated IL-9R on Circulating T and B Cells in Dermatomyositis

Speaker: Danica Lee, BA – University of Pittsburgh School of Medicine

10:00 AM – 11:30 AM

Myositis: The Interprofessional Approach

Location: W184A

Moderators: Annelle Reed, MSN, CPNP
Astia Allenzara, MD, MS

10:00 AM - 10:30 AM Myositis: More than Weakness

Speaker: Raeann Bowman, MD – University of Alabama Birmingham / UT Southwestern

10:30 AM - 11:00 AM Psychosocial Impact of a Myositis Diagnosis

Speaker: Suzan Fischbein, LCSW – Suzan Fischbein

11:00 AM - 11:30 AM Best Practice for Rehabbing the Myositis Patient

Speaker: Angelo Papachristos, PT – St. Michael's Hospital

10:30 AM –12:30 PM

Poster Session B

Location: Hall F1

1191–1220 Muscle Biology, Myositis & Myopathies – Basic & Clinical Science Poster II

1191: Effect of ER Stress Inhibition With 4-Phenylbutyric Acid on Disease Phenotype in a Mouse Model of Myositis

Presenter: Alfredo Guzman, PhD (he/him/his) – Binghamton University

1192: Idiopathic Inflammatory Myopathies: A Prospective Phase 4 Controlled Trial Of Recombinant Herpes Zoster Vaccine

Presenter: Ana Paula Luppino-Assad, MD, PhD – Hospital das Clinicas da Faculdade de Medicina da Universidade de São Paulo (HC/FMUSP)

1193: Lung Transplant Outcomes in Patients with Myositis- and Systemic Sclerosis-Associated Interstitial Lung Disease Compared to Idiopathic Pulmonary Fibrosis: A Multicentric Retrospective Analysis

Presenter: Angela Chang, MD – University of British Columbia

1194: Risk of Calcinosis with Proton Pump Inhibitor Use in Adult Dermatomyositis and Systemic Sclerosis

Presenter: Antonia Valenzuela, MD, MS – Pontificia Universidad Catolica de Chile

1195: Discordance between Immunoblot and ELISA in the detection of Jo-1 and Ro/Ro-52 Autoantibodies

Presenter: Antonia Valenzuela, MD, MS – Pontificia Universidad Catolica de Chile

1196: Prevalence of and Factors Associated with Chronic Opioid Use among Individuals with Inflammatory Myopathies

Presenter: Anuya Natsu, MBBS – Rush University Medical Center

1197: Genetic Profiling of Idiopathic Inflammatory Myopathies in Indian Patients Reveals Genotype-Phenotype Correlation

Presenter: Bandana Jassal, n/a (she/her/hers) – All India Institute of Medical Sciences, New Delhi

1198: Induction of stable, GC-free remission in patients with severe, therapy-refractory anti-synthetase syndrome after using the bispecific CD19xCD3 T cell engager blinatumomab

Presenter: Christina Duesing, MD – Klinik für Rheumatologie

1199: Interstitial Lung Disease in Systemic Autoimmune Rheumatic Diseases (SARDs): Radiologic and Histologic Correlations

Presenter: Darya S. Jalaledin, MD – Université de Montréal

1200: Mortality in Idiopathic Inflammatory Myopathy in the Toulouse cohort (MIIRTALITY)

Presenter: Gregory Pugnet, MD, PhD (he/him/his) – CHU Toulouse Rangueil Service de Medecine Interne et Immunologie Clinique

1201: Prognostic Significance of 1-Year Pulmonary Function Changes in Myositis-Associated Interstitial Lung Disease

Presenter: Irada Choudhuri, MD – University of Pittsburgh Medical Center

1202: High Prevalence of Asymptomatic Interstitial Lung Disease in Idiopathic Inflammatory Myopathies: Validation of ACR/CHEST Risk Factors in a Hong Kong Cohort

Presenter: Iris Tang, MBBS, MRCP – Department of Medicine, LKS Faculty of Medicine, University of Hong Kong

1203: Rituximab in Treatment Refractory vs Treatment Naive Anti-Signal Recognition Particle (SRP) Myositis - A Case Series

Presenter: ISRARUL HAQUE, MD, MBBS – Institute of Post graduate Medical Education and Research, Kolkata

1204: Validity and reliability of a new ultrasound-based semiquantitative echogenicity grading scale for myositis.

Presenter: Jemima Albayda, MD, RhMSUS – Johns Hopkins University

1205: Real-time MRI for assessment of swallowing impairment in inclusion body myositis and oculopharyngeal muscular dystrophy.

Presenter: Jens Schmidt, MD – Immanuel University Hospital Rüdersdorf, Brandenburg Medical School; Department of Neurology and Pain Therapy

1206: Overexpression of lymphotoxin in autophagy-deficient mice as model for inclusion body myositis

Presenter: Jens Schmidt, MD – Immanuel University Hospital Rüdersdorf, Brandenburg Medical School; Department of Neurology and Pain Therapy

1207: Cutaneous and Muscular Disease Trajectories in Adult Patients with Dermatomyositis

Presenter: Jesus Valencia, MD – Johns Hopkins Bayview Medical Center

1208: Neutrophil Activation in Juvenile Dermatomyositis: Associations with Muscle Function and Disease Progression

Presenter: Jia Shi, MD – University of Washington

1209: Beyond Muscle Strength: Functional Performance Measures Enhance Assessment of Disease Activity in Juvenile Dermatomyositis

Presenter: Jia Shi, MD – University of Washington

1210: Artificial Intelligence-based Capillaroscopy and Laboratory Biomarkers to Predict Disease Activity in Idiopathic Inflammatory Myopathies: Preliminary Data from the Capiami Cohort

Presenter: Jorge Álvarez-Troncoso, MD, PhD (MD, PhD) – Hospital Universitario La Paz

1211: Plasma Levels of miR-133a-3p and miR-1-3p as Potential Biomarkers of Muscle Involvement and Initial Treatment Response in Myositis

Presenter: Kristina Svobodová, MD– Institute of Rheumatology and Department of Rheumatology, 1st Faculty of Medicine, Charles University

1212: Relapse in Idiopathic Inflammatory Myopathies: insights from extended MyoCite and Italian Consortia

Presenter: Maria Rosa Pellico, MD – ASST Pini-CTO, Clinical Rheumatology Unit

1213: Transitional Changes on High Resolution Computed Tomography (HRCT) in idiopathic inflammatory Myopathy- Associated Interstitial Lung Disease (IIM-ILD)

Presenter: Sangmee Bae, MD, MS – UCLA

1214: Association of paraoxonase1 Activity with Calcinosis in Patients with Scleroderma and Dermatomyositis : An Exploratory Analysis

Presenter: Sangmee Bae, MD, MS – UCLA

1215: Remission Rates and Predictors in Idiopathic Inflammatory Myopathy Subtypes: Insights from a Single-Center Cohort

Presenter: Sidra Tahir, MD, MBBS– University of Pittsburgh Medical Center, Mercy

1216: Measurement Properties of a Shorter Health Assessment Questionnaire (HAQ-II) in Patients with Inflammatory Myopathies

Presenter: Sung-Ki Lee, MD – Rush University Medical Center

1217: Validation and clinical use of anti-MDA5 test - LIA versus ELISA

Presenter: TING-YUAN LAN, MD – National Taiwan University Hospital Hsinchu Branch

1218: Social Determinants Shape Health Outcomes in Idiopathic Inflammatory Myopathies: Insights from Lived Experience of 1,252 Patients

Presenter: Tsvetelina Velikova, MD, PhD, MPH– Sofia University St. Kliment Ohridski

1219: anti-ro52 Antibody Identifies Patients with More Severe Lung Disease Among Patients with Idiopathic Inflammatory Myopathy

Presenter: Vasiliki Symrou, MD, MSc – University General Hospital of Larissa

1220: Predictors of Progressive Pulmonary Fibrosis in Idiopathic Inflammatory Myopathies: a Retrospective Study of 502 Cases

Presenter: Wei Bian, MD – Tianjin Medical University

11:30AM – 12:30 PM

MTP25.PULMO.22A: Meet-the-Professor: Pulmonary Hypertension

Location: W176A

Seminar Presenter: Benjamin Freed, MD – Northwestern

1:00 PM – 2:00 PM

The Many Faces of ILD in Rheumatic Diseases

Location: W375D-E

Moderator: Elizabeth Volkmann, MD, MS – University of California, Los Angeles
Iazsmin Bauer Ventura, MD, MS – University of Chicago

1:00 PM - 1:30 PM Progressive Pulmonary Fibrosis in Rheumatic Diseases: Optimizing Monitoring and Multidisciplinary Care

Speaker: Justin M. Oldham, MD, PhD – University of Michigan

1:30 PM - 2:00 PM Personalized Treatment for SARD-ILD: Combining Clinical and Biological Features to Inform Management Decisions

Speaker: Erin Wilfong, MD, PhD – Vanderbilt University Medical Center

4:00 PM – 5:00 PM

Meet-the-Professor: Pulmonary Hypertension

Location: W176A

Seminar Presenter: Benjamin Freed, MD – Northwestern

Tuesday, October 28th

8:30 AM – 9:30 AM

The Good, the Bad, and the Ugly: Understanding Mechanisms of Adverse Events After Immune Checkpoint Therapy

Location: W181A-C

Moderator: Sophia Weinmann, MD, FACR

8:30 AM - 8:50 AM Pathogenesis of Immune checkpoint inhibitors-induced myocarditis
Speaker: Daniela Cihakova, PhD – Johns Hopkins University

8:50 AM - 9:10 AM Molecular and Immune Hallmarks of Immune-Related Adverse Event Inflammatory Arthritis Induced by Checkpoint Inhibitors
Speaker: Roza Nurieva, PhD – University of Texas MD Anderson

9:10 AM – 9:30 AM Mouse Model of Immune-Related Adverse Events
Speaker: Abby Overacre, PhD – University of Pittsburgh

10:30 AM – 12:00 PM

Poster Session C

Location: Hall F1

2052–2078 Muscle Biology, Myositis & Myopathies – Basic & Clinical Science Poster III

2052: Prevalence of anti-neutrophil extracellular trap antibodies and their relationship with the clinical characteristics of patients with idiopathic inflammatory myopathies.

Presenter: Agustin Hernandez Lopez, II, MD - INCMNSZ

2053: A Prospective Study Unveils Damage Accrual and Myositis Specific Antibodies as Key Risk Factors for Mortality in Myositis

Presenter: Agustin Hernandez Lopez, II, MD – INCMNSZ

2054: A Changing Paradigm: Reassessing the Role of Muscle Biopsy in Idiopathic Inflammatory Myopathies in a Single-center Cohort

Presenter: Ami Purohit, MD – University of Miami

2055: Construct Validity of Total Improvement Score (TIS) as an Endpoint for Clinically Meaningful Improvement in Multiple Patient-Centered Outcome Measures in Dermatomyositis

Presenter: Anjana Chandrasekhara Pillai, MD – PPCP

2056: Systematic Review: Nutritional Interventions in Muscle Diseases

Presenter: Deepanjali Vedantam, MD, MBBS – Shasta Regional Medical Centre/Prime West Consortium

2057: Clinical Associations of Anti-Ro52 Antibodies in Idiopathic Inflammatory Myopathies: A Scoping Review

Presenter: Emily Sun, MD, MPH – Royal Melbourne Hospital

2058: Organ-specific disease activity and serological patterns in idiopathic inflammatory myopathies: A descriptive study in a Hispanic cohort

Presenter: Emmanuel Dominguez-Chapa, MS – Universidad Autonoma de Nuevo Leon

2059: Autoantibody Patterns in Myositis Immunoblot Testing: A Retrospective Study in Inflammatory Myopathies and Connective Tissue Diseases (2017–2023)

Presenter: Fabricio Benavides, MD – Hospital Universitario Marqués de Valdecilla

2060: Treatment Patterns And Drug Use In Idiopathic Inflammatory Myopathies. Description Of The First Year After Diagnosis In A Swedish Myositis Cohort.

Presenter: Federico Zazzetti, MD – J&J Innovative Medicine

2061: Tryptophan Metabolism Alteration Is Associated With Rapidly Progressive Interstitial Lung Disease Of Anti-MDA5+ Dermatomyositis

Presenter: Hongjiang Liu, n/a – West China Hospital, Sichuan University

2062: Immune Cell Signatures Associated with Disease Activity in Dermatomyositis Across Autoantibody Subtypes

Presenter: Jeffrey Sagun, BS – Stanford University School of Medicine

2063: Linking PROMIS scores to disease severity and treatment in dermatomyositis: a patient-centered evaluation

Presenter: Julie Paik, MD, MHS – Johns Hopkins University

2064: Kinematics Underlying IBM-induced Dysphagia

Presenter: Kevin Renz Ambrocio, MS – University of Pittsburgh

2065: Pain in Idiopathic Inflammatory Myopathies: A Global Study of Patient Experience

Presenter: Lekshmi Minikumari Rahulan, MD, MBBS – Sanjay Gandhi Postgraduate Institute of Medical Sciences

2066: Psychosocial Factors Strongly Influence Subjective Well-being in Patients with Idiopathic Inflammatory Myopathies

Presenter: Meera H Shah, MD, DrNB – Indraprastha Apollo Hospital, New Delhi

- 2067: Patterns of Comorbidity in Idiopathic Inflammatory Myopathies: A Cross-sectional Analysis of Disease Burden and Risk Factors
Presenter: Meera H Shah, MD, DrNB – Indraprastha Apollo Hospital, New Delhi
- 2068: Comparing characteristics, diagnostics, and treatment in people with different idiopathic inflammatory myopathies using a large representative cohort
Presenter: Michael George, MD, MSc – University of Pennsylvania
- 2069: Concordance of low titer positive myositis-specific autoantibodies and myositis-associated autoantibodies on subsequent myositis panel testing.
Presenter: Nikola Wilk, MD, FRCPC (he/him/his) – University of Ottawa
- 2070: Characterization of Hospitalization, Patient Demographics and Impact of Idiopathic Inflammatory Myopathies on Hospitalization Outcomes in Adult Fracture Patients: A National Inpatient Sample Analysis.
Presenter: Pranathi Bandarupalli, MD (she/her/hers) – Mercy St Vincent Medical Center
- 2071: Impact of Diagnostic Delay on Disease Activity and Cumulative Damage in Patients with Idiopathic Inflammatory Myopathies in a Third-level Hospital in Mexico
Presenter: Rebeca Polina-Lugo, MD (she/her/hers) – Division of Rheumatology, Hospital Universitario, UANL
- 2072: Results of an Integrated Program for Early Cancer Detection in Idiopathic Inflammatory Myopathies
Presenter: Rebeca Polina-Lugo, MD (she/her/hers) – Division of Rheumatology, Hospital Universitario, UANL
- 2073: Cell-free DNA as a Potential Marker of Muscle Involvement and Treatment Response in Myositis
Presenter: Sabína Oreská, MD, PhD (she/her/hers) – Institute of Rheumatology
- 2074: Increased Mortality in Hispanic Males with Lymphopenia: A Descriptive and Statistical Analysis of Anti-Melanoma Differentiation-Associated Protein 5 (MDA-5) Antibody Positive Patients
Presenter: Sergio M. Maldonado Chaar, MD (he/him/his) – University of Miami/Jackson Health
- 2075: Ferritin trends differentiate anti-MDA5 Dermatomyositis from anti-Jo1 Antisynthetase Syndrome
Presenter: Silvia Grazzini, MD – University of Siena
- 2076: Nutritional Discourse in Online Myositis Communities: A Reddit Analysis of Patient-led Discussions
Presenter: Taanya Talreja, MBBS – Seth GS Medical College and KEM Hospital
- 2077: Statin-Associated Immune-Mediated Necrotizing Myopathy in Native Americans
Presenter: Tam Dinh, MD – University of New Mexico Internal Medicine Program
- 2078: Neutrophil Extracellular Traps from Patients with Idiopathic Inflammatory Myopathies Induce Interferogenic Responses in Macrophages and Myeloid Dendritic Cells
Presenter: Yatzil Reyna-Juárez, MD – Instituto Politécnico Nacional

2547-2566 AR Poster I

- 2554: Real world observations on symptom response and tolerability of intravenous immunoglobulin in patients with inflammatory myopathies through a nurse-led outcomes monitoring program in a home infusion setting.

1:00 PM – 2:30 PM

FDA Update

Location: W375B

Moderator: Raj Nair, MD, RhMSUS
Michael Weisman, MD

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| 1:00 PM - 1:20 PM | Update on New Therapies in Rheumatology |
| 1:20 PM - 1:40 PM | Safety Issues for Therapies in Rheumatology |
| 1:40 PM – 1:55 PM | The FDA and CAT-T Therapies
Speaker: Anam Tariq |
| 1:55 PM - 2:10 PM | The FDA and Multi-Specific Immune Therapies |
| 2:10 PM - 2:30 PM | FDA Update Panel Discussion |

1:00 PM – 2:00 PM

Getting to the Heart of the Issue: Perimyocarditis in Autoimmune Diseases

Location: W375A

Moderators: Didem Saygin, MD
Eugene Krustev, MD

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| 1:00 PM – 1:20 PM | Immunology in Cardiac Involvement in Rheumatic Diseases
Speaker: Luigi Adamo, MD, PhD |
| 1:20 PM – 1:40 PM | Management of Pericarditis: Initiation and Tapering Biologics
Speaker: Brittany Weber, MD, PhD |
| 1:40 PM – 2:00 PM | Case Presentation on Lupus and Myositis
Speaker: Julie Paik, MD, MHS |

4:00 PM – 5:00 PM

Stressed Out!: The Role of Cellular Stress in Autoimmune Disease

Location: W475A-B

Moderators: William Ambler, MD
Andras Perl, MD, PhD

- 4:00 PM - 4:30 PM Chronic Activation of Plasmacytoid Dendritic Cells in Autoimmunity Is Linked to Dysregulated ER Stress and Metabolic Responses
Speaker: Franck Barrat, PhD – Hospital for Special Surgery
- 4:30 PM - 5:00 PM The Role of Oxidative Stress in Autoimmune Skin Disease
Speaker: Mehdi Rashighi, MD – UMass Chan Medical School

Wednesday, October 29th

8:30 AM – 9:00 AM

Pediatric Rheumatology FDA Updates

Location: W196A-C

Moderators: Jessica Neely, MD – UCSF
 Pui Lee, MD PhD – Boston Children's Hospital

8:30 AM - 9:00 AM FDA Updates on Pediatric Rheumatology
Speaker: Emily Gotschlich – Children’s National Hospital

8:30 AM – 9:30 AM

Innovations in Interstitial Lung Disease: Cellular Mechanisms and Translational Applications in Lung Fibrosis

Location: W185A-D

Moderators: Nunzio Bottini, MD, PhD – Cedars Sinai Medical Center
Benjamin Korman, MD – University of Rochester

8:30 AM - 9:00 AM Immune Mechanisms of Fibrotic Lung Disease
Speaker: Edy Kim, MD, PhD – Brigham and Women's Hospital

9:00 AM - 9:30 AM Bench to Bedside: Translational Findings in SSc-ILD
Speaker: Monique Hinchcliff, MD, MS – Yale School of Medicine

10:00 AM – 11:00 AM

Clinical Year in Preview

Location: W375C

Moderators: Janet Pope, MD, FRCPC, MPH – University of Western Ontario
Mohammed Osman, MD, PhD, BSc – University of Alberta

10:00 AM - 10:30 AM Top Abstracts That Will Change My Practice in the Near Future
Speaker: Laura Coates, MD, PhD – University of Oxford

10:30 AM - 11:00 AM Abstracts That Will Shape Research in the Near Future
Speaker: Tomas Mustelin, MD, PhD – University of Washington

11:30 AM – 1:00 PM

Abstracts: Muscle Biology, Myositis & Myopathies – Basic & Clinical Science I: Diagnostics & Therapeutics (2669-2674)

Location: W192A-C

Moderators: Jisna Paul, MD – Ohio State University Hospital
Soumya Chatterjee, MD, MS, FRCP, FACP, FACR – Cleveland Clinic

- 11:30 AM – 11:45 AM RESET-Myositis: Clinical Trial Evaluating Rese-cel (Resecabtagene Autoleucel), A Fully Human, Autologous 4-1BB CD19-CAR T Cell Therapy in Idiopathic Inflammatory Myopathies
Presenting Author: Erin Wilforn, MD, PhD – Vanderbilt University Medical Center
- 11:45 AM – 12:00 PM Real-World Experience of Anifrolumab in 24 Patients with Refractory Dermatomyositis: A Multicenter Retrospective Study.
Presenting Author: Miriam Retuerto Guerrero, MD - Complejo Asistencial Universitario de León
- 12:00 PM – 12:15 PM Effect of Efgartigimod PH20 on Total Improvement Score, Its Core Set Measures, and Patient/Clinician Impression of Change: Results from the Phase 2 ALKIVIA Study of Adults with Active Idiopathic Inflammatory Myopathy.
Presenting Author: Rohit Aggarwal, MD, MS – University of Pittsburg
- 12:00 PM – 12:15 PM Effect of Efgartigimod PH20 on Total Improvement Score, Its Core Set Measures, and Patient/Clinician Impression of Change: Results from the Phase 2 ALKIVIA Study of Adults with Active Idiopathic Inflammatory Myopathy.
Presenting Author: Rohit Aggarwal, MD, MS – University of Pittsburg
- 12:15 PM – 12:30 PM Safety and efficacy of Upadacitinib in melanoma differentiation-associated gene 5-positive dermatomyositis with interstitial lung disease: a single-centre, retrospective, propensity score-matched cohort study
Presenting Author: Qiong Fu, MD – Renji Hospital
- 12:30 PM – 12:45 PM Quantitative 18F-FDG PET/CT analysis reveals new pattern of muscle involvement and prognostic indicators in idiopathic inflammatory myopathies: beyond proximal muscle weakness.
Presenting Author: Fatma Basibuyuk, MD – Dokuz Eylul University
- 12:45 PM – 1:00 PM Pulmonary ultrasound findings and their relationship with clinical characteristics and myopathy antibodies in a cohort of patients with myositis
Presenting Author: Ana Mora-Rosas, Sr, MD – Instituto Nacional de Rehabilitacion

11:30 AM –1:00 PM

Abstracts: Miscellaneous Rheumatic & Inflammatory Diseases III: End Organ Focus on Heart, Lung, and Eye (2663-2668)

Location: W192A-B

- 11:45 AM – 12:00 PM Neutrophil-to-Lymphocyte Ratio (NLR) as a Clinically Accessible Marker of Interferon Signatures in Autoimmune Diseases
Presenting Author: Yoshinobu Koyama, MD, PhD – Japanese Red Cross Okayama Hospital
- 12:45 PM – 1:00 PM CD14 Myeloid Cells Mediate UVB Photosensitivity in Autoimmune Skin Disease via a Spatially Resolved Inflammatory Circuit
Presenting Author: Mehdi Rashighi – UMass Chan Medical School