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Interested applicants should send their curriculum vitae, a brief statement of their career plans, and the names of three references by 31 March 2010 to:
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Reaching out to the World
Clinical Chemistry is pleased to announce a special upcoming theme issue on Diabetes Mellitus edited by Drs. Vivian Fonseca, Allison Goldfine and David Sacks entitled Diabetes: Advances and Controversies. Clinical Chemistry, published by the American Association for Clinical Chemistry, is the most highly cited forum for peer-reviewed, original research in the fields of Clinical Chemistry and Laboratory Medicine.

The purpose of this issue is to highlight recent advances in the pathophysiology of diabetes and the use of novel markers in the diagnosis or treatment of patients with diabetes. New technological developments provide opportunities for the institution of approaches using personalized medicine.

Clinical Chemistry invites authors to submit original articles related to diabetes to be considered for publication in this special issue. Manuscripts are most likely to be favorably received if they address novel technologies to diagnose, treat or prevent type 1 or type 2 diabetes or their complications.

Potential topics of interest include:

- Assessment of the risk of diabetes or diabetes complications using “omics”
- Measuring biomarkers of diabetes complications—oxidative stress, AGEs, RAGE
- Predictive models for developing diabetes and prediabetes
- Role of the gut in the pathogenesis of diabetes: hormones or microbiome
- Advances in glucose monitoring (clinical cases on this topic are welcome)
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Be a part of this exciting issue!

Submissions must be received through our online submission system at http://submit.clinchem.org no later than August 10, 2010. Your cover letter should express your interest in submitting your paper for consideration for the diabetes theme issue. Journal guidelines for submission apply as described at the submission website in Information for Authors.
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23rd International Symposium
September 22-25, 2010 • Marriott Copley Place Hotel • Boston, MA, USA

Abstract Submission Deadline: May 1, 2010

Abstracts are invited in the following categories:
- Integrating POCT into Patient Care Pathways and Patient Outcomes
- Microbiology and Infectious Disease Testing
- Innovation in New Technologies
- Point-of-Care Partnerships
- Controversies in POC and Critical Care Testing

Oral Presentations
8-10 abstracts will be selected for oral presentation during the symposium.

Poster Session
Posters of accepted abstracts will be displayed throughout the symposium.

Award for Best Abstracts
The CPOCT Division will award two travel grants of $500 each for best abstracts. One of the listed authors must attend the meeting.

Publication of Proceedings
Accepted abstracts and meeting proceedings will be published in Point of Care: The Journal of Near-Patient Testing & Technology.

For abstract specifications and the electronic abstract submission form, visit: http://www.aacc.org/events/meetings
Quick Guide to Coagulation Testing, 2nd Ed.

Marisa B. Marques and George A. Fritsma

2009, ~105 pages, spiral binding
ISBN 9781594250958
Product # 5644

Price only $20; AACC Member $16

The Quick Guide to Coagulation Testing, Second Edition, is a quick-access, readily available pocket reference for health practitioners who order, collect, perform, or interpret hemostasis laboratory test results or administer hemostasis-related therapy.

The Guide outlines the most common hemorrhagic and thrombotic conditions together with their respective assays to emphasize correct laboratory evaluation. Treatment discussions include the prophyactic and therapeutic application of non-biological, synthetic, and human blood-derived components to control bleeding, and the use of antithrombotics designed to prevent or resolve arterial and venous occlusions. The emphasis is on proper dosing and valid laboratory monitoring of hemostatic therapy.

New to the second edition is a series of introductory-reference tables summarizing hemostasis assays for various conditions with their reference intervals, and when applicable, therapeutic ranges. The discussion of platelet and coagulation physiology is expanded, platelet function testing is detailed, and new antithrombotic therapies are described with therapeutic monitoring recommendations. All portions of the second edition have been enhanced to reflect current international practice standards.

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The New ADA Guidelines: Using HbA1c in Diabetes Screening and Diagnosis

Wednesday, March 31, 2010 ~ 2:00-3:30 pm Eastern U.S. Time

In January, the American Diabetes Association (ADA) published significant changes to the laboratory test process used to diagnose new cases of diabetes and identify those at risk of developing the disease in its 2010 Standards of Medical Care in Diabetes. These new ADA guidelines now include the use of HbA1c not only to diagnose diabetes, but also to identify those most at risk of developing the disease.

During this must-attend webinar, you’ll learn firsthand from two world-renowned diabetes researchers—Drs. David Nathan and David Sacks—about how these changes came about and how they are now beginning to affect laboratorians, clinicians and patients.

You will know:

• Why the International Expert Committee believes that now’s the time to begin using HbA1c for diabetes diagnosis and risk assessment
• How testing protocols will change as a result of the addition of HbA1c
• How the new HbA1c reference ranges for diabetes diagnosis and risk assessment were determined
• What analytical issues labs should be aware of when performing HbA1c testing for diagnosis and risk assessment
• What’s new in HbA1c standardization efforts
• …and much more!

Target Audience: Laboratory administrators, directors, and managers; pathologists; diabetologists; primary care physicians; IVD industry professionals involved in the manufacture of HbA1c tests and others involved in diabetes screening and diagnosis.

The Experts:

Robert H. Christenson, PhD, DABCC, FACB, (Moderator), Professor of Pathology and of Medical and Research Technology at the University of Maryland, School of Medicine, and Director of the Clinical Chemistry, Toxicology, and Rapid Response Laboratories at the University of Maryland Medical Center, Baltimore, MD

David M. Nathan, MD, Professor of Medicine at Harvard University Medical School; Director, General Clinical Research Center; and Director, Massachusetts General Hospital Diabetes Center, Boston, Mass.

David B. Sacks, MB, ChB, FACP, Medical Director of Clinical Chemistry, Director, Clinical Pathology Residency Program, Brigham and Women’s Hospital and Associate Professor of Pathology at Harvard University Medical School, Boston, Mass.

“This is the first major departure in 30 years in diabetes diagnosis.”
—David Nathan, MD, Chair of the International Expert Committee on the Diagnosis of Diabetes, Medscape Medical News

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Tom Soh
University of California, Santa Barbara

Membrane Microfilter Device for Circulating Tumor Cells
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University of Miami

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Mauro Ferrari, PhD
Department of NanoMedicine and Biomedical Engineering,
University of Texas Health Science Center at Houston

An internationally recognized expert in the development and application of biomedical nanotechnology, Dr. Ferrari has received many national and international awards. From 2003 to 2005, he served as special expert on nanotechnology and eminent scholar at the NIH, where he led the development of NCI’s nanomedicine program.

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- Detection Systems for Next-Generation Diagnostics
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The level of instruction will be geared towards laboratory professionals who have a basic knowledge of the current theory and practice of molecular pathology, and who wish to increase their competence and skills in the newest principles and techniques in this field.

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This course is being presented by:
The American Association for Clinical Chemistry (AACC)
The Association for Molecular Pathology (AMP)
Critical Issues in Alcohol and Drugs of Abuse Testing

Edited by Amitava Dasgupta

2009, 319 pages, softcover
ISBN 9781594250934
Product # 5629

Price only $90; AACC Member $75

Critical Issues in Alcohol and Drugs of Abuse Testing addresses problems encountered in workplace alcohol and drug testing and how to resolve such problems. People try to pass drug tests by using a variety of urinary adulterants, and this book reviews, in detail, how to catch these cheaters. Ingestion of certain prescription medications or poppy seed-containing food, however, may also cause positive results in drug testing. Two chapters are devoted to reviewing true analytical positive results in drugs of abuse testing. In addition, drug testing using alternative specimens such as hair, saliva, and sweat is also addressed. Additional chapters review the following:

- Pharmacogenomics of alcohol abuse
- Pharmacogenomics of drugs of abuse
- Abuse of magic mushrooms, peyote cactus, khat, and volatiles
- Sports drug testing

Critical Issues in Alcohol and Drugs of Abuse Testing will be helpful to toxicologists, medical review officers, pathologists, and medical technologists as a quick handbook and reference book to address problems encountered in alcohol and drugs of abuse testing.

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