

EDITORIALS

Challenge to Coordinate Harmonization Activities on an International Level G.L. Myers and W.G. Miller (see article on page 1447) **1429**

Quality Materials for Quality Assurance in the Analysis of Liquid Biopsy Samples J.C.H. Tsang and K.C.A. Chan (see article on page 1465) **1431**

PERSPECTIVE

Refining Measurement of Hemoglobin A_{1c} D.B. Sacks, I. Bebu, and J.M. Lachin **1433**

Q&A

 **The Role of Procalcitonin in Diagnosis of Sepsis and Antibiotic Stewardship: Opportunities and Challenges** Moderators: A.W.S. Fung, D. Beriault, and E.P. Diamandis; Experts: C.-A.D. Burnham, T. Dorman, M. Downing, J. Hayden, and B.J. Langford **1436**


CLINICAL CASE STUDY

Prolonged Prothrombin Time After Discontinuing Vitamin K Antagonist M.W.M. Schellings, M.P.M. de Maat, S. de Lathouder, and F. Weerkamp **1442**

Commentary C.S. Eby **1444**

Commentary A. Tripodi **1445**

SPECIAL REPORT


 **Implementing a Reference Measurement System for C-peptide: Successes and Lessons Learned** R.R. Little, R.I. Wielgosz, R. Josephs, T. Kinumi, A. Takatsu, H. Li, D. Stein, and C. Burns (see editorial on page 1429) **1447**

MINI-REVIEW

Impact of Sex on Cardiac Troponin Concentrations—A Critical Appraisal K.M. Eggers and B. Lindahl **1457**

ARTICLES

CANCER DIAGNOSTICS

Synthetic Circulating Cell-free DNA as Quality Control Materials for Somatic Mutation Detection in Liquid Biopsy for Cancer R. Zhang, R. Peng, Z. Li, P. Gao, S. Jia, X. Yang, J. Ding, Y. Han, J. Xie, and J. Li (see editorial on page 1431) **1465** 

Technical Stability and Biological Variability in MicroRNAs from Dried Blood Spots: A Lung Cancer Therapy-Monitoring Showcase M. Kahraman, T. Laufer, C. Backes, H. Schrörs, T. Fehlmann, N. Ludwig, J. Kohlhaas, E. Meese, T. Wehler, R. Bals, and A. Keller **1476**

ENDOCRINOLOGY AND METABOLISM

United States and European Multicenter Prospective Study for the Analytical Performance and Clinical Validation of a Novel Sensitive Fully Automated Immunoassay for Calcitonin G.J. Kahaly, A. Algeciras-Schimmich, T.E. Davis, T. Diana, J. Feldkamp, S. Karger, J. König, M.A. Lupo, F. Raue, M.D. Ringel, J.A. Sipos, and J. Kratzsch **1489**

MOLECULAR DIAGNOSTICS AND GENETICS

Analytically Sensitive Protein Detection in Microtiter Plates by Proximity Ligation with Rolling Circle Amplification T. Ebai, F.M.S. de Oliveira, L. Löf, L. Wik, C. Schweiger, A. Larsson, U. Keilholtz, J. Haybaeck, U. Landegren, and M. Kamali-Moghaddam **1497**

Reducing Artifactual EGFR T790M Mutations in DNA from Formalin-Fixed Paraffin-Embedded Tissue by Use of Thymine-DNA Glycosylase H. Do, R. Molania, P.L. Mitchell, R. Vaikunaite, J.D. Murdoch, and A. Dobrovic **1506**

Identification, Confirmation, and Replication of Novel Urinary MicroRNA Biomarkers in Lupus Nephritis and Diabetic Nephropathy M. Cardenas-Gonzalez, A. Srivastava, M. Pavkovic, V. Bijol, H.G. Rennke, I.E. Stillman, X. Zhang, S. Parikh, B.H. Rovin, M. Afkarian, I.H. de Boer, J. Himmelfarb, S.S. Waikar, and V.S. Vaidya **1515**

continued

ARTICLES, *continued*

OTHER AREAS OF CLINICAL CHEMISTRY

The EuBIVAS Project: Within- and Between-Subject Biological Variation Data for Serum Creatinine Using Enzymatic and Alkaline Picrate Methods and Implications for Monitoring A. Carobene, I. Marino, A. Coşkun, M. Serteser, I. Unsal, E. Guerra, W.A. Bartlett, S. Sandberg, A.K. Aarsand, M.S. Sylte, T. Røraas, U.Ø. Sølviik, P. Fernandez-Calle, J. Díaz-Garzón, F. Tosato, M. Plebani, N. Jonker, G. Barla, and F. Ceriotti on behalf of the European Biological Variation Study of the EFLM Working Group on Biological Variation **1527**

CITATION CLASSIC

MIQE: A Step Toward More Robust and Reproducible Quantitative PCR S.A. Bustin and C.T. Wittwer **1537**

LETTER TO THE EDITOR

Low IgE Is Insufficiently Sensitive to Guide Genetic Testing of *STAT3* Gain-of-Function Mutations S.G. Tangye, L.R. Forbes, J. Leiding, K. Preece, A.R. Kumar, E. Gambineri, J.D. Milner, M.A. Cooper, and M. Seppänen **1539**

CORRECTION

What Alert Thresholds Should Be Used to Identify Critical Risk Results: A Systematic Review of the Evidence C.A. Campbell, A. Georgiou, J.I. Westbrook, and A.R. Horvath **1541**

CLINICAL CHEMIST

WHAT IS YOUR GUESS?

Severe Abdominal Pain with Hyponatremia V. Leung-Pineda and D.P. Wilson **1544**

Ready to Settle Z. Shajani-Yi, A.A. Brunelle, and R.D. Nerenz **1546**

NEWS & VIEWS

2016 Clinical Chemistry Impact Factor **1548**

Fundamentals of Epidemiology Lecture Series on CCTC: For Better Study Design and Interpretation of Epidemiological Studies **1548**

Unveiling Fetal Development by Use of "Omics" E.E. Hardisty, N. Vora, and N. Korpi-Steiner **1549**

UNVEILING THE RIGHT SIDE

An Ode to "Measurement Uncertainty" U. Anand **1550**

SCIENCE IN THE ARTS

Art at the Time of Turmoil: Max Beckmann M.H. Dominiczak **1552**

ONLINE CONTENT

JOURNAL CLUB

Selected articles made freely available, including helpful slides and key points for discussion in your Journal Club. The link below provides free access to both the article and Journal Club content.

Overinterpretation of Research Findings: Evidence of "Spin" in Systematic Reviews of Diagnostic Accuracy Studies Trevor A. McGrath, Matthew D.F. McInnes, Nick van Es, Mariska M.G. Leeflang, Daniël A. Korevaar, Patrick M.M. Bossuyt
www.clinchem.org/content/63/8/1353

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ON THE COVER Woman clutching her painful chest. There are profound differences between the sexes regarding cardiac physiology and the development of heart disease. These differences can affect the concentrations of circulating diagnostic and prognostic biomarkers.

Cardiac troponin (cTn) has become the gold standard biomarker for the detection of myocardial infarction and, given the observed differences in the distribution of cTn concentrations between the sexes, expert task forces have endorsed the use of sex-specific cut-offs for high-sensitivity (hs) cTn assays. However, does the use of sex-specific hs-cTn 99th percentiles really affect clinical management and improve outcome prediction compared to a single 99th percentile for both men and women? Are we adding unnecessary complexity to the decision-making process? This issue of *Clinical Chemistry* contains a review of the published studies investigating the interrelation between hs-cTn and sex, diagnostic classification and outcome prediction in different settings. (See page 1457.) ©Getty Images/VOISIN. Reproduced with permission.



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