# THURSDAY POSTER PRESENTATIONS

| Poster Number | Poster Title | Poster Presenter | Organization |
|---|---|---|---|
| 1 | Clinical Roadmap for Implementing Results from Electronic Health Records Queries | Aaron T. Chin, MD | UCLA: Division of Allergy, Immunology, and Rheumatology |
| 2 | Comprehensive Analysis Reveals a Neuroimmunological Association Induced by Oncogenic Hepatitis Viruses | Adriel L. Nóbile | Sao Paulo University - USP |
| 3 | Aggressive Immunosuppressive Therapy Is Beneficial Early on in Reducing Autoreactive T Cell Proliferation in Omenn Syndrome/Severe Combined Immunodeficiency | Afia B. Adu-Gyamfi, MD | Mayo Clinic, Pediatrics and Adolescent Medicine |
| 4 | Clingen Framework for PIK3CD Variant Classification: Use of Adapted ACMG/AMP Guidelines | Alejandro U. Nieto-Patlán, PhD | Baylor College of Medicine |
| 5 | RECQL4 Mutation Is Associated with a Hematopoietic-cell-intrinsic Severe T Cell Deficiency and Is Amenable to Treatment with Unconditioned, Unmanipulated Hematopoietic Stem Cell Transplant | Alexandra E. Grier, MD PhD | Children's Hospital of Pennsylvania |
| 6 | Identification of TNFA-related Biomarkers in Patients and Carriers with Adenosine Deaminase 2 Deficiency (DADA2) | Alison L. Brittain, DO, PhD | Nationwide Children’s Hospital |
| 7 | Oral Pathology in STAT3DN Hyper IgE Syndrome | Amanda K. Urban, CRNP | Clinical Research Directorate, Frederick National Laboratory for Cancer Research |
| 8 | A Quantitative Approach for Identifying Health Disparities Driving Diagnostic and Treatment Delays in VEO-IBD | Amanda Salih, MD, MPH | Baylor College of Medicine/Texas Children's Hospital |
| 9 | Novel CARD14 Variant: A Case of Autoinflammatory Disorder in a 5-year-old with Therapeutic Insights | Amer Khojah, MD | Umm Al-Qura University |
| 10 | Enteropathy in Patients with Common Variable Immunodeficiency: A Dutch Cohort Study | Amir Abdelmoumen, MD | University Medical Center Utrecht, Center of Translational Immunology, Utrecht, The Netherlands |
| 11 | Novel Pathogenic MAGT1 Variant Identified in an Adult Patient with XMEN Disease | Anna Lang, MD, PhD | University of Washington |
| 12 | Integrative Characterization of the Neuroimmunological Interactions of Major Depressive Disorder and Its Intersection with COVID-19 | Anny S. Adri | Universidade de São Paulo |
| 13 | A Case of Eosinophilic Fasciitis Successfully Managed with Benralizumab in a Patient with Hypogammaglobulinemia and B-cell Aplasia | Arabelle Abellard, MD | Rush University Medical Center |

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| 14 | Good Syndrome: A Case of Bowel Perforation, Chronic Diarrhea and Clostridium Difficile Colitis Leading to Detection of a Thymoma | Arabelle Abellard, MD | Rush University Medical Center |
| 15 | Assessing MEFV Variant Pathogenicity by ASC-Specks Flow Detection | Blandine A. Monjarret, MSc | Centre de Recherche Azrieli du CHU Sainte-Justine |
| 16 | Expanded phenotypic presentations in CADINS disease associated with novel CARD11 dominant interfering variants that impact NF-kB and AP-1 signaling | Bradly M. Bauman, PhD | Department of Pharmacology & Molecular Therapeutics, Uniformed Services University of the Health Sciences |
| 17 | DHR-based Flow Cytometry Beyond CGD | Chaitanya Maddukuri, DO | Cleveland Clinic |
| 18 | Novel SAMD9 Variant Leading to MIRAGE Syndrome Treated with Subcutaneous Immunoglobulin: A Case Report | Christopher T. Peek, MD, PhD | Baylor College of Medicine |
| 19 | Patient with Adenosine Deaminase Severe Combined Immunodeficiency (ADA-SCID) and Glutaric Aciduria Type 1 (GA1) Successfully Treated with Delayed Hematopoietic Stem Cell Transplant (HSCT) | David M. Roth, MD, MSPH | UPMC Children's Hospital of Pediatrics |
| 20 | CMV-specific Adaptive Immune Response in U.S. Mennonite Patients with Hypomorphic RAG1 or RAG2 Mutations Presenting with Clinical Variability | David Potts, MSc | Department of Pediatrics, Division of Allergy & Immunology, University of South Florida |
| 21 | Diagnostic Approach in a Young Adult with RAG1 Variants Initially Diagnosed with Specific Antibody Deficiency and Bronchiectasis | David Potts, MSc | Department of Pediatrics, Division of Allergy & Immunology, University of South Florida |
| 22 | Diagnostic Approach to Complex Common Variable Immunodeficiency Patient with Phosphoinositide 3-kinase Catalytic Domain Variant of Uncertain Significance | Rahim Z. Miller, BS | University of South Florida |
| 23 | Autoimmune Lymphoproliferative Syndrome or Autoimmune Lymphoproliferative Syndrome-like? Why the Genetic Distinction Matters | Delena Nguyen, MD | University Hospitals Cleveland Medical Center |
| 24 | Case Study: IgG deficient patient receiving immune globulin intravenous, human-slra 10% demonstrates improvement in quality of life | Derek Blake, RN, BSN, IgCN | Soleo Health |
| 25 | Transient Severe T Cell Lymphopenia in a Patient with Cornelia De Lange Syndrome Captured by TREC Screening | Devyn L. Rohlfs RIvera, MD | Louisiana State University Health Science Center New Orleans |
| 26 | Neutralizing Interferon Lambda 1 Autoantibodies in a Pediatric Patient with Chronic Granulomatous Disease and Colitis | Elizabeth N. Karanja, BS | National Institutes of Health |

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| 27 | Human ITCH E3 Ubiquitin Protein Ligase (ITCH) Deficiency Syndrome Successfully Treated with Hematopoietic Cell Transplant (HCT) | Emily Neal | University of Pittsburgh School of Medicine |
| 28 | Prospective Identification of Inborn Errors of Immunity in a 104-patient Autoimmune Cytopenia Cohort | Emma Westermann-Clark, MD, MA | University of South Florida |
| 29 | Looking for ALPS: 10 Years Experience of a Combined Assessment of Serum FASL Levels and Circulating Double Negative T Cells at the CHU Sainte-justine | Fabien Touzot, MD, PhD | Université de Montréal |
| 30 | Increased dosage of elapegademase-lvlr improved metabolic and immunologic function in a patient with late-onset adenosine deaminase deficiency and neutralizing anti-drug antibodies | Fathima A. Mohamed, PhD | University of Minnesota Medical School |
| 31 | The Neuroimmune Signature Induced by HTLV Infections | Fernando Y N. Vale | Department of Clinical and Toxicological Analyses, University of São Paulo |
| 32 | A Case of Chronic Rhinosinusitis with Nasal Polyps in a Patient with a Single Heterozygous RNU4ATAC Pathogenic Variant | Gabrielle Robertson, MD | Division of Allergy & Immunology, Cohen Children's Medical Center/Long Island Jewish Medical Center |
| 33 | Spatial Mapping of Immune Cells in Barrier Tissues of Immunocompromised Patients Affected by Human Papillomavirus-related Disease | Glennys V. Reynoso | National Institutes of Health |
| 34 | Characterizing a Unique B-cell Precursor Population as a Potential Diagnostic Tool for WHIM Syndrome and APDS | Grace Blair, BS | USF Health Department of Pediatric Allergy and Immunology |
| 35 | Traversing Immunodeficiency Complexity: Profound Ureaplasma Infection in Agammaglobulinemia with TCF3 Mutation | Haggar Elbashir, MBBS, MRCP, MSc | Department of Allergy & Clinical Immunology, Lancashire Teaching Hospitals NHS Foundation Trust, Preston, United Kingdom |
| 36 | Evolving Clinical Presentation in an Infant with Thrombocytopenia: Insights from a Hispanic Male Baby with Wiskott-Aldrich Syndrome | Hanadys Ale, MD | Memorial Healthcare System |
| 37 | Phenotypic Differences in Monochorionic Diamniotic Twins with Chronic Granulomatous Disease | Hannah Shin, MD | University of California San Diego |
| 38 | Clinical and Immunologic Phenotype of Prolidase Deficiency | Iris Martin, BA | Laboratory of Clinical Immunology and Microbiology, National Institute of Allergy and Infectious Diseases, NIH |

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| 39 | PRF1-Related Isolated CNS Hemophagocytic Lymphohistiocytosis Successfully Treated with Ruxolitinib Monotherapy | Jamie Pruitt, DO | University of Michigan |
| 40 | Autoimmunity and Neoplasia in a Cohort of Adult Patients with Inborn Errors of Immunity and the Implications of Having a Positive Molecular Diagnosis | Javier Arroyo-Rodenas, MSc | 12 de Octubre University Hospital, Madrid, Spain; 12 de Octubre Research Institute (imas12), Madrid, Spain |
| 41 | Neurodevelopmental Outcomes (ND) in Patients with Severe Combined Immunodeficiency (SCID) Following Hematopoietic Cell Transplantation (HCT) in the Era of Newborn Screening. a PIDTC Study | Jennifer M. Puck, MD | University of California, San Francisco |
| 42 | Differentiating IPEX- like Syndrome from Other Causes of Autoimmune Enteropathy | Jenny Chen, MD | Duke University Medical Center |
| 43 | Biologic Use and Outcomes in CVID Enteropathy | John Hsi-en Ho, MD | Icahn School of Medicine at Mount Sinai |
| 44 | JAK1-selective inhibitor upadacitinib induced dynamic immunologic alterations and clinical response in treatment-resistant CVID gastrointestinal disease | John Hsi-en Ho, MD | Icahn School of Medicine at Mount Sinai |
| 45 | Relative Location of Prime-boost Immunization Determines Memory B Cell Fate | John S. Barber, MD | Duke University Hospital |
| 46 | Seronegative Autoimmune Hepatitis Complicated by Severe Aplastic Anemia | Jonathan Lim, DO | Cleveland Clinic Children's |
| 47 | Demyelinating CNS Disease: An Unusual Complication of XLA | Jose G. Calderon, MD | Nicklaus Children's Hospital |
| 48 | A Primary Neurological Presentation of CASP-8 Deficiency State | Karl Mueller, KM | Mayo Clinic |
| 49 | Identification of a Novel XIAP Pathogenic Variant Associated with XIAP Deficiency Presenting as VEOIBD | Katheryn Schloss, MD, MPH | UPMC |
| 50 | Hematopoietic Stem Cell Transplantation for Very Early Onset Inflammatory Bowel Disease Caused by IL10RA Deficiency – Preparation Is the Key to Success | Kavitha Ganesan, MD | Apollo hospitals , Chennai |
| 51 | Assessment and Characterization of Tbet+ B Cells in Various Inborn Errors of Immunity (IEIs) | Kranthi Nomula, MD | Division of Pediatric Allergy/Immunology, University of South Florida at Johns Hopkins All Children’s Hospital, St. Petersburg, FL, USA. |
| 52 | A Subtle Clinical Presentation of LAD1 Deficiency | Latoya Jeanpierre, MD | Children's Hospital of Philadelphia |
| 53 | A Peculiar Presentation: STAT3 Loss of Function with Recurrent Osteomyelitis and Review of the Literature | Laura Bou-Maroun, MD | University of Michigan |

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| 54 | Case of Mitochondrial Encephalomyopathy Secondary to COVID-19 in a Pediatric Case of SIFD Syndrome with a Novel TRNT1 Mutation | Madeline Schutt, MD | Ann & Robert H. Lurie Children's Hospital |
| 55 | Comprehensive Characterization of Innate and Adaptive Immune Profile of COVID-19 Early Convalescent Children | Magda Carneiro-Sampaio, MD, PhD | Faculdade de Medicina da USP/ CoBEII |
| 56 | Digeorge Syndrome with an Atypical Presentation: Lymphoproliferation and Malignancy | Magda Carneiro-Sampaio, MD, PhD | Faculdade de Medicina da USP/ CoBEII |
| 57 | Resolving Variants of Unknown Significance (VUS) in PIK3CD and PIK3R1 | Manish Butte, MD, PhD | UCLA |
| 58 | Ocrelizumab Induced B-cell Depletion in a Newborn Male | Maria A. Sacta, MD, PhD | Children's Hospital of Philadelphia |
| 59 | Characterization of CD4+ T lymphocytes in STAT3-DN hyper-IgE syndrome patients | Maria Carrabba, MD, PhD | Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico of Milan, Italy |
| 60 | Immune response after anti-SARS-CoV-2 mRNA repeated boosters vaccination in patients with Common Variable Immunodeficiency | Maria Carrabba, MD, PhD | Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico of Milan, Italy |
| 61 | The Challenges of Recognition and Diagnosis of APDS2 in a Family with Novel PIK3R1 Variant | Maria F. Villavicencio, MD | University of Kansas School of Medicine - Wichita |
| 62 | Expansion of Tbet+ T and B Cells in the Lung of Hypomorphic Rag1 Mice | Marta Toth, PhD | Department of Pediatrics, Division of Allergy & Immunology, University of South Florida |
| 63 | Age-associated Distribution of Th Subsets in Blood of Locid vs CVID Patients | Martin Perez-Andres, PhD | Department of Medicine, Cancer Research Centre (IBMCC, USAL-CSIC), Cytometry Service (NUCLEUS), University of Salamanca (USAL) |
| 64 | Celiac Disease in Selective IgA Deficiency Patients Is Associated with T-cell Defects | Martin Perez-Andres, PhD | Department of Medicine, Cancer Research Centre (IBMCC, USAL-CSIC), Cytometry Service (NUCLEUS), University of Salamanca (USAL) |
| 65 | Late Onset and Long Lasting Neutropenias: Preliminary Data on WES Analysis | Maurizio Miano, MD | Hematology Unit- IRCCS Istituto Giannina Gaslini. Genoa, Italy |
| 66 | Provider Perspectives of Long-term Follow-up Care of Patients with Severe Combined Immunodeficiency | Morna Dorsey, MD, MMSc | University of California, San Francisco |
| 67 | Incidental Diagnosis of NFKB2 Mutation in Patient with ACTH Deficiency and Low IgA | Navya Kartha, DO | Akron Children's Hospital |

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| 68 | Inherited Pomp-related Autoinflammation and Immune Dysregulation Disease Treated with Baricitinib Prior to Hematopoietic Stem Cell Transplant | Nicholas Hartog, MD | Corewell Health Allergy and Immunology |
| 69 | Thymus Hypoplasia in 22q11.2DS (DiGeorge): From Mechanism to Restoration | Nicolai van Oers, PhD | UT Southwestern Medical Center |
| 70 | Chronic Granulomatous Disease: A Clinical or a Molecular Diagnosis? | Nikhil Chowdary Peddi, MD | St Barnabas Hospital, SBH Health System |
| 71 | Patient with Trisomy 21 and Congenital Chylothorax with Secondary Hypogammaglobulinemia | Nikhil Chowdary Peddi, MD | St Barnabas Hospital, SBH Health System |
| 72 | A Quality Improvement Approach for Transition of Immunodeficiency Patients to Adult Healthcare | Nikita Raje, MBBS, MSc | Children's Mercy Kansas City |
| 73 | Off-label Treatment with the Selective PI3Kδ Inhibitor Leniolisib in 2 Pediatric Patients with Activated Phosphoinositide 3-kinase Delta Syndrome 2 (APDS2) | Olaf Neth, MD | Hospital Infantil Universitario Virgen del Rocio Instituto de Biomedicina de Sevilla (IBiS) |
| 74 | Exploring Molecular Landscapes and Immunological Dynamics in Glioblastoma: Insights from Oncolytic Virotherapy | Pedro M. Barcelos | Department of Clinical and Toxicological Analyses, University of São Paulo |
| 75 | Unique Presentation of Mycobacterium Haemophilum, Associated with T-cell Dysfunction After Nelarabine Administration | Pooja Kapadia, MD | Division of Allergy & Immunology, Cohen Children's Medical Center/Long Island Jewish Medical Center |
| 76 | Disseminated Cryptococcal Lymphadenitis in a Patient with stat1 Gain-of-function: Diagnostic and Therapeutic Challenges | Roberta Romano, MD | University of Naples Federico II, Translational medical sciences, Section of Pediatrics, Naples, Italy |
| 77 | Use of Ruxolitinib for Patients with Hyperinflammatory Syndromes - A Real-world Experience Pilot Study | Rohith Jesudas, MD | St. Jude Children’s Research Hospital |
| 78 | Novel Hypomorphic BTK Variant in X-linked Agammaglobulinemia of a Kindred | Ruth S. Cajuste, BS | USF Health Department of Pediatric Allergy and Immunology |
| 79 | SARS-CoV-2 Breakthrough Infection Increases the Adaptive Immune Responses of Vaccinated Immunosuppressed Children | Samuel Sassine, MD, MSc | Université de Montréal |
| 80 | From Pancytopenia to Hyperleukocytosis, an Unexpected Presentation of Immune Reconstitution Inflammatory Syndrome in an Infant with Methylmalonic Acidemia | Samuel Sassine, MD, MSc | Université de Montréal |
| 81 | Neutropenia and Myelodysplasia Without Syndromic Features in a 5-year-old Boy with Novel SAMD9 Variant | Sarah Chamseddine, MD | Boston Children's Hospital |
| 82 | Disseminated Histoplasmosis in an Adult with STAT1 Mutation | Sarah Nimri, MD | University of Iowa Hospitals and Clinics. |

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| 83 | Anti-IL12 autoantibodies in a teenage girl with multiple recurrent abscesses | Saul O. Lugo Reyes, MD, MS | National Institute of Pediatrics |
| 84 | Two siblings with autoinflammation and combined immunodeficiency due to autosomal recessive RNF31-loss of function | Saul O. Lugo Reyes, MD, MS | National Institute of Pediatrics |
| 85 | Complex Acquired Angioedema Case in a 46-year-old Emirati Female with a History of Breast Cancer | Shuayb Elkhalifa, MBBS, MRCP, FRCPath | Cleveland Clinic Abu Dhabi and University of Manchester |
| 86 | The Use of Tofacitinib and Upadacitinib in Very Early Onset IBD | Smridhi Mahajan, MD | University of Texas Southwestern Medical Center |
| 87 | Long Term Management of Transplanted Patients with Chronic Granulomatous Disease, Wiskott-aldrich Syndrome, and Primary Immune Regulatory Disorders: A PIDTC Survey | Stephanie Si Lim, MD, MBA | University of Hawaii Cancer Center |
| 88 | Helper T Cell Immunity in Humans with Inherited CD4 Deficiency | Stuart G Tangye, PhD | Garvan Institute |
| 89 | Mycobacteria Chelonae Panniculitis Presenting as Refractory Cellulitis in Patient with Hypogammaglobulinemia | Sushmitha Boppana, MD | Cleveland Clinic Akron General |
| 90 | Subtle Presentation of Fungal Disease in X-CGD | Talia Arceri, MD | Children's Hospital of Philadelphia |
| 91 | A Non-consanguineous Family with Hepatic Veno-occlusive Disease and Immunodeficiency | Thais Moura | University of Sao Paulo |
| 92 | Treatable Acute Neuroinflammatory Disease Associated with Complement Factor I Loss-of-function in the Plain Community | Whitney Reid, MD | Children's Hospital of Philadelphia |
| 93 | Otulin-related Conditions: Report of a New Case and Review of the Literature Using Genia | Xiao P. Peng, MD, PhD | Director of the Genetics of Blood and Immunity Clinic; Department of Genetic Medicine, Johns Hopkins University School of Medicine |
| 94 | Biallelic Splice Variants in NHEJ1 Deficiency Causing Primary Hematologic and Oncologic Manifestations: A Tale of Two Patients | Xiao P. Peng, MD, PhD | Director of the Genetics of Blood and Immunity Clinic; Department of Genetic Medicine, Johns Hopkins University School of Medicine |
| 95 | The Neuroimmunological Network in Cancer-induced HPV Infections | Yohan Lucas Gonçalves Corrêa | Universidade de São Paulo |
| 96 | Follow up of Cell-immune Response Using Covidcell DTH Skin Test in Kidney Transplanted Patients | Yvelise Barrios, MD, PhD | Universidad de La Laguna |