EDITORIALS

CSF Serine Enantiomers and Glycine in the Study of Neurologic and Psychiatric Disorders K. Hashimoto (see article on page 1443) 1413

Saliva Analysis for Monitoring Dialysis and Renal Function R.M. Nagler (see article on page 1473) 1415

Coffee Consumption and Coronary Heart Disease: Paradoxical Effects on Biological Risk Factors versus Disease Incidence R.M. van Dam (see article on page 1489) 1418

PERSPECTIVE


MINI-REVIEW

Defining a Role for Novel Biomarkers in Acute Coronary Syndromes M.P. Bonaca and D.A. Morrow 1424

REVIEW

Key Issues in the Developing Synergism between Cardiovascular Imaging and Biomarkers A.S. Jaffe 1432

ARTICLES

AUTOMATION AND ANALYTICAL TECHNIQUES


Quantification of Carnitine and Acylcarnitines in Biological Matrices by HPLC Electrospray Ionization–Mass Spectrometry P.E. Minkler, M.S.K. Stoll, S.T. Ingalls, S. Yang, J. Kerner, and C.L. Hoppel 1451

HPLC with UV or Mass Spectrometric Detection for Quantifying Endogenous Uraicil and Dihydrouracil in Human Plasma R. Švobaité, I. Solassol, F. Pinguet, L. Ivanauskas, J. Brės, and F.M.M. Bressolle 1463

Use of Colorimetric Test Strips for Monitoring the Effect of Hemodialysis on Salivary Nitrate and Uric Acid in Patients with End-Stage Renal Disease: A Proof of Principle T.M. Blicharz, D.M. Rissin, M. Bowden, R.B. Hayman, C. DiCesare, J.S. Bhatia, N. Grand-Pierre, W.L. Siqueira, E.J. Helmerhorst, J. Loscalzo, F.G. Oppenheim, and D.R. Walt (see editorial on page 1415) 1473

Disposable Reagentless Electrochemical Immunosensor Array Based on a Biopolymer/Sol-Gel Membrane for Simultaneous Measurement of Several Tumor Markers J. Wu, F. Yan, X. Zhang, Y. Yan, J. Tang, and H. Ju 1481

NUTRITION

Coffee Consumption and Circulating B-Vitamins in Healthy Middle-Aged Men and Women A. Ulvik, S.E. Vollset, G. Hoff, and P.M. Ueland (see editorial on page 1418) 1489

GENERAL CLINICAL CHEMISTRY

Prognostic Value of Chromogranin A at Admission in Critically Ill Patients: A Cohort Study in a Medical Intensive Care Unit D. Zhang, T. Lavaux, A.-C. Voegeli, T. Lavigne, V. Castelain, N. Meyer, R. Sapin, D. Aunis, M.-H. Metz-Bouteille, and F. Schneider 1497

Comparison between Immunoturbidimetry, Size-Exclusion Chromatography, and LC-MS to Quantify Urinary Albumin A. Shaikh, J.C. Seegmiller, T.M. Borland, B.E. Burns, P.M. Ladwig, R.J. Singh, R. Kumar, T.S. Larson, and J.C. Lieske 1504

PROTEOMICS AND PROTEIN MARKERS


DRUG MONITORING AND TOXICOLOGY


continued