

Trivikram Dasu, PhD, D(ABMLI)**Home**

Loveland, OH 45140

<https://www.linkedin.com/pub/vikram-dasu-phd/6/858/b09><https://www.ncbi.nlm.nih.gov/pubmed/?term=dasu+t>**Work**Amazon Devices - Advanced Manufacturing
STS Lab 2, LLC3521 Point Pleasant Road, Hebron, KY 41048
trivikrd@amazon.com**SUMMARY**

Highly-skilled leader in medical and public health laboratory diagnostics with two decades of experience in Laboratory Medicine. Subject matter expert in various clinical and environmental tests with automation, high throughput, scalable solutions for better turnaround times and disrupt industry. Clinic/Hospital – Diagnostics liaison for improved patient-Healthcare Provider experience.

EDUCATION/TRAINING

Laboratory Director Certificate of Qualification – Bacteriology 2022 – present

Laboratory Director Certificate of Qualification – Virology 2020 – present

New York State Department of Health, NY

Diplomate of the American Board of Medical Laboratory Immunologists (ABMLI) 2015 – present

American Society for Microbiology (ASM), Washington, DC

Clinical Immunology Laboratory fellowship (2008)

Program: Accredited by the *Committee on Postgraduate Education Programs (CPEP)*,
American Society for Microbiology (ASM)

University: Chicago Medical School at the Rosalind Franklin University of Medicine & Science, N Chicago, IL
Ann & Robert H. Lurie Children's Hospital of Chicago (formerly Children's Memorial Hospital),
Northwestern University, Chicago, IL
Evanston Hospital, Northshore University Health System, Evanston, IL

Doctor of Philosophy (2006)

Thesis Title: Molecular basis of B cell receptor unresponsiveness of murine B-1 B lymphocytes

Department: Microbiology, Immunology & Molecular Genetics, College of Medicine

University: University of Kentucky, Lexington, KY

Post-Graduate Diploma in Medical Laboratory Technology (1997)

Department: Medical Microbiology, Clinical Chemistry, Pathology,
Immuno-Hematology and Transfusion Medicine

University: Nizam's Institute of Medical Sciences, Hyderabad, India

Bachelor of Sciences (1995)

Major: Botany, Zoology, Chemistry

University: Nizam College, Osmania University, Hyderabad, India

PROFESSIONAL EXPERIENCE**Medical Laboratory Director (2022 – present)**

Department: Medical Devices & Services

Organization: Amazon, Hebron, KY

- Lead day-to-day clinical lab operation including, but not limited, to staffing, developing, and running assays across multiple diagnostic areas, in compliance with applicable regulatory guidelines.
- Support ongoing medical device R&D activities, validation and regulatory submission.
- Develop and adhere to applicable SOPs for the development, qualification and validation of new clinical assays to support AM device programs
- Responsible for data collection and analysis in compliance with applicable regulatory requirements and timely and efficient delivery of all data
- Interface with cross-functional team include but not limited to engineer, business, quality and supply chain, in identifying and investigating test requirements
- Ability to communicate with high-level decision makers in the organization. Personal adaptability and ability to lead change
- Provide technical input and lead trouble-shooting efforts for technical issues identified in the lab
- Provide operational input and recommendations into all study related documentation (including protocol, lab manual) and processes, and ensure collection, delivery and analysis of bio-specimen in compliance with these documents as well as GCP/ICH
- Ensure the work and tests performed in the KY clinical lab follow applicable regulatory requirements (CLIA, FDA...)
- Ensure proper documentation development and maintenance in compliance with external and internal requirements
- Communicate process and issues with internal stake-holders in a timely and efficient manner

- Communicate effectively with accrediting, licensing, and regulatory bodies and maintain effective communication with the local board of directors of the institutional administration
- Assist in the interpretation and correlation of laboratory data for patient management
- Develop and validate clinical assays under guidance/ regulations for clinical trial use, regulatory submission and other purposes
- Develop new assays/methodologies, collaborate with other experts in the field and outreach programs

Medical Laboratory Director

(2020 – 2022)

Department: Diagnostic Laboratories
 Organization: Amazon, Hebron, KY

Achievements

- Accountable for over 3 million laboratory-based COVID-19 testing for Amazon associates by mandatory/voluntary needs and customers by Direct-to-consumer (DTC) or prescription-based in the United States
- Conducted over 120 interviews in less than 18 months of hire for local, national and international business needs
- Consulted on risk analysis, labor planning, sourcing, procurement, supply chain, transportation, information systems, mandatory reporting to health agencies, audits for Amazon labs in Hebron, KY; Seattle, WA; San Jose, CA; Manchester, United Kingdom
- Directly responsible individual to liaise with Amazon Dx legal on FDA regulatory filings and obtained Emergency Use Authorization (EUA) for four unique products in the first year of standing up the laboratory
- Instituted Continuing Education Series for laboratory associates to keep current with industry
- Key leader to serve as single source of truth for Sev.2 incidents and Correction of Errors
- Established biorepository of thousands crucial samples for future R&D efforts; Subject Matter Expert (SME) in Biorepository Accreditation Program
- Single threaded owner to attain full accreditation of the laboratory by the Clinical Laboratory Improvements and Amendments (CLIA), College of American Pathologists (CAP), CAP ISO:15189, New York State Department of Health and other State-specific requirements with zero deficiencies/defects

Adjunct Associate Professor

(2021 - present)

Department: Academic Medical Education
 Organization: University of Kentucky College of Medicine – Northern Kentucky Campus, KY

- Site Director, MD810, Foundations of Infection, Disease & Therapeutics (2021 – present)
- Member, Multiple Choice Assessment Review Group (2023 – present)
- Member, Admissions Advisory Committee (2023 - present)

Clinical Associate Professor (2019 – 2020)

Department: Biomedical Sciences, College of Health Sciences
 Organization: University of Wisconsin-Milwaukee, WI

Public Health Deputy Laboratory Director (2017 – 2020)

Department: Health
 Organization: City of Milwaukee, WI

Technical Director, Microbiology, Serology & Molecular Biology (2016 –2017)

Department: Wheaton Franciscan Laboratories (part of Ascension)
 Organization: St. Francis Hospital, Milwaukee, WI

Administrative & Technical Director (2008 – 2015)

Clinical Immunodiagnostic & Research Lab; Allergy Immunology Diagnostic Lab Center
 Department: Pediatrics – Asthma, Allergy & Clinical Immunology
 University: Medical College of Wisconsin, Milwaukee, WI

CLIA Laboratory Director (Consultant)

2015 – present

Chief Lab Investigator (1997-2000)

Employer: Institute of Transfusion Medicine & Research, Hyderabad, India

Mentorship

- Train personnel from Karolinska Institutet, Sweden and Sao Paulo University, Brazil in newborn screening for SCID
- Clinical Immunology Laboratory rotation of 1 CPEP fellow, MCW, Milwaukee, WI (2015)
- Allergy/Immunology rotation of 1 hospitalist, Internal Medicine, FMH, Milwaukee, WI (2014)
- Allergy/Immunology rotation of 7 residents, Internal Medicine, FMH, Milwaukee, WI (2008-2014)
- Multi-disciplinary approach to Allergy/Clin Immunol selective of 1 med student, MCW, Milwaukee, WI (2014)
- Research elective rotation of 1 neonatology fellow, Pediatrics, CHW, Milwaukee, WI (2012)
- Allergy/Immunology selective of 1 medical student, MCW, Milwaukee, WI (2012)

- Research elective rotation of 1 endocrinology fellow, Pediatrics, CHW, Milwaukee, WI (2011)
- Research elective rotation of 1 critical care fellow, Pediatrics, CHW, Milwaukee, WI (2009)
- Summer program for undergraduate research of 1 student, CIRL, MCW, Milwaukee, WI (2009)
- Summer research fellowship of 1 MD student, Diagnostic Immunology Lab, CMH, Chicago, IL (2007)
- Research fellowship of 2 MD students, Clinical Immunology, RFUMS, N Chicago, IL (2006-07)
- Rotation of 1 PhD student, laboratory of Dr. Subbarao Bondada, Univ of KY, Lexington, KY (2005)

Teaching experience

- Institute Continuing Education (CE) sessions to Amazon Dx laboratory personnel (2020-2022)
- Didactic sessions to interns at City of Milwaukee Public Health Laboratories (2017-2020)
- Developed rotation curriculum for Clinical Immunology Laboratory fellowship through the Committee on Post-Graduate Education Programs [American Society for Microbiology] (2015)
- Designed curriculum for clinical laboratory rotations for Senior Medical Students Selective, “A multi-disciplinary approach to Allergy & Clinical Immunology”, MCW, Milwaukee, WI (2010 – 2015)
- Participated in “Immunology Review” for Fellows-in-training, Pediatric Asthma, Allergy & Clinical Immunology, CHW, Milwaukee, WI (2008 – 2015)
- Presented Educational seminars for Medical Technologists at the Diagnostic Immunology Lab, CMH, Chicago, IL (2007-2008)
- Conducted hands-on training for Clinical Lab Sciences students, Clinical Immunology Lab rotation, RFUMS, N Chicago, IL (2006-2008)
- Lectured on Advanced Immunology for 2nd yr. PhD, MD/PhD students, Dept. of Micro & Immunol., RFUMS, N Chicago, IL (2006)
- Served as Teaching Assistant for lab course, “Immunity, Infection & Disease”, a class of 100 2nd yr. med students, MIMG, UK, Lexington, KY (2004)

PUBLICATIONS

Peer-Reviewed Publications

- Koralur M, *et al.* **Evaluation of a laboratory-developed multiplex real-time PCR assay for diagnosis of syphilis, herpes and chancroid genital ulcers in four public health laboratories in the USA**
Sex Transm Infect. 2021 Dec 6
- Goryoka G, *et al.* **One Health investigation of SARS-CoV-2 infection and seropositivity among pets in households with confirmed human COVID-19 cases – Utah and Wisconsin, 2020**
Viruses. 2021 Sep 12;13(9):1813
- Reses HE, *et al.* **Performance of existing and novel surveillance case definitions for COVID-19 in household contacts of PCR-confirmed COVID-19**
BMC Public Health. 2021 Sep 25;21(1):1747
- Owusu D, *et al.* **Persistent SARS-CoV-2 RNA shedding without evidence of infectiousness: A cohort study of individuals with COVID-19**
J Infect Dis. 2021 Oct 28;224(8):1362-1371
- Lewis NM, *et al.* **Household transmission of SARS-CoV-2 in the United States**
Clin Infect Dis. 2021 Oct 5;(7):1805-1813
- Moreno GK, *et al.* **Revealing fine-scale spatiotemporal differences in SARS-CoV-2 introduction and spread**
Nat Commun. 2020 Nov 3;11(91):5558
- Laws RL, *et al.* **Symptoms and transmission patterns of SARS-CoV-2 among children – Utah and Wisconsin, March-May 2020**
Pediatrics. 2021 Jan;147(1)
- Salvatore PP, *et al.* **Epidemiological correlates of PCR cycle threshold values in the detection of SARS-CoV-2**
Clin Infect Dis. 2021 Jun 1;72(11)
- Yousaf AR, *et al.* **A prospective cohort study in non-hospitalized household contacts with SARS-CoV-2 infection: symptom profiles and symptom change over time**
Clin Infect Dis. 2021 Oct 5;73(7):31841-e1849
- Moreno GK, *et al.* **Distinct patterns of SARS-CoV-2 transmission in two nearby communities in Wisconsin, USA**
medRxiv. 2020 Jul 10

- Dawson P, *et al.* **Loss of taste and smell as distinguishing symptoms among individuals diagnosed with COVID-19**
Clin Infect Dis. 2021 Feb 16;72(4):682-685
- Levy H, *et al.* **Identification of molecular signatures of cystic fibrosis disease status using plasma-based functional genomics**
Physiol Genomics. 2019. Jan 1;51(1):27-41.
- Milner JD, *et al.* **Early-onset lymphoproliferation and autoimmunity caused by germline STAT3 mutations**
Blood. 2015. Jan 22; 125 (4):591-599.
- Farough S, *et al.* **Coenzyme Q₁₀ and Immunity: A case report and new implications for treatment of recurrent infections**
Clin Immunol. 2014 Dec;155(2): 209-212.
- Kwan A, *et al.* **Newborn screening for Severe Combined Immunodeficiency in 11 screening programs in the United States**
JAMA 2014;312(7):729-738.
- Locke BA, *et al.* **Laboratory Diagnosis of Primary Immunodeficiencies**
Clin Rev Allergy Immunol. 2014. Apr; 46(2):154-168.
- Vasudev M, *et al.* **Expression of high-affinity IgE receptor on human peripheral blood dendritic cells in children**
PLoS One. 2012. 7(2): e32556.
- Verbsky JW, *et al.* **Newborn Screening for Severe Combined Immunodeficiency: The Wisconsin Experience (2008-2011)**
J Clin Immunol. 2012. Feb; 32(1):82-8.
- Worthey EA, *et al.* **Making a definite diagnosis: Successful clinical use of whole exome sequencing in identifying a new genetic etiology for inflammatory bowel disease**
Genet Med. 2011. Mar; 13(3):255-62.
- Dasu T, *et al.* **CD19 signaling is impaired in murine peritoneal and splenic B-1 B lymphocytes**
Mol Immunol. 2009. Aug; 46(13): 2655-2665.
- Gururajan M, *et al.* **Early Growth Response genes regulate B cell development, proliferation and immune response**
J Immunol. 2008. Oct 1; 181(7):4590-602.
- Dasu T, *et al.* **CD5 plays an inhibitory role in the suppressive function of murine CD4⁺ CD25⁺ T_{reg} cells**
Immunol Lett. 2008. Aug 15; 119(1-2):103-13.
- Gururajan M, *et al.* **Spleen Tyrosine Kinase (Syk), a novel target of Curcumin, is required for B lymphoma growth**
J Immunol. 2007. Jan 1; 178(1):111-21.

Invited Reviews

- Khubbar M *et al.*
Milwaukee strengthens surveillance and response to drug resistant *Neisseria gonorrhoeae*
Lab Matters. Association of Public Health Laboratories (APHL), Summer 2020
- Amsterdam L *et al.*
Strengthening United States Response to Resistant Gonorrhea in Wisconsin
Lab Matters. Association of Public Health Laboratories (APHL), Spring 2020
- Verbsky, JW and Dasu, T 2010 – 2016
Flow cytometry for the diagnosis of Primary Immunodeficiencies
In: *UpToDate*, Basow, DS (Ed), UpToDate Inc., Waltham, MA, 2015
- Dasu, T
ICCS Seattle Plenary Session I: Editorial on Immune monitoring
International Clinical Cytometry Society. E-Newsletter Vol. V, No. 4, Fall 2014
- Dasu, T
Combined primary immune deficiency: diagnosis by clinical flow cytometry
Med Lab Obs. 2015 Feb;47(2):18-20
- Figures on Flow Cytometry for diagnosis of Primary Immune Deficiency Disorders

Review for the Allergy and Immunology Boards

American College of Allergy, Asthma and Immunology (ACAAI), 2013, 2nd Edition

- Contributor

H42: Enumeration of immunologically defined cell populations by Flow Cytometry, 3rd edition

Clinical and Laboratory Standards Institute (CLSI), 3rd ed. 2025

CD40-A3: Principles and Procedures for Determination of Lead Concentrations in Blood and Urine, 3rd edition

Clinical and Laboratory Standards Institute (CLSI), 3rd ed. 2022

M54-Ed2: Principles and Procedures for Detection and Culture of Fungi in Clinical Specimens; CLSI Guideline

Clinical and Laboratory Standards Institute (CLSI), 2nd ed. January 2021

QMS16: Laboratory Personnel Management; CLSI Guideline

Clinical and Laboratory Standards Institute (CLSI), 1st ed. September 2015, Vol.33 No.4

NBS06-A: Newborn Blood Spot Screening for Severe Combined Immunodeficiency by measurement of T-cell Receptor Excision Circles; Approved Guideline

Clinical and Laboratory Standards Institute (CLSI), April 2013, Vol.33 No.4

Abstracts

1 at National Coalition of STD Directors (NCSD)	2020
1 at STD Prevention Conference	2020
1 at International AIDS Society (IAS)	2020
4 at Association of Public Health Laboratories (APHL)	2019 – 2020
1 at American College of Rheumatology (ACR)	2014
3 at Primary Immune Deficiency Treatment Consortium (PITDC)	2013 – 2015
1 at Children’s Research Institute (CRI)	2013
2 at Pediatric Academic Societies (PAS)	2012 – 2015
5 at Jeffrey Modell Foundation (JMF)	2012
6 at Clinical Immunology Society (CIS)	2011 – 2014
4 at American Academy of Allergy, Asthma & Immunology (AAAAI)	2011 – 2013
2 at American College of Allergy, Asthma and Immunology (ACAAI)	2011 – 2012
2 at Great Lakes International Imaging and Flow Cytometry Association (GLIIFCA)	2011 – 2012
1 at Association of Public Health Laboratories (APHL)	2011
1 at International Clinical Cytometry Society (ICCS)	2010
1 at Blood Research Institute (BRI)	2009
3 at Federation of Clinical Immunology Societies (FOCIS)	2008 – 2010
10 at Association of Medical Laboratory Immunologists (AMLI)	2007 – 2020
1 at American Association of Immunologists (AAI)	2006
1 at Federation of American Societies for Experimental Biology (FASEB)	2005
4 at Autumn Immunology Conference (AIC)	2004 – 2007

PROFESSIONAL MEMBERSHIP

Association of Public Health Laboratories (APHL)	2018 – 2020
Clinical Laboratory Standards Institute (CLSI)	2013 – 2015
Federation of Clinical Immunology Societies (FOCIS)	2013 – 2015
Clinical Immunology Society (CIS)	2009 – 2015
International Clinical Cytometry Society (ICCS)	2009 – 2015
Association of Medical Laboratory Immunologists (AMLI)	2007 – present

EXHIBITOR

<i>City of Milwaukee Health Department</i>	
2 at Back to School Health Fair	2019
1 at Anthem BCBS Be Active Be Healthy Health Fair	2018
<i>Allergy Immunology Diagnostic Lab Center; Clinical Immunodiagnostic & Research Lab, Medical College of Wisconsin Asthma, Allergy & Clinical Immunology Center, Children’s Hospital of Wisconsin</i>	
1 at Children’s Hospital of Wisconsin (CHW)	2013
1 at School District of New Berlin (SDNB), WI	2013
5 at Clinical Immunology Society (CIS)	2011 – 2015
5 at American Academy of Allergy, Asthma & Immunology (AAAAI)	2011 – 2015
3 at Best Practices in Pediatrics, WI	2011 – 2013
2 at Wisconsin Allergy Society (WAS)	2011 – 2012

HONORARY/VOLUNTARY ACTIVITIES

Item Writer , Immunology Certification Examinations <i>American Board of Bioanalysis (ABB)</i> <i>American Association of Bioanalysts Board of Registry (ABOR)</i> March 12-15, 2020; St. Louis, MO	2020
Member , Scientific Affairs Committee <i>32nd Annual Meeting, Association of Medical Laboratory Immunologists (AMLI)</i> August, 2019; Cleveland, OH	2019
Member , Laboratory Workgroup, Democratic National Convention	2020
Member , Academic/Publications Committee	2019 – 2020
Member , Organizing Committee, Laboratory System Improvement Program (L-SIP)	2018 – 2020
Chair , Safety Committee, BSL-2/3 City of Milwaukee Health Department Laboratory, WI	2018 – 2020
Member , Choosing Wisely Advisory Board, Effective Test Utilization Steering Committee American Society for Clinical Pathology (ASCP)	2018
Member , Abstract Review Committee <i>2018 Annual Meeting & Expo, American Public Health Association (APHA)</i> November 10-14, 2018; San Diego, CA	2018
Inspector , Clinical Immunology Laboratory fellowship Committee on Postgraduate Education Programs (CPEP) Reaccreditation American Society for Microbiology (ASM) March 29-30, 2018; N Chicago, IL	2018
Inspector College of American Pathologists (CAP)	2016 – Present
Rotation Mentor , Clinical Immunology Laboratory fellowship Accredited by the Committee on Postgraduate Education Programs (CPEP) American Society for Microbiology (ASM)	2015
Member , Scientific Affairs Committee Member , Abstract Review Committee Co-Chair , Plenary Session: Diagnosis and Management of Food Allergies <i>28th Annual Meeting, Association of Medical Laboratory Immunologists (AMLI)</i> August 14-17, 2015; New Orleans, LA	2015
Member , Program Committee Member , Abstract/Poster Review Committee Chair , Nominating Committee Chair , Plenary Session: Immune monitoring <i>29th Annual Meeting & Course, International Clinical Cytometry Society (ICCS)</i> October 10-14, 2014; Seattle, WA	2014
Member , Scientific Affairs Committee Co-Chair , Plenary Session: HemPath Flow Cytometry <i>27th Annual Meeting, Association of Medical Laboratory Immunologists (AMLI)</i> August 9-12, 2014; Seattle, WA	2014
Abstract Reviewer <i>14th Annual Meeting, Federation of Clinical Immunology Societies (FOCIS)</i> June 25-28, 2014; Chicago, IL	2014
Member , Scientific Affairs Committee Co-Chair , Plenary Session: NK cells and interaction with HLA molecules <i>26th Annual Meeting, Association of Medical Laboratory Immunologists (AMLI)</i> August 10-13, 2013; Savannah, GA	2013
Early Career Member , Community of Practice (COP) Leadership Committee (1) Allergy (2) Immunology (3) Laboratory Medicine and Environmental Sciences <i>13th Annual Meeting, Federation of Clinical Immunology Societies (FOCIS)</i>	2013 - 2016

June 27-30, 2013; Boston, MA

Working Group Member, Workshop on Transplant and Cellular Therapy for Autoimmune Diseases: IBD
Center for International Blood and Marrow Transplant Research
April 19-20, 2013; Milwaukee, WI

Allied Healthcare Professional Parent

New Berlin 2nd Annual Career and Job Fair; School District, City and Business Partners of New Berlin
February 20, 2013; New Berlin, WI

Member , Education Committee	2019 – 2022
Nominee , Vice-President	2020 – 2021
Member , Scientific Affairs Committee	2013 – 2015
Member , Nominating Committee	2012
Nominee , Secretary	2012
Nominee , Treasurer	2011

Association of Medical Laboratory Immunologists (AMLI)

Journal Reviewer, *Annals of Allergy, Asthma and Immunology* 2013 - 2015

Member, Expert Panel on Hematology, Immunology and Ligand Assays **2020 – present**
Contributor and Secretary, Document Development Committee, “M54-Principles and procedures for detection of fungi in clinical specimens – Direct examination and culture

Contributor, Document Development Committee, “C40-Measurement of Lead in blood and urine” 2018 – 2019

Reviewer, Consensus Committee on Hematology and Immunology and Ligand Assay 2011 – 2015
(Formerly Consensus Committee on Immunology and Ligand Assay)

Observer, Area Committee on Immunology and Ligand Assay 2010 – 2011

Contributor, Document Development Committee, “QMS16: Personnel Management” 2011

Contributor, Document Development Committee, “NBS06-A: Newborn Bloodspot Screening for Severe Combined Immunodeficiency by measurement of T-cell receptor excision circles; Approved Guideline” 2011
Clinical and Laboratory Standards Institute (CLSI)

Participant, SCID Collaborative Project 2013 – 2015
Newborn Screening Translational Research Network (NBSTRN)

Member, Immunodeficiency Sub-committee, Newborn Screening Advisory Group 2010 – 2011
Department of Health and Family Services, State of Wisconsin

Certified Lay Responder - Adult First Aid/CPR/AED 2013 – 2015
American Red Cross

AWARDS & HONORS

Funded grants

Development of a State or Regional Environmental Health System Meeting – APHL - \$7,500 (January 2020-June 2020)

Laboratory System Improvement Program (L-SIP) Gap projects: Career Exploration Day – APHL - \$10,000 (January 2020-June 2020)

Characterization and/or implementing respiratory syncytial virus (RSV) subtype surveillance testing – APHL/CDC (October 2019 – June 2020)

Established a Quality Control Range for gentamicin susceptibility testing of *Neisseria gonorrhoeae* – APHL/CDC- \$7,500 (September 2019- June 2020)

Laboratory System Improvement Program (L-SIP) Gap projects: Advisory Group & LHPL workshop – APHL - \$10,000 (March 2019 - June 2019)

Evaluation of a Laboratory-developed Molecular Test for Diagnosis of Genital Ulcer Disease (GUD) - APHL/CDC Grant/Project- \$11,000 (August 2018- June 2019)

Test verification/modification of algorithms for detection of *M. tuberculosis* with interferon gamma release assay (IGRA) - APHL/CDC Grant- \$24,000 (November 2018- June 2019)

Laboratory System Improvement Program (L-SIP) Reassessment– APHL - \$4,000 (March 2019 - June 2019)

Awards

Educational Travel Scholarship, 2019 Annual Meeting of the Association of Public Health Laboratories (APHL)
June 3-6, 2019; St. Louis, MO

Travel Scholarship, 2019 HIV Diagnostics Conference
March 25-28, 2019; Atlanta, GA

Travel Scholarship, 25th Annual Meeting of the Association of Medical Laboratory Immunologists (AMLI)
August 4-7, 2012; Minneapolis, MN

Travel Scholarship, 23rd Annual Meeting of the Association of Medical Laboratory Immunologists (AMLI)
August 7-10, 2010; Orlando, FL

Doctorate Award, 22nd Annual Meeting of the Association of Medical Laboratory Immunologists (AMLI)
August 7-10, 2009; Cambridge, MA

Travel Scholarship, 21st Annual Meeting of the Association of Medical Laboratory Immunologists (AMLI)
August 9-12, 2008; Seattle, WA

Travel Award, 8th Annual Meeting of the Federation of Clinical Immunology Societies (FOCIS)
“Primary Immunodeficiency Consortium Conference”,
June 5-9, 2008; Boston, MA

Doctorate Award, 20th Annual Meeting of the Association of Medical Laboratory Immunologists (AMLI)
August 9-12, 2007; Chicago, IL

GUEST SPEAKER/INVITED LECTURES

Quality and laboratory improvements in a public health laboratory
Wisconsin State Laboratory of Hygiene; June 24, 2020
Madison, WI

Syndromic or *à la carte* testing for Primary Immune Deficiency Disorders
Associated Regional and University Pathologists, Inc. Laboratories, University of Utah; November 4th, 2019
Salt Lake City, UT

Increasing Lab Testing Capacity for STIs: An update from the Milwaukee Health Department
Annual Milwaukee HIV/STI Update Meeting; August 13th, 2019
Milwaukee, WI

Laboratory approach to Primary Immunodeficiency Disorders
Robert J. Tomsich Pathology & Lab Medicine Institute; November 27th, 2017
Cleveland Clinic, OH

LDTs to diagnose and assess immune status in PIDDs
UCLA Immunogenetics Center, Dept. of Pathology & Lab Medicine; June 17th, 2016
University of California, Los Angeles, CA

Lab diagnosis of combined immunodeficiency – unintelligible scenarios
Division of Immunology, Dept. of Lab Medicine; October 18th, 2013
Summa Health System’s Akron City Hospital, Akron, OH

Diagnostic Flow Cytometry for infectious manifestations of PIDDs
Department of Laboratory Medicine; August 8th, 2013
Krishna Institute of Medical Sciences, Hyderabad, Andhra Pradesh, INDIA

Diagnostic flow cytometry for hematologic complications of PIDDs
Pediatric Hem-Onc/BMT fellow lecture series; July 29th, 2013
Children’s Hospital of Wisconsin, Milwaukee, WI

Cytometry keeps up with the flow of Primary Immunodeficiencies??
Division of Clinical Biochemistry & Immunology, Dept. of Lab Medicine & Pathology; December 6th, 2012
Mayo Medical Laboratories, Mayo Clinic, Rochester, MN

Flow Cytometry as a ‘stand-alone’ diagnostic test in PIDDs of newborns and adults
Grand Rounds, Dept. of Pathology & Lab Medicine; November 10th, 2011
Ann & Robert H. Lurie Children’s Hospital of Chicago (formerly Children’s Memorial Hospital), Chicago, IL

Clinical Flow Cytometry in cases of BMT for Primary Immunodeficiency Disorders

Pediatric Hem-Onc/BMT fellow lecture series; May 9th, 2011

Children's Hospital of Wisconsin, Milwaukee, WI

Case studies in flow cytometry

2011 American Society for Clinical Laboratory Science-Wisconsin (ASCLS-WI) State Convention; April 6th, 2011

Waukesha, WI

Pediatric patient in IBD clinic

23rd Annual Meeting of the Association of Medical Laboratory Immunologists (AMLI); August 7th, 2010

Orlando, FL

Basics of Clinical Flow Cytometry

College of BSc (Medical Laboratory Technology) lectures; December 29th, 2009

Krishna Institute of Medical Sciences, Hyderabad, Andhra Pradesh, INDIA

Immunodiagnostic concepts in clinical laboratory practice

Medical Laboratory Technology program; November 10th, 2008

Oakton Community College, Des Plaines, IL

Current Practices of Clinical Immunology Laboratory

College of BSc (Medical Laboratory Technology) lectures; December 29th, 2007

Krishna Institute of Medical Sciences, Hyderabad, Andhra Pradesh, INDIA

Utility of CD4⁺ CD25⁺ T_{reg} cells as immunologic diagnostic marker

Continuing Medical Education (CME) overseas lecture series; December 19th, 2007

MediCiti Institute of Medical Sciences, Ghanpur, Medchal, R R District, Andhra Pradesh, INDIA

CONTINUING EDUCATION SEMINARS

32nd Annual Meeting, Association of Medical Laboratory Immunologists (AMLI)

August 16-19, 2019; Cleveland, OH

2019 Annual Meeting, Association of Public Health Laboratories (APHL)

June 3 – 6, 2019; St. Louis, MO

Singleplex in a 100-plex cytokine analyzer for TLR/IL-10 pathway defects; October 3rd, 2014

Flow cytometry for PIDDs – cell type, #, function and??; April 12th, 2013

Can you 'go with the flow' in cases of PIDDs? September 16th, 2011

MSMD; June 10th, 2011

Hyper IgE syndrome; April 30th, 2010

Grand Rounds; Allergy, Asthma & Clinical Immunology, Dept. of Pediatrics, Children's Hospital of Wisconsin, WI

Case Study: Lymphoproliferative Disorder in the Pediatric IBD Clinic

23rd Annual Meeting, Association of Medical Laboratory Immunologists (AMLI); August 7th, 2010

Orlando, FL

Clinical Flow Cytometry in pediatric infectious diseases

Dept. of Microbiology; December 29th, 2009

Krishna Institute of Medical Sciences, Hyderabad, Andhra Pradesh, INDIA

Is anti-deamidated gliadin peptide (DGP) antibody determination better than conventional serological tests in pediatric celiac disease patients? February 20th, 2008

Inherited deficiencies of Complement; July 26th, 2007

Role of immunology laboratory in diagnosis of Hemophagocytic Lymphohistiocytosis (HLH); July 19th, 2007

COVID and mutations in TACI; July 12th, 2007

Utility of CD4⁺ CD25⁺ regulatory T cell (T_{reg}) phenotype in pediatric patients; June 28th, 2007

FACS based diagnosis of Toll-like receptor (TLR) signaling defects; June 21st, 2007

CE Series; Diagnostic Immunology Laboratory, Children's Memorial Hospital, Chicago, IL

REFERENCES

Provided upon request