

June 2018

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CDID Division Officers

Chair

Melissa Rosemary Snyder, Mayo Foundation

Chair elect

Maria Alice Vieira Willrich, Mayo Clinic

Past Chair

Gabriella Lakos, Abbott Laboratories

Secretary

Tara Givens, Quest Diagnostics Nichols Institute

Treasurer

Peter Martis, Inova Diagnostics

Research Officer

Lokinendi V. Rao, Quest Diagnostics

Communications Officer

Mohammad A Al-Ghoul, Center for Disease Detection / LabCorp

***The executive committee
welcomes two new
officers for the year
2018-2019***

Professional Development Officer

David F. Keren, The University
of Michigan, Pathology.

Education Officer

Evangelos Ntrivalas, Nova
Biomedical.

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HIGHLIGHTS OF ACTIVITIES AT THE ANNUAL SCIENTIFIC MEETING & CLINICAL LAB EXPO – 2018

1. SCIENTIFIC SESSIONS DEVELOPED BY OR WITH THE CDID

Developing Standards in Antinuclear Antibody Indirect Immunofluorescence (ANA IFA) Interpretation and Reporting. 32107 (10:30 AM -12:00 PM) Monday July 30, 2018.

Stanley Naides, MD, Quest Diagnostics Nichols Institute
A Brief History of ANA IFA Testing

Edward Chan, Ph.D., University of Florida
Developing Consensus on Antinuclear Antibody Indirect Fluorescence Pattern Interpretation and Reporting

Marvin Fritzler, PhD MD, University of Calgary
Nuclear ANA IFA Patterns: International Consensus on ANA Patterns, ICAP

Carlos von Mühlen, MD, PhD, Rheuma Clinic Dr. von Muhlen
Cytoplasmic ANA IFA Patterns: International Consensus on ANA Patterns, ICAP

The Good, the Bad, and the Ugly: Opportunities and Challenges for Harmonization of Autoantibody Testing. 33220 (2:00 – 5:00 PM) Tuesday July 31, 2018.

Anne Tebo, PhD, University of Utah / ARUP Laboratories
Analytical and Diagnostics Challenges of Autoantibody Testing: Perspectives of a Laboratory Director

Joanna Sheldon, St. Georges Hospital
Autoantibody Standardization - The Final Frontier

Elizabeth Stafford, PhD, FDA/CDRH/OIR
Autoantibody Testing: an FDA Perspective

Mass Spectrometry Applications for Monoclonal Antibody Therapeutics: Which Road to Travel. 34103 (10:30AM - 12:00PM) Wednesday August 1, 2018.

Maria Alice Willrich, PhD, Mayo Clinic
The Different Roles of the Clinical Laboratory and Mass Spectrometry as an Important Tool for Therapeutic Monoclonal Antibodies

Paula Ladwig, MS, MT(ASCP), Mayo Clinic

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Mass Spectrometry Approaches for Identification and Quantitation of mAbs:
Peptide vs. Intact Strategies

Advances in Allergen Testing Diagnostics. 34217 (2:30 – 5:00 PM) Wednesday
August 1, 2018.

Anthony Horner, MD, Quest Diagnostics Nichols Institute

Technological Advances in Allergen-specific IgE antibody testing
Robert Hamilton, PhD, Johns Hopkins Univ Sch of Medicine

Microarray Technology as applied to Human Allergic Disease Diagnosis
Antonella Cianferoni, MD, PhD, Children's Hospital of Philadelphia
Non-IgE mediated Allergen testing in Food Allergy

2. CDID Poster Walk

Join us for the CDID Poster Walk!

This guided tour will offer short presentations by the authors, and discussion lead by Dr. Evan Ntrivalas, CDID education officer, on select immunology related posters.

Join us on **Tuesday July 31, 12:30 – 1:30 PM**. Look for the CDID Poster Walk sign for the meet up area!

3. CDID Mixer, Awards Presentations and Business Meeting

Please join us Tuesday, July 31st (5:30 – 7:00 PM, Marriott Marquis Hotel, Daniel Burnham AB room) for a fun networking event, followed by the award ceremonies for the **Best Abstract in Immunology**, and the **Carl R. Jolliff Award** for Lifetime Achievement in Clinical or Diagnostic Immunology.

This year, we continue the tradition of organizing mixers with other divisions, and we are happy to announce that this event will be held together with the **Tumor Markers and Cancer Diagnostics Division**, to increase the outreach to the membership, and to strengthen our relationship and collaboration within the AACC.

The event is open to all CDID members, and also for anybody who is interested in learning more about or joining CDID. The Business Meeting will provide opportunities for everyone to provide feedback and suggestions to the leadership of the CDID, and to get involved with the Division. We are looking forward to seeing you there!

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4. AACC OPENING MIXER & DIVISION NETWORKING EVENT

Sunday, July 29, 6:45 – 8 PM, Hyatt Regency McCormick Place, Second Level, Regency Ballrooms

Have you heard the news? This year, the first time in AACC's history, the Opening Mixer will be accompanied by a Division Networking event!

CDID officers will be available at the CDID table to talk with you about our Division. Stop by to learn useful and fun facts about CDID, to meet Division leadership, and to win prizes!

Current AACC members who are interested in joining Divisions will have their badge scanned and will be granted a complimentary Division membership until their next renewal of AACC membership.

LOOK FOR THE CDID BALLOONS!



5. SYCL Workshop and Mixer

Partners in Patient Care: A Prescription for a Strong Laboratory Administrator-Medical Director Working Relationship.

Saturday, July 28, 1–5:30 p.m. (Mixer 6:00 – 8:00 PM)

Marriott Marquis Chicago

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6. SESSIONS RECOMMENDED TO CDID MEMBERS

Monday July 30, 2018

Morning Symposia (10:30 AM – 12:00 PM) – Cost = \$ 0.00

Implementing a High(er) Sensitivity Cardiac Troponin Assay: Lessons Learned from One Institution about Analytical Validation and Clinical Protocol 32101.

Brad Karon, MD, PhD, Mayo Clinic

Allan Jaffe, MD, Mayo Clinic

Challenges of implementing rapid HIV testing into a HIV testing algorithm. 32104.

Edward Leung, PhD, The University of Chicago Medicine

Vera Tesic, MD, MS, University of Chicago

Contributing Factors to Diagnostic Errors in the Clinical Laboratory Identified by Laboratorians: What Can We Fix Right Now? 32414,

Michael Laposata, MD, PhD, University of Texas Medical Branch Galveston

Afternoon Symposia (2:30 PM – 5:00 PM) – Cost = \$ 0.00

Using R for Method Validation Studies: The Good, The Great, and The Beautiful. 32224

Stephen Master, MD, PhD, Children's Hospital of Philadelphia

Matthew Henderson, PhD, BSc, Newborn Screening Ontario

Chris McCudden, PhD, The Ottawa Hospital

Brown Bag July 30, 2018 - Cost = \$25.0

42103 7:30 – 8:30 AM and 52203 12:30 – 1:30 PM

ANA Testing: The Renaissance of Indirect Immunofluorescence Assay (IFA).

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Vincent Ricchiuti, PhD, Laboratory Corporation of America Holdings

42121 7:30 – 8:30 AM and 52221 12:30 -1:30 PM

Discrepancies in Electrolyte Measurements between Direct and Indirect Ion-selective Electrodes (ISEs)

Sudip Datta, MBBS, MD, Dip Hosp Mgmt, All India Institute of Medical Sciences

42129 7:30 – 8:30 AM and 5229 12:30 – 1:30 PM.

Emerging Challenges in Protein Electrophoresis Interpretation

Kwabena Sarpong, PhD, University of Virginia Health System

Tuesday July 31, 2018

Morning Symposia (10:30 AM – 12:00 PM) – Cost = \$ 0.00

Urine Drug Testing: Debates Over Best Practices to Assess Compliance and Manage the Opioid Crisis. 33102

Stacy Melanson, MD, PhD, Brigham and Womens Hospital

Athena Petrides, Ph.D., Brigham and Women's Hospital

Surviving the Regulatory and Accreditation Landscape: The "Must-Know" Secrets for Success! 33106

Karon, MD, PhD, Mayo Clinic, Moderator

Heather Signorelli, DO, HCA-Healthone LLC

Brown Bag, July 31, 2018 – Cost = \$ 25.00

43105 7:30 – 8:30 AM and 53205 12:30 – 1:30 PM

How to Select and Utilize an Appropriate Method for Testosterone Testing

Yusheng Zhu, PhD, Pennsylvania State University Hershey Medical Center

43111 7:30 – 8:30 AM and 53211 12:30 – 1:30 PM

Method Validations: Plan Development & Data Evaluation

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Stephanie Inman, Atrium Health

43113 7:30 – 8:30 AM and 53213 12:30-1:30 PM

Emerging Trends in Autoimmune and Paraneoplastic Encephalopathy Testing

Christopher Farnsworth, Washington University

Wednesday August 1, 2018

Afternoon Symposia (2:30 PM – 5:00 PM)

Protein Electrophoresis Reporting: Multinational Recommendations and Perspectives on Standardization. 34214

Ronald Booth, PhD, The Ottawa Hospital

Joannes Jacobs, MD, PhD, Radboud University Medical Center

Maria Alice Willrich, PhD, Mayo Clinic

David Keren, MD, The University of Michigan Medical School

Chris McCudden, PhD, The Ottawa Hospital

Brown Bag August 1, 2018 – Cost = \$25.00

44106 7:30 - 8:30 AM and 54206 12:30 -1:30 PM

Embracing Pathology's Stepchild: A Practical Guide to Clinical Chemistry Education

Joesph Wiencek, PhD, University of Virginia School of Medicine

44114 7:30 – 8:30 AM and 54214 12:30 -1:30 PM

Controversies and Solutions in Body Fluid Testing

Darci Block, PhD, BS, Mayo Clinic

44122 7:30 - 8:30 AM and 54222 12:30 – 1:30 PM

Prevalence of Biotin use in the United States and its Board Impacts on Clinical Lab Test Accuracy

Danni Li, PhD, University of Minnesota

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Thursday August 2, 2018

Morning Symposia (10:30 AM – 12:00 PM) – Cost = \$ 0.00

Why Negative and Bidirectional Interferences Including Biotin Interferences Cause More Clinical Errors than Positive Interferences: Case Reports.

35101

Amitava Dasgupta, PhD, University of Texas at Houston Medical School

Douglas Stickle, PhD, Jefferson University Hospital

University

Sunday, July 29, 2018, Scientific Sessions – Cost = \$199.00

Trust, but Verify: Getting the Most Out of Verification Protocols for FDA-Approved Methods (AACC University- Half Day "AM") 191002, 8:30 – 11:30 AM

Sten Westgard, MS, Westgard QC, Inc.

David Koch, PhD, Grady Memorial Hospital & Emory University

Protein Electrophoresis Interpretation and Reporting Workshop – Part I (AACC University-Half Day "AM") 191004, (8:30 – 11:30 AM)

Maria Alice Willrich, PhD, Mayo Clinic

Christopher McCudde, PhD, The Ottawa Hospital, General Campus

Ronald Booth, PhD, The Ottawa Hospital

Protein Electrophoresis Interpretation and Reporting Workshop – Part II (AACC University-Half Day "PM") 192011, (12:30 – 3:30 PM)

David Keren, MD, The University of Michigan Medical School

Ronald Booth, PhD, The Ottawa Hospital

Maria Alice Willrich, PhD, Mayo Clinic

Christopher McCudden, The Ottawa Hospital, General Campus

ANA IFA: A Workshop for Laboratory Leaders (AACC University-Half Day "PM") 192013, (12:30 – 3:30 PM)

Susan Copple, MS, Inova Diagnostics

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Mark Wener, MD, University of Washington Medical Center

Edward Chan, Ph.D., University of Florida

Laurel Tria, Northwell Health Laboratories