EDITORIALS

Intermuscular lipid: a marker of disordered fat partitioning or the consequence of obesity?  SC Elbein and N Rasouli
See corresponding article on page 1590.  1585

The first months of life: a critical period for development of obesity.  MW Gillman
See corresponding articles on pages 1760, 1769, and 1818.  1587

ORIGINAL RESEARCH COMMUNICATIONS

Obesity and eating disorders

Adipose tissue infiltration in skeletal muscle: age patterns and association with diabetes among men of African ancestry.  I Miljkovic-Gacic et al
See corresponding editorial on page 1585.  1590

Does sympathoadrenal activity predict changes in body fat? An 18-y follow-up study.  A Flaa et al  1596

The effect of meal replacements high in glycomacropeptide on weight loss and markers of cardiovascular disease risk.  JB Keogh and P Clifton  1602

Genetic variants of Clock transcription factor are associated with individual susceptibility to obesity.  S Sookoian et al  1606

Lipids

Effects of docosahexaenoic acid–rich n–3 fatty acid supplementation on cytokine release from blood mononuclear leukocytes: the OmegAD study.  I Vedin et al  1616

Effect of protein, unsaturated fat, and carbohydrate intakes on plasma apolipoprotein B and VLDL and LDL containing apolipoprotein C-III: results from the OmniHeart Trial.  JD Furtado et al  1623

Cardiovascular disease risk

Serum 25-hydroxyvitamin D status and cardiovascular outcomes in chronic peritoneal dialysis patients: a 3-y prospective cohort study.  AY-M Wang et al  1631

Nutritional status, dietary intake, and body composition

Nutritional indicators of adverse pregnancy outcomes and mother-to-child transmission of HIV among HIV-infected women.  S Mehta et al  1639

Associations between the Youth/Adolescent Questionnaire, the Youth/Adolescent Activity Questionnaire, and body mass index z score in low-income inner-city fourth through sixth grade children.  KE Borradaile et al  1650

Preoperative unintended weight loss and low body mass index in relation to complications and length of stay after cardiac surgery.  LMW van Venrooij et al  1656

Sugar-sweetened beverages and body mass index in children and adolescents: a meta-analysis.  RA Forshee et al  1662

Modeling circadian rhythms of food intake by means of parametric deconvolution: results from studies of the night eating syndrome.  RC Boston et al  1672

Comparison of different nutritional assessments and body-composition measurements in detecting malnutrition among gynecologic cancer patients.  B Laky et al  1678

Carbohydrate metabolism and diabetes

Glucoregulation is more precise in women than in men during postexercise recovery.  GC Henderson et al  1686

Energy and protein metabolism

Familial influences and obesity-associated metabolic risk factors contribute to the variation in resting energy expenditure: the Kiel Obesity Prevention Study.  A Bosy-Westphal et al  1695

Urea-nitrogen production and salvage are modulated by protein intake in fed humans: results of an oral stable-isotope-tracer protocol and compartmental modeling.  H Fouillet et al  1702

Vitamins, minerals, and phytochemicals

A micronutrient-fortified seasoning powder reduces morbidity and improves short-term cognitive function, but has no effect on anthropometric measures in primary school children in northeast Thailand: a randomized controlled trial.  MS Manger et al  1715

Sex differences in the inhibition of γ-tocopherol metabolism by a single dose of dietary sesame oil in healthy subjects.  J Frank et al  1723

Vitamin A equivalence of spirulina β-carotene in Chinese adults as assessed by using a stable-isotope reference method.  J Wang et al  1730

25-Hydroxylation of vitamin D₃: relation to circulating vitamin D₃ under various input conditions.  RP Heaney et al  1738

Continued on Table of Contents inside

SUPPLEMENT

Beyond Cholesterol: Prevention and Treatment of Coronary Heart Disease with n–3 Fatty Acids  1971S
Call for Nominations

The North American branch of the International Life Sciences Institute (ILSI NA) is a public, nonprofit scientific foundation, advancing the understanding and application of scientific issues related to the nutritional quality and safety of the food supply as well as health issues related to consumer self-care products. ILSI NA strives to foster the career and development of outstanding new scientists, and so is soliciting nominations of individuals to be considered to receive its 2009 Future Leader Awards.

The ILSI NA Future Leader Award, given to promising nutrition and food scientists, allows new investigators the opportunity to add to an existing project or to conduct exploratory research that might not receive funding from other sources. Proposed research must be in the areas of experimental nutrition, nutrition and food safety, or nutrition and food science. These 2-year grants ($15,000 per year) may not be used for overhead or to support the investigator’s salary.

Nominees must have a doctoral degree; be within 5 years of the first tenure track position, or stable employment at a reputable research institute; and be a resident of North America. Nominees should request that 3 letters of nomination be submitted to ILSI NA, one by the department head and two from other senior faculty or former professors (letters should include specific information on the nominee’s leadership qualities, area of interest, and special capabilities), and send a one-page letter to ILSI NA with complete contact information, names of referees, and a current curriculum vitae. The deadline for receipt of all materials is June 20, 2008. For further information, contact Frances DeLuca [phone: (202) 659-0074; e-mail: fdeluca@ilsi.org]. Internet: www.ilsina.org.
June 12–15, 2008
Food as Medicine Professional Nutrition Training Program, Baltimore, MD. Sponsored by the Center for Mind-Body Medicine. For further information, send an e-mail to fam@cmbm.org or phone (202) 966-7338. Internet: http://www.cmbm.org/holistic_medicine_PROFESSIONAL_TRAINING_EDUCATION/food_as_medicine_description.php.

July 20–25, 2008
Federation of American Societies for Experimental Biology (FASEB) Summer Conference: Molecular Mechanisms Involved in the Nutrient Control of Cellular Function and Metabolism, Carefree, AZ. Sponsored by FASEB. For further information, contact FASEB Summer Research Conferences, 9650 Rockville Pike, Bethesda, MD 20814. Internet: https://secure.faseb.org/faseb/meetings/Summrconf/Programs/11715.pdf

August 8–13, 2008

August 10–15, 2008
Federation of American Societies for Experimental Biology (FASEB) Summer Research Conference on Folic Acid, Vitamin B12, and One Carbon Metabolism, Lucca, Italy. Deadline for abstract submission is July 1, 2008. Contact ASN member Charles H Halsted at chhalsted@ucdavis.edu regarding potential industry and corporate support for this meeting. For further information, please visit http://src.faseb.org.

August 11–13, 2008
National Center for Health Statistics (NCHS) Data Users Conference, Washington, DC. For further information, contact the National Center for Health Statistics, 3311 Toledo Rd, Hyattsville, MD 20782. Phone: (800) 232-4636. E-mail: nchquery@cdc.gov. Internet: http://www.cdc.gov/nchs/events/duc2008/08duc_postcard.htm.

September 2–4, 2008
25th International Council on Physical Activity and Fitness Research (ICPAFR) Symposium: Where Physical Activity, Nutrition, and Body Composition Meet, Loma Linda, CA. Presented by the ICPAFR and the Loma Linda University School of Public Health. Deadline for abstract submission is June 30, 2008. For further information, contact Venice Brown, Conference Coordinator, 10970 Parkland Street, Loma Linda University, Loma Linda, CA 92350. Phone: (909) 558-4595. Fax: (909) 558-0182. E-mail: vbrown@llu.edu. Internet: http://llu.edu/llu/sph/cpe/icpafri.html.

September 27–28, 2008
National Institutes of Health (NIH) Workshop on Mathematical Modeling of Human Metabolism and Body Weight Regulation, Bethesda, MD. For further information, contact Kevin Hall, National Institute of Diabetes & Digestive & Kidney Diseases, at kevinh@niddk.nih.gov. Internet: http://www.mitacs.ca/conferences/HMBW/.

September 27–30, 2008
13th International Congress on Hormonal Steroids and Hormones & Cancer, Quebec, Quebec, Canada. Deadline for abstract submission is June 23, 2008. For further information, contact CRCHUL, 2705 Laurier Blvd, 4th Floor, T4-44, Quebec G1V 4G2, QC, Canada. Phone: (418) 654-2704. Fax: (418) 654-2735. E-mail: info@ichshc2008.com. Internet: http://www.ichshc2008.com.