

## EDITORIAL

- Iron in Coronary Heart Disease—J-Shaped Associations and Ambivalent Relationships**  
A. von Eckardstein (see article on page 849) **821**

## PERSPECTIVE

- Rapid One-Step Plasma Test for the Electrochemical and Colorimetric Detection of a Universal Cancer Biomarker** J.-S. Lee **824**


## Q&A

- Biobanking for Metabolomics and Lipidomics in Precision Medicine** Moderator: J.A. Kirwan; Experts: R. Kaddurah-Daouk, T. Mitchell, T. Pischon, M.A. Schmidt, and V. Velagapudi **827**

## CLINICAL CASE STUDY

- Hypercalcemia and Altered Mental Status**  
P.E. Young, A.O. Okorodudu, and S.G. Yates **833**
- Commentary** C.R. McCudden **836**
- Commentary** D.L. Murray **837**

## REVIEW

-  **The National Glycohemoglobin Standardization Program: Over 20 Years of Improving Hemoglobin A<sub>1c</sub> Measurement** R.R. Little, C. Rohlfing, and D.B. Sacks **839**

## ARTICLES

### HEMATOLOGY

- Iron Metabolism, Hepcidin, and Mortality (the Ludwigshafen Risk and Cardiovascular Health Study)** T.B. Grammer, H. Scharnagl, A. Dressel, M.E. Kleber, G. Silbernagel, S. Pilz, A. Tomaschitz, W. Koenig, B. Mueller-Myhsok, W. März, and P. Strnad (see editorial on page 821) **849**

### DRUG MONITORING AND TOXICOLOGY

- Optimization and Comparison of Information-Dependent Acquisition (IDA) to Sequential Window Acquisition of All Theoretical Fragment Ion Spectra (SWATH) for High-Resolution Mass Spectrometry in Clinical Toxicology** J.D. Whitman and K.L. Lynch **862**

## PROTEOMICS AND PROTEIN MARKERS

- Temporal Changes in Cardiac Troponin I Are Associated with Risk of Cardiovascular Events in the General Population: The Nord-Trøndelag Health Study** M.N. Lyngbakken, H. Røsjø, O.L. Holmen, H. Dalen, K. Hveem, and T. Omland **871**

- Full-Size and Partially Truncated Cardiac Troponin Complexes in the Blood of Patients with Acute Myocardial Infarction** A.V. Vylegzhanina, A.E. Kogan, I.A. Katrukha, E.V. Koshkina, A.V. Bereznikova, V.L. Filatov, M.N. Bloschitsyna, A.P. Bogomolova, and A.G. Katrukha **882**

- High-Sensitivity Cardiac Troponin I Assay for Early Diagnosis of Acute Myocardial Infarction** J. Boeddinghaus, T. Nestelberger, R. Twerenbold, L. Koechlin, M. Meier, V. Troester, D. Wussler, P. Badertscher, K. Wildi, C. Puelacher, J. du Fay de Lavallaz, M. Rubini Giménez, T. Zimmermann, B. Hafner, E. Potlukova, Ö. Miró, F.J. Martin-Sanchez, D.I. Keller, T. Reichlin, and C. Mueller for the APACE investigators **893**

## CANCER DIAGNOSTICS

- Noncoding RNAs Serve as Diagnosis and Prognosis Biomarkers for Hepatocellular Carcinoma** C. Tan, J. Cao, L. Chen, X. Xi, S. Wang, Y. Zhu, L. Yang, L. Ma, D. Wang, J. Yin, T. Zhang, and Z.J. Lu **905**

- Detection of Colorectal Cancer in Circulating Cell-Free DNA by Methylated CpG Tandem Amplification and Sequencing** J. Li, X. Zhou, X. Liu, J. Ren, J. Wang, W. Wang, Y. Zheng, X. Shi, T. Sun, Z. Li, A. Kang, F. Tang, L. Wen, and W. Fu **916**

## MOLECULAR DIAGNOSTICS AND GENETICS

- Noninvasive Detection of Bladder Cancer by Shallow-Depth Genome-Wide Bisulfite Sequencing of Urinary Cell-Free DNA for Methylation and Copy Number Profiling** T.H.T. Cheng, P. Jiang, J.Y.C. Teoh, M.M.S. Heung, J.C.W. Tam, X. Sun, W.-S. Lee, M. Ni, R.C.K. Chan, C.-F. Ng, K.C.A. Chan, R.W.K. Chiu, and Y.M.D. Lo **927**

## CITATION CLASSIC

- Hyperglycemia and Adverse Pregnancy Outcomes** B.E. Metzger, D.R. Coustan, and E.R. Trimble **937**

*continued*

## CLINICAL CHEMIST

### WHAT IS YOUR GUESS?

**A Slight Shade of Green** T.R. Kononen, K.M. Mooney, and K.A. Hoekstra **939**

### UNVEILING THE RIGHT SIDE

**Glycine: The Queen of Innovation** U. Anand **941**

## 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.

**Generation of Highly Biomimetic Quality Control Materials for Noninvasive Prenatal Testing Based on Enzymatic Digestion of Matched Mother-Child Cell Lines** Rui Zhang, Jiansheng Ding, Peng Gao, Ziyang Li, Ping Tan, Jinming Li  
[www.clinchem.org/content/65/6/761](http://www.clinchem.org/content/65/6/761)

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 Primary Antibody Deficiencies  
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**ON THE COVER** Iron Heart. In the same way that iron rebar has contributed to the heart image here, in humans, iron makes an important contribution to heart health. Although iron is essential to the function of many tissues, iron is highly reactive and can cause oxidative stress and is sequestered by transferrin in blood and bound to ferritin in tissues. Hepsidin is also a regulator of iron, but there have been conflicting results about the relationship between hepcidin concentrations and cardiovascular mortality. This issue of *Clinical Chemistry* contains important results from the Ludwigshafen Risk and Cardiovascular Health Study where the authors investigated the role of iron metabolism and hepcidin in cardiovascular and total mortality in patients undergoing coronary angiography. (See page 849.) Reproduced with permission from Flickr/Mattias Rizzi.



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