

EDITORIAL

- Cardiac Troponins: Molecules of Many Surprises**
G.S. Bodor (see article on page 1094) **1059**

PERSPECTIVE

- A Novel Discovery Platform: Aptamers for the Quantification of Human Proteins** G.S. Baird and A.N. Hoofnagle **1061**

Q&A

- Wellness Initiatives: Benefits and Limitations**
Moderators: M. Li and E.P. Diamandis; Experts: N. Paneth, K.-T.J. Yeo, H. Vogt, and S.R. Master **1063**

CLINICAL CASE STUDY

- An Adolescent with Increased Plasma Methylmalonic Acid and Total Homocysteine** X. Fu, C. Francisco, P. Pattengale, M.R. O’Gorman, and W.G. Mitchell **1069**
- Commentary**
K.L. Lynch **1072**
- Commentary**
A. Wilks and R.C. Bucelli **1073**

SPECIAL REPORT

- Nonanalytic Laboratory Automation: A Quarter Century of Progress** C.D. Hawker **1074**

REVIEW

- Analysis of Biological Interactions by Affinity Chromatography: Clinical and Pharmaceutical Applications** D.S. Hage **1083**

ARTICLES

PROTEOMICS AND PROTEIN MARKERS



- Thrombin-Mediated Degradation of Human Cardiac Troponin T** I.A. Katrukha, A.E. Kogan, A.V. Vylegzhanina, M.V. Serebryakova, E.V. Koshkina, A.V. Bereznikova, and A.G. Katrukha (see editorial on page 1059) **1094**

- Prognostic Value of Inflammatory and Cardiovascular Biomarkers for Prediction of 90-Day All-Cause Mortality after Acute Ischemic Stroke—Results from the Linz Stroke Unit Study** B. Dieplinger, C. Bocksrucker, M. Egger, C. Eggers, M. Haltmayer, and T. Mueller **1101**

- Development of a BNP1-32 Immunoassay That Does Not Cross-React with proBNP** L.K. Lewis, S.D. Raudsepp, T.G. Yandle, T.C. Prickett, and A.M. Richards **1110**

PEDIATRIC CLINICAL CHEMISTRY

- Multiplex Tandem Mass Spectrometry Enzymatic Activity Assay for Newborn Screening of the Mucopolysaccharidoses and Type 2 Neuronal Ceroid Lipofuscinosis** Y. Liu, F. Yi, A.B. Kumar, N.K. Chennamaneni, X. Hong, C.R. Scott, M.H. Gelb, and F. Turecek **1118**

MOLECULAR DIAGNOSTICS AND GENETICS

- Single-Tube Dodecaplex PCR Panel of Polymorphic Microsatellite Markers Closely Linked to the DMPK CTG Repeat for Preimplantation Genetic Diagnosis of Myotonic Dystrophy Type 1** M. Lian, M. Zhao, C.G. Lee, and S.S. Chong **1127**

OTHER AREAS OF CLINICAL CHEMISTRY

- Biological Variation Estimates Obtained from 91 Healthy Study Participants for 9 Enzymes in Serum** A. Carobene, T. Røraas, U.Ø. Sølvik, M.S. Sylte, S. Sandberg, E. Guerra, I. Marino, N. Jonker, G. Barla, W.A. Bartlett, P. Fernandez-Calle, J. Díaz-Garzón, F. Tosato, M. Plebani, A. Coşkun, M. Serteser, I. Unsal, and F. Ceriotti on behalf of the European Biological Variation Study of the EFLM Working Group on Biological Variation **1141**

- Plasma Urate, Cancer Incidence, and All-Cause Mortality: A Mendelian Randomization Study** C.J. Kobylecki, S. Afzal, and B.G. Nordestgaard **1151**

CITATION CLASSIC

- Estimating Glomerular Filtration Rate Using Serum Creatinine** A.S. Levey and J.H. Eckfeldt **1161**

continued

LETTERS TO THE EDITOR

Effect of Repeat Measurements of High-Sensitivity Cardiac Troponin on the Same Sample Using the European Society of Cardiology 0-Hour/1-Hour or 2-Hour Algorithms for Early Rule-Out and Rule-In for Myocardial Infarction P.A. Kavsak, L. Clark, and A.S. Jaffe **1163**

A Critical Appraisal of the Recent IFCC Statements on Cardiac Troponin Assays E. Giannitsis and M. Mueller-Hennessen **1165**

In Reply F.S. Apple, Y. Sandoval, and A.S. Jaffe **1167**

CLINICAL CHEMIST

GENETIC METABOLIC SERIES

Raised Anion Gap Metabolic Acidosis in a 4-Day-Old Child R.W.A. Peake and L.H. Rodan **1171**

WHAT IS YOUR GUESS?

Increased Alkaline Phosphatase in a Child O.O. Oladipo, A.J. DeCrescenzo, C.P. Marquez, and A.O. Okorodudu **1174**

NEWS & VIEWS

The Editor-in-Chief of *Clinical Chemistry* chats with the Editor-in-Chief of *NEJM* Group about AACC Learning Lab for Laboratory Medicine on NEJM Knowledge+ **1175**

UNVEILING THE RIGHT SIDE

Finding a Career after Completing a PhD N. Musrap **1176**

SCIENCE IN THE ARTS

On Drawing M.H. Dominiczak **1178**

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.

Single-Stranded DNA Library Preparation Preferentially Enriches Short Maternal DNA in Maternal Plasma Joaquim S.L. Vong, Jason C.H. Tsang, Peiyong Jiang, Wing-Shan Lee, Tak Yeung Leung, K.C. Allen Chan, Rossa W.K. Chiu, and Y.M. Dennis Lo

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ON THE COVER Mikhail Semyonovich Tsvet (1872-1919). Mikhail Tsvet's research into plant pigments led him to invent chromatography in 1903. His technique was largely ignored and only came into the mainstream after Martin and Synge obtained the Nobel Prize for

describing the theory behind the separation of components in a mixture by having each solute distributed between a liquid mobile phase and a stationary phase. But perhaps Tsvet received the highest recognition of all: the inscription on his grave states, "He invented chromatography, separating molecules but uniting peoples." Chromatography has advanced substantially since its early days, with affinity chromatography becoming a rapidly expanding application of chromatographic separation to clinical and pharmaceutical analyses. This issue of *Clinical Chemistry* contains a comprehensive review of the various methods used to examine biological interactions by affinity chromatography, with an emphasis on the recent applications of high-performance affinity chromatography. (See page 1083.)



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