FRIDAY POSTER PRESENTATIONS

Poster Number	Poster Title	Poster Presenter	Organization
1	Survival and Clinical Outcomes of XLA Patients 55 Years or Older	Aaron T. Chin, MD	UCLA
2	Immunizing Impaired Immunity: Viral Vaccination Rates in CVID	Alex M. Wonnaparhown, MD	Mayo Clinic Arizona
3	STAT3 Dominant Negative Disease: NIH Cohort	Alexandra F. Freeman, MD	Laboratory of Clinical Immunology and Microbiology, National Institute of Allergy and Infectious Diseases, NIH
4	Abatacept in the Treatment of Common Variable Immunodeficiency with Cytotoxic T Lymphocyte antigen-4 Haploinsufficiency in Patient with Comorbid Systemic Lupus Erythematosus	Alexis Holman, MD, JD	University of Michigan
5	APDS Patients with Immune Complex Vasculitis and Resolution with Leniolisib	Ali Doroudchi, MD	Division of Immunology, Allergy, and Rheumatology, Department of Pediatrics, University of California Los Angeles
6	Multidisciplinary Patient Centered Approach to Holistic Care for Adult Immunodeficiencies in Alberta	Alyssa Alger, MN, NP FAA	Alberta Health Services
7	Selective IgA Deficiency in a Patient with Susac Syndrome	Amal Musa, MD	University of Nebraska Medical Center
8	A Case Report Description of a Patient with CVID and Granulomatous Interstitial Nephritis	Amanda Salih, MD, MPH	Baylor College of Medicine/Texas Children's Hospital
9	Fatal CMV Infection in a 2-month-old Infant with STAT1 Loss of Function Mutation	Amer Khojah, MD	Umm Al-Qura University
10	Novel Hexokinase 1 Genetic Mutation Presenting with Recurrent Fever and Developmental Delay: Possible Insight on the Role of Glucose Metabolism Dysregulation and Autoinflammation	Amer Khojah, MD	Umm Al-Qura University
11	Recurrent Parotitis as a Presenting Symptom of Common Variable Immunodeficiency (CVID): A Case Report	Amy L. Whillock, MD, PhD	University of Minnesota
12	Expanding the Phenotype of BCL11B Variants: A Novel Canadian Case Series	Andrew Wong-Pack, MD	McMaster University
13	Single-cell DNA Sequencing for Transgene Copy Number in Gene Therapy for Artemis-deficient Severe Combined Immunodeficiency	Anna Vardapetyan, BA	University of California, Berkeley

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14	LRBA Dysfunction: A New Diagnostic Entity Caused by Biallelic LRBA Missense Variants Results in Reduced CTLA-4 Expression and Autoimmunity	Ashish Marwaha, BMBCh, PhD	University of Calgary
15	Long-term Medical Management of Patients with Chronic Granulomatous Disease, Wiskott-aldrich Syndrome, and Primary Immune Regulatory Disorders: A Primary Immune Deficiency Treatment Consortium Survey	Avni Joshi, MD, MS	University of Pittsburgh UPMC Children's Hospital
16	Diagnostic Utility of the Whole Blood Transcriptome and Mucosal Microbiome Alterations in Patients with Primary Immunodeficiency	Ben G. Cocks, PhD	Immunosis/La Trobe University
17	Rituximab Responsive Immune Dysregulation in Pediatric Common Variable Immunodeficiency	Benjamin Stewart-Bates, DO	Duke University
18	Heterozygous Loss-of-function Variant in IKBKB Presenting with Streptococcus Pneumoniae Meningitis and bacteremia	Bridget E. Wilson, MD	Mayo Clinic Arizona/ Phoenix Children's
19	Young Children with Recurrent Infection and Allergic Background Have Inadequate Baseline pneumococcal Antibodies	Charles Hee Song, MD	Harbor-UCLA
20	A Novel Variant in TNFAIP3 Causes A20 Haploinsufficiency	Daniel L. Rosenberg, MD	University of Wisconsin-Madison
21	An Educational Outreach to Identify Racial and Ethnic Disparity Awareness in Immunodeficiency Patient Care	Daniel V. DiGiacomo, MD	Hackensack Meridian Health
22	Creation of a Multi-institutional, Prospective Cohort of Individuals with Inborn Errors of Immunity	Daniel V. DiGiacomo, MD	Hackensack Meridian Health
23	A Novel card9-deficiency Mouse Model Recapitulates Chronic CNS Candidiasis and Identifies Defective Monocytic-cell Responses in Immunopathogenesis	Donald C. Vinh, MD, FCIS	McGill University Health Centre
24	An Observational Cohort Study to Evaluate the Efficacy and Safety of Allogeneic Processed Thymus Tissue-agdc Post-fda Approval: The Congenital Athymia Patient Registry	Elizabeth A. McCarthy, RN, MSN	Duke University School of Medicine
25	Rare Skin Phenotype in ADA-deficient SCID, Dermatofibrosarcoma Protuberans	Elizabeth K. Garabedian, MSLS, RN	NIH-NHGRI
26	Pharmacokinetics, Efficacy, and Safety of Weekly/biweekly Dosing of Xembify® in Treatment-experienced Patients, and Loading/maintenance Dosing in Treatment-naïve Patients with Primary Immunodeficiency	Elsa Mondou, MD	Grifols

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27	Clinical and Genetic Findings of >5,300 Individuals Tested via the Navigateapds Sponsored Genetic Testing Program	Emily Campbell, MD	Medical University of South Carolina
28	Clinical and Functional Assessment of a Novel PIK3R1 Variant in a Patient with Immunodeficiency	Frank J. Lichtenberger, MD, PhD	Piedmont Healthcare
29	High Proportion of Vitamin C Deficiency "Scurvy," in Immunodeficiency Population	Frank J. Lichtenberger, MD, PhD	Piedmont Healthcare
30	Phenotypic Variability of Circulating Natural Killer Cells in Healthy Donors	Gaurav Kumar, PhD	Teva Pharmaceuticals
31	Polymicrobial Necrotizing Pneumonia in a 3-year-old Child with Near-absent Pneumococcal Antibody and Mitogen Interferon-γ Responses	Gitanjali Rebello, MD	University at Buffalo, State University of New York, and Oishei Children's Hospital, Kaleida Health
32	Genome Sequencing Identifies Unexpected Diagnosis for a Toddler with Persistent Infection	Halyn R. Orellana, BS	National Institutes of Health, National Institute of Allergy and Infectious Diseases
33	Assessing Hyaluronidase-facilitated Subcutaneous Immunoglobulin 20% (fSCIG 20%) Pharmacokinetics, Safety and Tolerability in Primary Immunodeficiency Diseases: Phase 2/3 Study Design	Helen Leavis, MD, PhD	University Medical Center Utrecht, Department of Rheumatology & Clinical Immunology, Utrecht, Netherlands
34	Diagnostic Yield of Targeted Gene Panels in Evaluation of Suspected Immunodeficiency – the Mayo Clinic Experience	Jacqueline Squire, MD	Mayo Clinic Florida
35	Emergence of γδ+ T-cell Acute Leukemia Following Hematopoietic Stem Cell Transplant in a Patient with Nijmegen Breakage Syndrome	Jane Cai	Children's Hospital of Philadelphia
36	A Case of Lamotrigine-induced Lymphadenopathy	Jessica Galant-Swafford, MD	National Jewish Health
37	Reconstitution of Norovirus-specific T Cell Responses Following Hematopoetic Stem Cell Transplantation in Patients with Inborn Errors of Immunity and Chronic Norovirus Infection	Jessica R. Durkee-Shock, MD, MHSc	Laboratory of Infectious Diseases, National Institute of Allergy and Infectious Diseases, NIH
38	Infusion Reactions to Adeno-associated Virus (AAV)-based Gene Therapy: Mechanisms, Diagnostics, Treatment and Review of the Literature	Jesus C. Catahay, MD	Saint Peter's University Hospital
39	Unveiling a Hiccup's mishap: a Rare Case of Neuromyelitis Optica	Jesus C. Catahay, MD	Saint Peter's University Hospital

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40	Hypogammaglobulinemia, Lymphocytopenia and Recurrent Septicemia in Schimke Immuno-osseous Dysplasia : A Case Report	Joselyn Ye Tay	Nicklaus Children's Hospital
41	Severe Cardiac Tamponade in an Unusual Case of CTLA-4 Haploinsufficiency	Karla L. Boufleur, MD	University of São Paulo
42	Early-onset Common Variable Immunodeficiency in a Patient with Heterozygous Variants in Interferon Response-associated Genes TRAF3 and IRF4	Kim My Le, MSc	Translational Immunology Program, University of Helsinki, Helsinki, Finland
43	Impact of Plasma Collection Date on Antibodies to SARS-CoV-2 in Intravenous Immunoglobulin	Martyn R. Paddick	Kedrion Biopharma
44	A Rare Clinical Entity: Pediatric Myelofibrosis Associated with Agammaglobulinemia and Vasculitis	Matthew Farley, MD	Mayo Clinic Arizona and Phoenix Children's Hospital
45	Bone Marrow Damage in Patients with Adenosine Deaminase 2 Deficiency	Maurizio Miano, MD	Hematology Unit- IRCCS Istituto Giannina Gaslini. Genoa, Italy
46	Infection Risk in a Cohort of Patients with Autoimmune Cytopenias and Primary Immuno-regulatory Disorders Treated with Mycophenolate Mofetil and Sirolimus	Maurizio Miano, MD	Hematology Unit- IRCCS Istituto Giannina Gaslini. Genoa, Italy
47	Severe Combined Immunodeficiency Due to a Monoallelic ITPR3 Variant Presenting with Lymphohistiocytosis and Bone Marrow Failure Treated with Myeloablative Hematopoietic Cell Transplantation	Megan E. Zavorka Thomas, PhD	Nationwide Children's Hospital
48	Practical Considerations Regarding the Immune Dysregulation and Immunodeficiency in Down Syndrome	Melissa Gans, MD	University of Miami/Jackson Memorial Hospital
49	Pre-transplant Decision-making Among Patients with Cartilage-hair Hypoplasia	Merve Nida Gokbak	Acibadem University School of Medicine
50	Safety and Feasibility of the Use of Dual Cardiac-thymus Transplant in a Child with Cardiac Failure Requiring Heart Transplant	Michael A. Phillips, MD	Duke University
51	Successful Treatment of Immune-mediated Sensorineural Hearing Loss with Oral Calcineurin Inhibitors and Intravenous Immunoglobulin	Michelle J. Park	Johns Hopkins Dept. of Allergy & Clinical Immunology
52	Assessment of TREC-based NBS SCID Reporting Practices for Harmonization of Results and Interpretation: A Global Survey	Monica Lawrence, MD	University of Virginia

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53	Multi-year Registry Study of Elapegademase-lvlr Treatment in Patients with Adenosine Deaminase Severe Combined Immunodeficiency (ADA-SCID) Requiring Enzyme Replacement Therapy (ERT)	Morna Dorsey, MD, MMSc	University of California, San Francisco
54	A Patient with a Complete STAT1 Deletion with Lymphopenia and Elevated Double Negative T Cells	Nadia Makkoukdji, MD	University of Miami/Jackson Memorial Hospital
55	Development and Implementation of the TRIO Health Activated Phosphoinositide 3-kinase Delta Syndrome Characterization and Clinical Outcomes Immunologic Registry (APDS-CHOIR)	Nicholas Hartog, MD	Corewell Health Allergy and Immunology
56	Real-world Evaluation of Healthcare Utilization in Patients with a Positive Molecular Diagnosis for Inborn Errors of Immunity	Nicholas Rider, DO	Virginia Tech Carilion School of Medicine
57	Specifications of ACMG/AMP Variant Curation Guidelines for the Analysis of FOXN1 Sequence Variants: Recommendations by Clingen's Severe Combined Immunodeficiency Disease Variant Curation Expert Panel	Nicolai van Oers, PhD	UT Southwestern Medical Center
58	A 2-year-old Male with Humoral Deficiency and BACH2 Variant	Nipat Chuleerarux, MD	University of Miami/Jackson Memorial Hospital
59	Silent Suspects: drivers of Invasive Pneumococcal Diseases	Phillip J.. Link, MD	Mayo Clinic
60	Receiving a Diagnosis Improves Patient Reported Health Among Children with Inborn Errors of Immunity	Rebekah Elizabeth. Johnson, OMSII	LUCOM
61	Expanding the Phenotypic Spectrum of POP1 Mutations: Identifying a Child with Immunodeficiency and Hypereosinophilia	Rifat Rahman, MD	Columbia University Irving Medical Center, New York, NY, USA
62	Hyper IgE Cases with Novel Genotypes and Phenotypes: How Different Do They Present?	Roya Sherkat, MD	Immunodeficiency Diseases Research Center, Isfahan University of Medical Sciences, Isfahan, Iran
63	Interferon Signalization in Children with Juvenile Scleroderma	Sara S. Kilic	Uludag University Medical Faculty
64	A NOVEL BNLK MUTATION Presenting with HEPATOPATHY and RICKETS	Sara S. Kilic	Uludag University Medical Faculty
65	Time to Diagnosis Matters: Patients with IEI Display Improved Health Status When Diagnosed Early	Sarina Nikzad, OMSII	LUCOM

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66	Overcoming Medical and Socioeconomic Barriers for Gene Therapy-assisted HSCT Following Prompt Recognition of an Artemis-SCID Infant	Sathi Wijeyesinghe, MD, PhD	Baylor College of Medicine
67	A Role for Immunoglobulin Replacement Therapy in Cystic Fibrosis: A Case Report	Sathya Areti, MD	Case Western UH/Rainbow Babies & Children's
68	Beyond IgG Levels: Assessing Pneumococcal Vaccine Response with Multiplexed Opsonophagocytosis Assay	Shifaa Alkotob, MD	Baylor College of Medicine/Texas Children's Hospital
69	Liver Transplant as Definitive Therapy for Immune Defects Associated with Congenital Disorder of Glycosylation Type 1 B	Shifaa Alkotob, MD	Baylor College of Medicine/Texas Children's Hospital
70	Development of the Canadian Inborn Errors of Immunity National Registry (CIEINR)	Tatiana Kalashnikova, MD, PhD	University of Calgary
71	Newborn Screening for Severe Combined Immune Deficiency: The Canadian Landscape	Tatiana Kalashnikova, MD, PhD	University of Calgary
72	The Development of a Cost-effective and Accurate Screening Method for Diagnosing CD3δ Severe Combined Immune Deficiency	Tatiana Kalashnikova, MD, PhD	University of Calgary
73	Phase 3 Trial of an Oral CXCR4 Antagonist, Mavorixafor, for Treatment of Patients with WHIM Syndrome: Preliminary Results from Ongoing Open-label Extension Period of Continuous Mavorixafor Treatment	Teresa K. Tarrant, MD	Division of Rheumatology and Immunology, Department of Medicine, Duke University, Durham, NC, USA
74	Abnormal TRECs and Transient Lymphopenia Associated with Twin Anemia Polycythemia Sequence	Tianyu Bai, MD	Division of Allergy & Immunology, Cohen Children's Medical Center/Long Island Jewish Medical Center
75	Adult-onset Severe Combined Immune Deficiency in a Patient with Cartilage-hair Hypoplasia	Tianyu Bai, MD	Division of Allergy & Immunology, Cohen Children's Medical Center/Long Island Jewish Medical Center
76	Utilizing an Ethical Lens to Assess a Series of Patients with X-linked CGD Who Did Not Undergo Hematopoietic Stem Cell Transplant	Timothy M. Buckey, MD, MBE	University of Pennsylvania
77	Determining the Immunodeficiency in Patients with Down Syndrome at the University of Miami and Jackson Memorial Health Systems	Travis A. Satnarine, MD	University of Miami/ Jackson Health System

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78	Cytokine Panel Testing in Patients with Granulomatous-lymphocytic Interstitial Lung Disease (GLILD) Associated with Common Variable Immunodeficiency (CVID)	Valerie Jaroenpuntaruk, MD	Mayo Clinic
79	Misdiagnosis of an Infant with Incontinentia Pigmenti and Importance of Immunological Evaluation	Valishti A. Pundit, MD	University of Miami/Jackson Health Systems
80	A Case of CGD Colitis: Sparing Steroids and Colectomy	Victoria Nguyen, DO	The Ohio State University/Nationwide Children's Hospital
81	Maternal and Neonate Outcomes Following Exposure to Hyaluronidase-facilitated Subcutaneous Immunoglobulin 10% During Pregnancy: A Retrospective Case Series Based on US Claims Data	William Spalding, MS	Takeda Development Center Americas, Inc.,
82	Tracking Uncertainty in Germline Genetic Testing for Inborn Errors of Immunity: Sources, Attributes, and Resolution of Variants of Uncertain Significance in over 44,000 Individuals	Yi-Lee Ting, MS	Invitae Corporation
83	Navigating the Gray Area: Borderline Hemophagocytic Lymphohistiocytosis Criteria and Dilemmas in Diagnosis and Treatment – a Case Report	Zachary Gazze, MD	CWRU/UH