AACC membership is always the right choice for your career.

Join AACC today. aacc.org/join

Connect — to the world’s largest community of clinical laboratory scientists.

Grow — with the premier education, information, collaboration, and leadership resources in the field.

Advance — your specialty, your profession, and your career through shared knowledge and solutions.

All un-waived assays in the US require Calibration Verification. Aalto Scientific has been providing our customers with solutions for Quality Control Materials for more than 35 years; bringing novel assays to market faster, with fewer regulatory hurdles.

Aalto Scientific Ltd. - Custom OEM/Private Label Solutions for:
- Calibration Verification & Linearity
- Controls & Calibrators
- Proficiency Material
- Filling, Lyophilization & Packaging
- Antigen Purification

VISIT US AT STAND NO. Z4.J49 AT MEDLAB MIDDLE EAST 2017
AaltoScientific.com | aaltosales@aaltoscientific.com | 1.800.748.6674
Introducing GEM PREMIER 5000 with iQM2

The Intelligent Analyzer.

Assuring quality before, during and after sample analysis—for improved patient care.

New GEM Premier 5000 Critical Care whole-blood* testing system provides automated quality assurance with every sample. Now with next-generation Intelligent Quality Management (iQM2), featuring new IntraSpect™ technology, potential errors are detected not only before and after, but also during sample analysis, along with real-time correction and documentation. Plus, it’s simple—just change the all-in-one GEM PAK once a month. So regardless of testing location or point-of-care operator, quality results and compliance are assured with every sample.

Real-time assurance and advanced simplicity. Now that’s intelligent.

*Heparinized.
Not available in all countries.
Access the full potential of your lab

AACC’s new Institutional Subscription provides access to AACC’s library of Online Certificate Programs for your organization at special institutional rates.

AACC Online Certificate Programs offer:
- Expanded skills with expertise from industry leaders
- Convenience with self-paced training
- A wealth of CE credit

13 On-Demand Programs

Laboratory Management
- Basic Principles and Architecture of Laboratory Information Systems
- Clinical Laboratory Leadership and Management
- Laboratory Operational Management
- Patient Safety Essentials for Laboratory Professionals
- Practical Approaches to Quality Control in the Clinical Laboratory
- Regulatory Affairs for Laboratory Compliance
- Statistical Methods for Clinical Laboratorians

Laboratory Testing
- Fundamentals of Molecular Pathology
- Point-of-Care Specialist
- Improving Outcomes Through Point of Care Testing
- Principles of Clinical Toxicology

Laboratory Technology
- Basic Concepts and Clinical Applications of Flow Cytometry
- Introductory Liquid Chromatography Mass Spectrometry for the Clinical Laboratory

Visit www.aacc.org/InstitutionalCP or call +1 (202) 835-8747 for details.
The Quick Guide to Body Fluid Testing is intended to provide clinical laboratory directors, managers, and medical laboratory scientists with practical information to consider when testing body fluids. This concise pocket reference outlines the entire body fluid testing process, beginning with the preanalytical phase, which includes collection, labeling, transport, processing, and test requests/order management. Practical how-to guidance is provided to complete the analytical validation and includes figures that illustrate the preparation of specimens for each experiment and example calculations to manage and analyze the data for test performance verification in body fluid matrices. Postanalytical considerations are outlined, including best practices for reporting, and some common interpretive information about body fluid testing results is also provided.
Spiral binding
Copyright: 2014
Pages: 204
ISBN: 9781594251702
Product ID: 9260

Illicit drug chemists have been modifying structures of abused drugs to circumvent legal restrictions and evade detection. The novel compounds they create have been given the moniker "designer drugs."

The Quick Guide to Designer Drugs reviews the major classes of abused drugs where this phenomenon has been occurring. Included are discussions of designer cathinones (bath salts), synthetic cannabinoids (spice, K2), and designer phenethylamines and tryptamines, as well as analogs of benzodiazepines, ketamine, opioids, and phencyclidine. Specific sections are devoted to the designer cathinones and synthetic cannabinoids because of their popularity for use and abuse.

Price: $24.00 Member Price $20.00
Obesity: Innovative Approaches to Overcome Obstacles

Edited by Drs. Cara Ebbeling, Elizabeth Selvin, Bruce Y. Lee, and Ian Young. *Clinical Chemistry*, published by 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 the current status of obesity research; global trends, economic burden, implications for chronic disease, and the role of biochemical and genetic markers in understanding the pathophysiology and guiding therapy for obesity. Particular attention will be directed toward recent findings that address well-documented challenges to identifying and implementing effective obesity prevention and treatment strategies.

**Potential topics of interest include:**

### Population Perspectives
- National and global trends in obesity
- Economic burden and impact of obesity
- Obesity policies and population-level interventions

### Translational Research
- Role of biomarkers in understanding the pathophysiology of obesity
- Molecular and biochemical aspects of obesity
- Microbiome and obesity
- Role of neuropeptides in appetite regulation
- Role of ‘omics in diet and nutrition assessment
- Genetics of obesity

### Association with Health Risks
- Childhood obesity
- Psychological aspects of obesity
- Cardiometabolic consequences of obesity
- Diabetes, metabolic syndrome, and obesity
- Cancer and obesity

### Clinical Intervention Strategies
- Lifestyle interventions (behavioral approaches, diet, physical activity)
- Pharmacotherapy
- Surgery (including metabolic effects of bariatric surgery)

---

**Be a part of this special obesity issue**

**Submissions must be received at submit.clinchem.org by June 1, 2017**

*Clinical Chemistry* invites authors to submit original articles related to obesity research to be considered for publication in this special issue. Journal guidelines for submission apply as described in the Information for Authors.
Quick Guide to Transfusion Medicine
2nd Edition
Lance A Williams, III, Marisa B. Marques, and Margaret G. Fritsma

Spiral binding
Copyright: 2014
Pages: 169
ISBN: 9781594251719
Product ID: 9261

This new edition of the Quick Guide to Transfusion Medicine gives you expert-level knowledge in the palm of your hand. Within the Guide, you will learn about transfusion medicine from beginning to end. It covers donor blood collection and testing, product composition, indications and administration of blood components, and recognition and treatment of transfusion reactions.

Price: $24.00  Member Price: $20.00

ORDER ONLINE: http://www.aacc.org and click on the AACC Store link
CALL: (800) 892-1400 or (202) 857-0717   FAX: (202) 887-5093
MAIL: AACC Customer Service, 900 Seventh St. NW, Suite 400, Washington, DC 20001

www.aacc.org
WELCOME TO A NEW DIMENSION IN LABORATORY MEDICINE

This year, 20,000 of the sharpest minds in clinical laboratory medicine will come together for five science packed days in San Diego.

Envision your future: Hear from the foremost experts sharing their inventive ideas that are transforming the state of the clinical lab

Examine new technology: Explore the vision for clinical testing and patient care through the lenses of 750 exhibitors shaping the future of the lab

Connect with colleagues: Network and collaborate with this international community of change makers

Register today. www.aacc.org/2017am
Biogenic Amines by LC-MS/MS
The Full Range of Options

MassChrom® Biogenic Amines/Metabolites in Plasma and Urine
NEW: Metanephrines in Plasma!

- Kits for Plasma and Urine
- Different configurations depending on your requirements
- One chromatographic platform for all analytes in Urine
- Fully automated workflows available

Find out more: www.chromsystems.com/ba
MORE ASSAYS FOR LABS

CA 50  
CYFRA 21-1  
CA 242  NSE  
NT-proBNP  CA 72-4  
TRAb  Aldosterone  
Angiotensin I  
Angiotensin II  
HA  *Direct Renin  
hs-cTnl  LP-PLA2  
25-OH Vitamin D  
17-OH Progesterone  
IAA  H.pylori IgG  
GAD 65  free β-HCG  
cAFP  Pepsinogen II  
free Testosterone  Pepsinogen I  
*AMH  PAPP-A  
IA-2  ICA  

7000 units installed globally, 120 countries exported

With 138 assays from MAGLUMI Chemiluminescence Immunoassay (CLIA) System, which covers tumor markers, cardiac, fertility, thyroid and more, Snibe can provide more choices for your routine and specialty immunoassay.

MAGLUMI™ 800  
MAGLUMI™ 2000  
MAGLUMI™ 4000 Plus  

www.snibe.com
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.

2013, 150 pages | spiral binding
ISBN 9781594251443 | Product # 7293
PRICE ONLY $24 | AACC MEMBER $20

MAIL: AACC Customer Service 900 Seventh Street NW, Suite 400, Washington, DC 20001
ORDER ONLINE: http://www.aacc.org
FAX: (202) 887-5093
CALL: (800) 892-1400 or (202) 857-0717