EDITORIALS

On the Path from Materials Chemistry to Clinical Use  S.K. Sia (see article on page 610)  573

Tacrolimus Measurement: Building a Better Immunoassay  V. Gounden and S.J. Soldin (see article on page 621)  575

Blood Glucose Monitoring in the Intensive Care Unit: Toward Defining Bias and Imprecision Thresholds for (Near) Continuous Sensors  G. Van den Bergh (see article on page 644)  577

The Time Has Come to Register Diagnostic and Prognostic Research  D.G. Altman (see article on page 651)  580

INSPIRING MINDS

Fred Apple  M. Landau  583

PERSPECTIVE

What’s Your Subtype? The Epidemiologic Utility of Bacterial Whole-Genome Sequencing  T.J. Sandora, P. Gerner-Smidt, and A.J. McAdam  586

Q&A


CLINICAL CASE STUDY

A 70-Year-Old Man with Blue Skin  I. Shu and P. Wang  595

COMMENTARIES

S.S. Abdelmoneim, S. Mankad, and S.L. Mulvagh  598

N.S. Harris, L.A.L. Bazydlo, and W.E. Winter  599

REVIEW

Vitamin D and Cardiovascular Disease: An Appraisal of the Evidence  P.F. Schnatz and J.E. Manson  600

AUTOMATION AND ANALYTICAL TECHNIQUES


DRUG MONITORING AND TOXICOLOGY

Sandwich Assay for Tacrolimus Using 2 Antitacrolimus Antibodies  T.Q. Wei, Y.F. Zheng, M. Dubowy, and M. Sharma (see editorial on page 575)  621


ENDOCRINOLOGY AND METABOLISM

Effects of Measurement Frequency on Analytical Quality Required for Glucose Measurements in Intensive Care Units: Assessments by Simulation Models  J.C. Boyd and D.E. Bruns (see editorial on page 577)  644

EVIDENCE-BASED MEDICINE AND TEST UTILIZATION

Publication and Reporting of Test Accuracy Studies Registered in ClinicalTrials.gov  D.A. Korevaar, E.A. Ochodo, P.M.M. Bossuyt, and L. Hooft (see editorial on page 580)  651

POINT-OF-CARE TESTING


Screening Method to Evaluate Point-of-Care Human Chorionic Gonadotropin (hCG) Devices for Susceptibility to the Hook Effect by hCG β Core Fragment: Evaluation of 11 Devices  R.D. Nerenz, H. Song, and A.M. Gronowski  667

continued
ARTICLES, continued

HEMATOLOGY

Posttransplantation Bone Marrow Assessment by Quantifying Hematopoietic Cell–Derived mRNAs in Plasma Exosomes/Microvesicles

PROTEOMICS AND PROTEIN MARKERS

Quantification of Tau in Cerebrospinal Fluid by Immunoaffinity Enrichment and Tandem Mass Spectrometry

LETTERS TO THE EDITOR

Accurate Fetal Chromosome Dosage Determination by Shotgun Sequencing of Maternal Plasma DNA without PCR Amplification during Library Preparation
S. Jin, Y.C. Lim, D.P.Y. Ng, H.Y. Law, K.Y.C. Kwek, G.S.H. Yeo, and C. Ding 690

Response Factor–Based Quantification for Mycophenolic Acid
S. Pauwels, N. Peersman, M. Gerits, K. Desmet, and P. Vermeersch 692

CLINICAL CHEMIST

WHAT IS YOUR GUESS?

A Case of Green Blood
Q.H. Meng, B. Handy, and E. Wagar 695

Positive Propylene Glycol Result in a Patient with Ethylene Glycol Poisoning
Z. Su, R.W. Stone, and Y. Zhu 697

TECHNOLOGY CORNER

A Two-Pronged Approach
M. Webster and V.S. Kumar 699

UNVEILING THE RIGHT SIDE

Hypothetical Structure of Prostate-Specific Antigen
M.D. Hollenberg 702

SCIENCE IN THE ARTS

Physician Writers: Anton Chekhov
M.H. Dominiczak 703

continued
Long-term Prognostic Value for Patients with Chronic Heart Failure of Estimated Glomerular Filtration Rate Calculated with the New CKD-EPI Equations Containing Cystatin C

E. Zamora, J. Lupón, M. de Antonio, J. Vila, J. Peñafiel, A. Galán, A. Urrutia, M. Domingo, and A. Bayes-Genis

http://www.clinchem.org/content/60/3/481.full

Access the article by using the link above and by selecting Journal Club in the right-hand column.