CONTENTS

Original Research Communications

Energy metabolism
307 Effect of the energy density of a solid-liquid meal on gastric emptying and satiety. F Carbonnel, M Lémann, JC Rambaud, O Mundler, and R Jan
312 Acute thermogenic effects of nicotine combined with caffeine during light physical activity in male and female smokers. KA Perkins, JE Sexton, LH Epstein, A DiMarco, C Fonte, RL Stiller, A Scierka, and RG Jacob

Obesity and eating disorders
320 Glucose-induced thermogenesis in postobese women who have undergone biliopancreatic diversion. PA Tataranni, G Mingrone, AV Greco, P Caradonna, E Capristo, CA Raguso, A De Gaetano, RM Tacchino, and M Castagneto
327 Resting metabolic rate in women with bulimia nervosa: a cross-sectional and treatment study. MJ Detzer, H Leitenberg, ET Poehlman, JC Rosen, NT Silber, and LS Vara

Hormonal interactions
333 Biological effects of a diet of soy protein rich in isoflavones on the menstrual cycle of premenopausal women. A Cassidy, S Bingham, and KDR Setchell

Pregnancy and birth outcome
341 Urea production and salvage during pregnancy in normal Jamaican women. T Forrester, AV Badaloo, C Persaud, and AA Jackson

Lactation and infant feeding
347 Development of visual acuity in relation to plasma and erythrocyte ω-6 and ω-3 fatty acids in healthy term gestation infants. SM Innis, CM Nelson, MF Rioux, and DJ King
353 Total lipid and fatty acid composition of milk from women with and without insulin-dependent diabetes mellitus. MB Jackson, CJ Lammi-Keefe, RG Jensen, SC Couch, and AM Ferris

Lipids and fatty acids
362 Caffeine-induced hypercalciuria and renal prostaglandins: effect of aspirin and n-3 polyunsaturated fatty acids. LJ Morgan, M Liebman, and KS Broughton
383 Vitamin E supplementation suppresses indexes of lipid peroxidation and platelet counts in blood of smokers and nonsmokers but plasma lipoprotein concentrations remain unchanged. KM Brown, PC Morrice, and GG Duthie

Vitamins
388 Vitamin A is excreted in the urine during acute infection. CB Stephens, JO Alvarez, J Kohatsu, R Hardmeier, JI Kennedy Jr, and RB Gammon Jr
393 Vitamin D prophylaxis during infancy: comparison of the long-term effects of three intermittent doses (15, 5, or 2.5 mg) on 25-hydroxyvitamin D concentrations. F Zeghoud, H Ben-Mekhti, N Djeighi, and M Garabédian
397 Relative bioavailability of RRR- and all-rac-α-tocopheryl acetate in humans: studies using deuterated compounds. RV Acuff, SS Thedford, NN Hidiroglou, AM Papas, and TA Odom Jr
403 Age-related effect of a single oral dose of calcium on parathyroid function: relationship with vitamin D status. J Guillemant, F Oberlin, P Bourgeois, and S Guillemant

Parenteral and enteral nutrition
408 Growth retardation in children receiving long-term total parenteral nutrition: effects of ornithine α-ketoglutarate. AA Moukarzel, O Goulet, JS Salas, C Marti-Henneberg, AL Buchman, L Cynober, R Rappaport, and C Ricour
Nutrition and disease
414 Correlation between long-chain acylcarnitine in serum and myocardium after heart transplantation in humans. HG Olbrich, A Evangelou, SB Tabatabaei, G Cieslinski, A Hartmann, F Beyersdorf, G Herrmann, and H Böhles
418 Elimination of amino acids in renal failure. W Druml, M Fischer, B Liebsch, K Lenz, and E Roth
424 Dietary hypercalciuria in patients with calcium oxalate kidney stones. WJ Burris, L Gay, KL Insogna, A Ellison, and AE Broadsus
430 Interactions between alcohol and β-carotene in patients with alcoholic liver disease. S Ahmed, MA Leo, and CS Lieber

Immunologic responses

International nutrition
448 Association between protein intake and 1-y weight and height gains in Bangladeshi children aged 3–11 y. A Torres, J Orav, W Willett, and L Chen

Letters to the Editor
455 Calcium, protein, and phosphorus intakes and bone density. M Barker, J Cadogan, N Jones, and R Eastell
455 Reply to Barker et al. JA Metz, JJB Anderson, and PN Gallagher Jr
456 Antioxidants in food—another look. CJ Muller and KC Fugelsang

Book Reviews
458 Food and Cancer Prevention: Chemical and Biological Aspects, edited by KW Waldron, IT Johnson, and GR Fenwick. Reviewed by L Bjeldanes
459 Nutrition of the Low Birthweight Infant, edited by BL Salle and PR Swyer. Reviewed by P Sunshine
460 Nutrition and Immunology, edited by DM Klurfeld. Reviewed by ER Steihm
461 Nutritional Assessment, A Laboratory Manual, by RS Gibson. Reviewed by NR Hudson
462 Pediatric Nutrition in Chronic Diseases and Developmental Disorders, by SW Ekvall. Reviewed by D Bloomfield

i ASCN Announcements
ii Calendar of Events