ARTICLES

NUTRITION

Dairy Consumption and Body Mass Index Among Adults: Mendelian Randomization Analysis of 184,802 Individuals from 25 Studies
Mendelian Randomization of Dairy Consumption Working Group (see editorial on page 4)

ENDOCRINOLOGY AND METABOLISM

Genetic Evidence That Carbohydrate-Stimulated Insulin Secretion Leads to Obesity
C.M. Astley, J.N. Todd, R.M. Salem, S. Vedantam, C.B. Ebbeling, P.L. Huang, D.S. Ludwig, J.N. Hirschhorn, and J.C. Florez (see editorial on page 7)

LIPIDS, LIPOPROTEINS, AND CARDIOVASCULAR RISK FACTORS

Weight History and Subclinical Myocardial Damage
C.E. Ndumele, L. Cobb, M. Lazo, N.A. Bello, A. Shah, V. Nambi, R.S. Blumenthal, G. Gerstenblith, S.D. Solomon, C.M. Ballantyne, E. Selvin, and J. Coresh (see editorial on page 10)

Adipose Tissue LPL Methylation is Associated with Triglyceride Concentrations in the Metabolic Syndrome
D. Castellano-Castillo, I. Moreno-Indias, J.C. Fernández-García, J. Alcaide-Torres, I. Moreno-Santos, L. Ocaña, E. Gluckman, F. Tinahones, M.I. Queipo-Ortuño, and F. Cardona

Remnant Cholesterol and Myocardial Infarction in Normal Weight, Overweight, and Obese Individuals from the Copenhagen General Population Study
A. Varbo, J.J. Freiberg, and B.G. Nordestgaard

Adiposity and Genetic Factors in Relation to Triglycerides and Triglyceride-Rich Lipoproteins in the Women’s Genome Health Study
S. Ahmad, S. Mora, P.W. Franks, M. Orho-Melander, P.M. Ridker, F.B. Hu, and D.I. Chasman

CLINICAL CHEMIST

WHAT IS YOUR GUESS?

Increased C-Reactive Protein in Healthy Controls
M.R. McGill and A.M. Gronowski

UNVEILING THE RIGHT SIDE

Adipose Tissue at the Party
U. Anand

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.

High-Resolution, Accurate-Mass (HRAM) Mass Spectrometry Urine Steroid Profiling in the Diagnosis of Adrenal Disorders
Jolaine M. Hines, Irina Bancos, Cristian Bancos, Raman D. Singh, Aditya V. Avula, William F. Young, Stefan K. Grebe, Ravinder J. Singh
www.clinchem.org/content/63/12/1824

PEARS OF LABORATORY MEDICINE

Clinical Chemistry Trainee Council (CCTC) is a free online program for residents and fellows in laboratory medicine. The program provides a wealth of free educational materials and interactive tools, including Podcasts, Guide to Scientific Writing, Question Bank, Pearls of Laboratory Medicine, and much more. The Pearls are brief presentations on one key topic succinctly presented using slides, audio, and transcript supplements.

Join the CCTC today (traineeecouncil.org) for free access to the following Pearl of Laboratory Medicine. With over 100 Pearls now available, 3 are highlighted here.

Alison Woodworth
Sepsis and the Clinical Laboratory
10.15428/CCTC.2013.211383

Nahla Heikal
Thrombotic Thrombocytopenic Purpura (TTP) and Clinical Importance of ADAMTS 13 Assay
10.15428/CCTC.2017.278879

Kristen Jurcic Smith
Diagnosis of Dimorphic Fungi Endemic to the United States
10.15428/CCTC.2017.277061

ACCENT®—CONTINUING EDUCATION CREDIT FOR READERS OF CLINICAL CHEMISTRY

For more information go to http://www.aacc.org/education-and-career/clinical-chemistry-journal-continuing-education-credits
ON THE COVER  The supersize burger. This image evokes one of two questions: Doesn’t that look good? or How many calories are in that thing? The fact that we respond more to the former at an alarming rate is the reason why there is an obesity crisis around the world. Yet, while it is accepted that excessive caloric intake is a relevant factor, the causes of obesity and best strategies to reverse trends in the prevalence of the disease are topics of much debate. Thus, it is timely to devote this special issue of Clinical Chemistry to the problem of obesity and current research to inform strategies for addressing the problem. In addition to issues of relevance to laboratory medicine, the articles in this issue provide an overview of the challenges that obesity presents to the broader scientific community. Reproduced with permission: Philippe Lopez/Getty Images.