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• Published in the October 2014 supplement to Clinical Chemistry.

• Considered for AACC Division and Student Awards.

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Emerging Clinical & Laboratory Diagnostics Conference: The Portable Lab
APRIL 24-25, 2014 | SAN JOSE, CA USA

Call for Abstracts Is Now Open.

Now in its 46th year, the Emerging Clinical & Laboratory Diagnostics Conference will showcase the latest developments in diagnostic technology. Be a part of this highly regarded conference by submitting an abstract. Your abstract could be selected for a brief oral presentation, or even the Clinical Chemistry Outstanding Poster Award.

Previous attendees will recognize this conference as the sequel to AACC’s Oak Ridge Conference, the premier forum for connecting technology incubators with the IVD manufacturers who are developing next-generation clinical diagnostics.

Highlight your new technology and submit an abstract today in one of the following categories:

- The Rise of Cloud Computing and What It Means for POCT
- Mobile Medical Apps: The New Frontier
- Reagents of the Future: Issues in Portability and Stability
- Point-of-Care Diagnostics for Resource-Limited Settings

Deadline for submission is March 31, 2014. For more information and to submit an abstract, go to www.aacc.org/events/conferences.

*A conference organizers encourage submissions relating to the 2014 Session topics but will consider all abstracts describing pre-commercial, clinical diagnostic technologies.*
### 2014 Clinical Chemistry Webinar Series

**Jan 15**  
**New Developments in Diagnosing and Managing Gestational Diabetes**  
*Donald Coustan, MD*, Warren Alpert Medical School of Brown University, Division of Maternal-Fetal Medicine, Women & Infants Hospital of Rhode Island, Providence, RI

**Feb 11**  
**Personalized Medicine: Laboratory-Guided Therapy for Breast Cancer**  
*Gregory J. Tsongalis, PhD, HCLD, CC*, Dartmouth Hitchcock Medical Center and The Audrey and Theodor Geisel School of Medicine at Dartmouth, Hanover, NH

**Mar 11**  
**Assessing Cardiovascular Risk in Women Considering Menopausal Hormone Therapy**  
*JoAnn Manson, MD, MPH, DrPH*, Connors Center for Women's Health and Gender Biology and Harvard Medical School, Boston, MA

**Apr 8**  
**Mass Spec Applications in Designer Drugs-of-Abuse Testing**  
*Marilyn Huestis, PhD*, Intramural Research Program of the National Institute on Drug Abuse, Baltimore, MD

**May 13**  
**Mass Spectrometry 101**  
*Thomas M. Annesley, PhD*, University of Michigan Health Center, Ann Arbor, MI

**Jun 10**  
**Post-Analytical Optimization of Newborn Screening by Tandem Mass Spectrometry**  
*Piero Rinaldi, MD, PhD*, Mayo Clinic, Rochester, MN

**Jul 8**  
**The Drive to Define “Normal”: The 99th Percentile Value of Cardiac Troponin**  
*Fred Apple, PhD*, Hennepin County Medical Center and University of Minnesota School of Medicine, Minneapolis, MN

**Sep 2**  
**Stroke Biomarkers: Current Status, Future Promise**  
*Robert Christenson, PhD*, University of Maryland, Baltimore, MD

**Sep 9**  
**CVD Risk Prediction: Is the Framingham Risk Model Good Enough?**  
*Paul Ridker, MD*, Harvard Medical School, Cambridge, MA

**Oct 14**  
**Celiac Disease: Advances in Testing and Treatment**  
*Melissa Snyder, PhD*, Mayo Clinic, Rochester, MN

**Nov 11**  
**Evaluating Patients with Suspected Antiphospholipid Syndrome (INVITED)**  
*Gabriella Lakos, MD, PhD*, INOVA Diagnostics, San Diego, CA

**Dec 9**  
**ANA Testing for Systemic Rheumatic Diseases (INVITED)**  
*Marvin Fritzler, PhD, MD*, University of Calgary, Calgary, Alberta, Canada

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Research in women’s health has increased tremendously over the last decade and we are now seeing the results of major clinical trials influencing how women are tested and treated for a variety of disease states. In this series of webinars, AACC provides the most up-to-date information on three areas of women’s healthcare that are undergoing changes.

WEBINARS INCLUDE:

JAN 15  New Developments in Diagnosing and Managing Gestational Diabetes
Donald Coustan, MD, Warren Alpert Medical School of Brown University, Division of Maternal-Fetal Medicine, Women & Infants Hospital of Rhode Island, Providence, RI

FEB 11  Personalized Medicine: Laboratory-Guided Therapy for Breast Cancer
Jonathan D. Marotti, MD, Assistant Professor of Pathology, Dartmouth Hitchcock Medical Center and The Audrey and Theodor Geisel School of Medicine at Dartmouth, Hanover, NH

MAR 11  Assessing Cardiovascular Risk in Women Considering Menopausal Hormone Therapy
JoAnn Manson, MD, MPH, DrPH, Connors Center for Women’s Health and Gender Biology and Harvard Medical School, Boston, MA

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Critical and Point-of-Care Testing: Real World and Emerging Applications for Improved Clinical Outcomes

CPOCT 25th International Symposium
SEPTEMBER 17-20, 2014
SAN DIEGO, CA

The CPOCT Call for Papers is now open. Be a part of the CPOCT 25th International Symposium and join industry experts as they explore the practical and promising applications of point-of-care testing for clinical decision making.

The AACC is seeking new and innovative research in the following areas:

- POCT for emergency preparedness and resource limited settings
- POCT for infectious disease
- POCT and molecular diagnostics
- POCT for assessment of coagulation
- Practical applications for POCT: Data driven solutions for improved outcomes

Submit your paper today at www.aacc.org/cpocht14.

Submission deadline is May 1, 2014.
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Quick Guide to Immunoassay Interference

By Pradip Datta, Adetoun A. Ejilemele, and John R. Petersen
2013, 75 pages, spiral binding
ISBN 9781594251566
Product # 8289
Price only $22; AACC Member $18

The Quick Guide to Immunoassay Interference is a valuable resource for medical laboratory scientists and directors, physicians, and other clinical support personnel to identify how laboratory immunoassay results may be affected by different types of interference. The Guide’s pocket size provides immediate access about what to watch for and how to correct such aberrant results, which are now ever dependent on clinical laboratory results, and maintain the integrity of patient care.

Starting from the basics of both immunoassays and assay interference, the Guide presents various sources of assay interference: cross-reactivity, prozone effects, heterophilic antibodies, endogenous serum components, system components, and analyte heterogeneity. The Guide also includes the various sources of preanalytical interference and is intended to be used as a reference for the diagnostics and pharmaceutical industries with regard to choosing an assay design to minimize interferences and to product support specialists so they can respond to reports of erroneous results from their customers.

The Guide can be used to assist physicians, pharmacists, pathologists, physician assistants, and medical fellows, residents, and students in understanding not only how to detect erroneous immunoassay results before making clinical decisions based on them but how such interference can be resolved and correct results may be obtained. The information contained in this Quick Guide also clarifies laboratory assay utilization to help predict, diagnose, and monitor therapy for clinical conditions and disease.

Available Now from AACC Press!
This textbook should be of interest to clinical chemists; clinical pathologists; clinical laboratory directors, managers, supervisors, and technologists; pharmacists; poison control center specialists; and students, residents, and fellows. They will find valuable, state-of-the-art information in this book that will assist them in their practice and teaching of toxicology in the current clinical laboratory environment.
The *Quick Guide to Clinical Chemistry, Second Edition*, is a pocket-sized reference intended for physicians, nurses, physician assistants, nurse practitioners, medical technologists, pharmacists, and residents and students in those professions. This *Guide* focuses on the selection and use of chemistry laboratory tests for diagnosing and managing emergent conditions such as poisonings, acute abdominal pain, sepsis, and acute myocardial infarction.

The *Guide*’s small size allows it to be used in situations when quick decisions must be made regarding the ordering and interpretation of chemistry tests. The emergent clinical conditions and the associated laboratory tests are described together for quick reference.

Although this *Guide* reviews several clinical conditions, it is not intended to be a comprehensive guide to all clinical laboratory tests, nor is it intended to dictate what constitutes reasonable, appropriate, or best care in a given situation. Comprehensive references for such information currently exist. Instead, it should be seen as it is clearly named, a “Quick Guide” to clinical chemistry.
Clinical Chemistry is pleased to announce a special upcoming theme issue on Molecular Diagnostics edited by Drs. Rossa Chiu, Frank Cockerill, Dennis Lo, and Carl Wittwer.

Clinical Chemistry invites authors to submit original articles for this Special Issue on Molecular Diagnostics at http://submit.clinchem.org by June 1, 2014.

Your cover letter should express your interest in submitting your paper for consideration for the Molecular Diagnostics theme issue. Journal guidelines for submission apply as described in the Information for Authors at the submission website.

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