

Trivikram Dasu, PhD, D(ABMLI)

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<https://www.ncbi.nlm.nih.gov/pubmed/?term=dasu+t>

SUMMARY

Highly-skilled experienced Clinical diagnostics and management professional with more than 10 years of high-complexity testing experience in Laboratory Medicine. Consistent contributions to diagnostics laboratory developed assays. Lead in process improvement projects in the field of Clinical Immunology, Microbiology, Serology and Molecular Biology with automation and better turnaround times. Highly articulate in managing lab operating costs and increasing reimbursable clinical net revenues in competitive healthcare market environments. Excellent resource for training programs in medical technology and lab directorship. Create scientific documents for presentations.

EDUCATION/TRAINING

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**CLIA Laboratory Director (Consultant)**

Stemina Biomarker Discovery, Inc., Madison, WI	2017 – present
The Rheumatology Group, South Charleston, WV	2016 – 2017
Roots Counseling Services, Milwaukee, WI	2016 – present
Iverson Genetic Diagnostics, Inc., Charleston, SC	2016 – present
St. Louis Pain Consultants, Chesterfield, MO	2016 – 2016
Center for Pain Management, Indianapolis, IN	2015 – 2017

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

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

Core responsibilities

- Communicate laboratory test results with hospital leadership, pharmacy & medical staff
- Serve as subject matter expert (SME) and conduct in-service topic discussion on specialty services
- Maintain Quality Control (QC) and Quality Assurance (QA) documentation
- Institute Procedures and Policies, including, but not limited to Internal Quality Control Program (IQCP), Proficiency Testing (PT), Competency Assessment, etc.
- Interact with Infectious Diseases team for new test development needs
- Assure compliance with the CLIA, CAP, state of Wisconsin regulatory standards
- Serve as Clinical Microbiologist on the Infection Prevention/Control Committee, Antibiotic Stewardship Committee

- Generate Annual Antibigram Report and tuberculosis positivity rates for the 5 hospital Legacy Wheaton systems
- Lead teams for Process Improvement Action Plans in laboratory sciences
- Collaborate with others laboratories in the system for standardization of practices
- Mentor students from Clinical Lab Scientists, Lab Assistants programs; residents from Pathology, Pharmacy, Podiatry, etc., for rotations in Clinical Microbiology, Serology and Molecular Biology laboratories
- Recommend instrumentation for advances in the practice of laboratory diagnostics
- Promote automation with a goal to reduce test turnaround times
- Team with Lab Information Systems (LIS) analysts for interface configuration and report generation
- Laboratory Liaison for Wisconsin State Lab of Hygiene's Communicable Diseases Division communications
- Oversee training of personnel on BD MAX, illumigene, Tigris, Panther molecular platforms for infectious diseases

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

Technical duties

- Clinical Flow Cytometry (Primary Immunodeficiency Diseases)
- Develop and validate new Diagnostic Immunology assays by multi-color Flow cytometry, Luminex, ELISA
- Corroborate with Field Application Specialists (FAS) on Installation Qualification (IQ), Operational Qualification (OQ) and Performance Qualification (PQ) studies on new equipment
- Multiplex cytokine analysis by Luminex-based bead array systems
- Collaborate across departments to ensure that resources are prioritized, in place and utilized to achieve objectives
- Interpret laboratory test results and issue reports
- Design panels, execute assays and interpret data for IRB studies and Clinical Trials per FDA guidelines
- Organize & manage operation of Biospecimen Repository including PBMCs, serum, plasma, dried blood spot cards, etc.
- Database management of Wisconsin State Newborn Screening Program's SCID Flow Cytometry analysis
- Aid in troubleshoot of clinical instrumentation
- Improve methodology by exploring testing platforms for clinical utility
- Verify daily patient reports; review weekly and monthly Quality Control (QC) data
- Lead laboratory meetings for Quality Assurance (QA) program and ensure compliance to Quality Management System (QMS)
- Participate in multi-disciplinary clinical care conferences
- Immunology liaison to the Human and Molecular Genetics Center (HMGC) for functional studies
- Facilitate functional studies from Nimblegen HD2 sequence capture on Roche 454 of the very first exome sequencing for diagnosis of IBD
- Integrate clinical phenotyping, sequencing, bioinformatics and functional studies by multidisciplinary teams
- Coordinate training of technical personnel on Illumina MiSeq

Administrative duties

- Demonstrate superior quality and safety in the eyes of patients and caregivers without compromising the Safety, Health and Environment (SHE) of the organization
- Key member of the Laboratory Operations Leadership
- Promote the visibility of laboratory services throughout the organization
- Participate in CLIA inspections, CAP/alternate proficiency testing and ensure regulatory compliance
- Conduct Continuing Education seminars for Medical Laboratory Scientists, medical students/residents/fellows
- Co-ordinate Clinical Laboratory Scientists recruitment and training process
- Generate monthly patient billing summaries and annual budget
- Negotiate capital investments and service contracts in laboratory instrumentation
- Review discounts on reagents/supplies/consumables for clinical utility
- Show case laboratory by exhibiting its functions at national conferences to expand laboratory sales
- Achieve programmatic growth in translating department and organization strategy into staff commitment, action and accomplishment in their respective areas of responsibility
- Understand market trends and impact on laboratory medicine
- Contribute to strategy, operational plans and ensure alignment and commitment of staff
- Collaborate with leadership to understand external market financial, economic and healthcare industry data, identify market opportunities and threats
- Provide leadership and actively contribute to the design and implementation of program goals and objectives towards outreach business development
- Formulate recommendations for continuous improvement by considering account market demands, regulatory standards, and changes in clinical practice

- Manage to meet fiscal targets, participate in financial forecasting and develop comprehensive analysis for financial and program recommendations along with members of the management
- Evaluate the potential for cost-effective changes and manage the implementation of approved changes by ensuring staff compliance with financial decisions.
- Improve organization's processes by following through Corrective and Preventive Action (CAPA) reports

Supervisory duties

- Provide leadership to staff that offers job satisfaction, performance recognition and stimulate innovative thinking
- Supervise daily laboratory operations of the CIRL & AIDLC clinical laboratories and cross functional teams respectively
- Ensure staff productivity by maximizing efficiency and workflow patterns as well as monitor and control turnover.
- Manage working schedule of the laboratory personnel
- Attract, develop and retain a talented and engaged workforce
- Co-ordinate orientation, training, scheduling and evaluation of new technical hires
- Create a workplace climate that ensures respect, teamwork, open communication and professional recognition among diverse workforce.
- Provide positive learning environment by collaborating with academic programs and identify areas of self-development for staff by actively seeking opportunities and resources.
- Establish clear performance standards and ensure cost effectiveness and continuous quality improvement
- Perform annual personnel evaluation reports and improve laboratory performance with key performance indicators (KPI)
- Inventory Control and Cost Containment strategy implementation
- Maintain annual calibration and certification of all laboratory equipment in compliance with regulatory agencies
- Familiar with regulations pertaining to IATA shipping

Chief Lab Investigator (1997-2000)

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

Duties

- Technical supervision of 24-hour voluntary blood banking service
- Served as a laboratory liaison at off-site blood donation camps.
- Incorporated the infectious diseases screening of voluntary blood units mandated by the National AIDS Control Organization.
- Reviewed results from blood grouping, screening of blood collections, cross-matching of blood units.
- Maintained quality and inventory of blood components – whole blood, packed red blood cells, saline washed RBCs, fresh frozen plasma, cryoprecipitate, platelet rich plasma, platelet concentrate, etc.

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

- 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

- 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*. 2014.155: 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

- 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 – case example diagnosis by clinical flow cytometry
Medical Laboratory Observer. February 2015.
- 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
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 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
8 at Association of Medical Laboratory Immunologists (AMLI)	2007 – 2014
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

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

*Allergy Immunology Diagnostic Lab Center; Clinical Immunodiagnostic & Research Lab, Medical College of Wisconsin
Asthma, Allergy & Clinical Immunology Center, Children's Hospital of Wisconsin*

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

Inspector College of American Pathologists (CAP)	2016 – Present
Examination Committee Member , Board of Certification American Society for Clinical Pathology (ASCP)	2015
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> June 27-30, 2013; Boston, MA	2013 - 2016
Working Group Member , Workshop on Transplant and Cellular Therapy for Autoimmune Diseases: IB <i>Center for International Blood and Marrow Transplant Research</i> April 19-20, 2013; Milwaukee, WI	
Allied Healthcare Professional Parent <i>New Berlin 2nd Annual Career and Job Fair; School District, City and Business Partners of New Berlin</i> February 20, 2013; New Berlin, WI	
Member , Scientific Affairs Committee	2013 – 2015
Member , Nominating Committee	2012
Nominee , Secretary	2012
Nominee , Treasurer Association of Medical Laboratory Immunologists (AMLI)	2011
Journal Reviewer , Annals of Allergy, Asthma and Immunology	2013 - 2015
Reviewer , Consensus Committee on Hematology and Immunology and Ligand Assay (Formerly Consensus Committee on Immunology and Ligand Assay)	2011 – 2015
Observer , Area Committee on Immunology and Ligand Assay	2010 – 2011
Contributor , Document Development Committee, “Quality Management System: Personnel Mgmt”	2011
Contributor , Document Development Committee, “NBS06-A: Newborn Bloodspot Screening for Severe Combined Immunodeficiency by measurement of T-cell receptor excision circles; Approved Guideline” Clinical and Laboratory Standards Institute (CLSI)	2011
Participant , SCID Collaborative Project Newborn Screening Translational Research Network (NBSTRN)	2013 – 2015
Member , Immunodeficiency Sub-committee, Newborn Screening Advisory Group Department of Health and Family Services, State of Wisconsin	2010 – 2011
Certified Lay Responder - Adult First Aid/CPR/AED American Red Cross	2013 – 2015

AWARDS & HONORS

Travel Scholarship , <i>25th Annual Meeting of the Association of Medical Laboratory Immunologists (AMLI)</i> August 4-7, 2012; Minneapolis, MN
Travel Scholarship , <i>23rd Annual Meeting of the Association of Medical Laboratory Immunologists (AMLI)</i> August 7-10, 2010; Orlando, FL
Doctorate Award , <i>22nd Annual Meeting of the Association of Medical Laboratory Immunologists (AMLI)</i> August 7-10, 2009; Cambridge, MA
Travel Scholarship , <i>21st Annual Meeting of the Association of Medical Laboratory Immunologists (AMLI)</i> August 9-12, 2008; Seattle, WA
Travel Award , <i>8th Annual Meeting of the Federation of Clinical Immunology Societies (FOCIS)</i> “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

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

27th Annual Wisconsin Virology Conference[#]

May 23rd, 2017; Madison, WI

Wisconsin Clinical Laboratory Network (WCLN) Conference – Challenges in Antimicrobial Susceptibility Testing[#]

April 19th, 2017; Wisconsin Dells, WI

2017 Annual Meeting, American Society for Clinical Laboratory Science (ASCLS) – Wisconsin Chapter[#]

April 5th, 2017; Middleton, WI

2016 Annual Conference, Wisconsin Mycobacteriology Laboratory Network (WMLN) #

November 17th, 2016; Madison, WI

HIPAA and Clinical Research#

May 5th, 2015; Association of Clinical Research Professionals (ACRP) – Southern Wisconsin Local Chapter Event

ICD-10-CM Practical Guidance for Pathologists and Labs#

March 26th, 2015; Lab Management University (LMU)

4th Annual Controversies in Hematologic Malignancies Symposium#

March 7th, 2015; Medical College of Wisconsin & Froedtert Hospitals, Milwaukee, WI

Standards of Practice for Clinical Research Professional (CRP) (2015) #

University: The Society of Clinical Research Associates (SOCRA)

Certification in Laboratory Management (2015) #

University: Laboratory Management University (LMU)

Collaboration between American Society for Clinical Pathology (ASCP) and American Pathology Foundation (APF)

Human subject research involving children: Pediatric clinical trials and regulations#

Association of Clinical Research Professionals; June 10th, 2013

Medical College of Wisconsin, Milwaukee, WI

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

Difficult Conversations (2009) #

University: University of Wisconsin-Milwaukee (UWM) School of Continuing Education

Collaboration between UWM and Medical College of Wisconsin (MCW)

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

CVID 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

Attendee

REFERENCES

Provided upon request