



The American Journal of
CLINICAL NUTRITION

VOLUME 59 NUMBER 3 MARCH 1994

649 Chronological loss of bone zinc during dietary zinc deprivation in neonatal pigs. *DJ Bobilya, GL Johannig, TL Veum, and BL O'Dell*

654 Copper deficiency affects selenogluthione peroxidase and selenodeiodinase activities and antioxidant defense in weanling rats. *KL Olin, RM Walter, and CL Keen*

Parenteral and enteral nutrition

659 Metabolic consequences of increasing energy intake by adding lipid to parenteral nutrition in full-term infants. *JE Van Aerde, PJ Sauer, PB Pencharz, JM Smith, T Heim, and PR Swyer*

Nutrition and disease

663 Effects of a low-protein, low-phosphorus diet on metabolic insulin clearance in patients with chronic renal failure. *H Gin, C Combe, V Rigalleau, C Delafaye, M Aparicio, and J Aubertin*

667 A diet rich in monounsaturated rapeseed oil reduces the lipoprotein cholesterol concentration and increases the relative content of n-3 fatty acids in serum in hyperlipidemic subjects. *I-B Gustafsson, B Vessby, M Öhrvall, and M Nydahl*

Letter to the Editor

675 Operational equivalence between segmental and whole-body bioelectrical impedance in renal patients *A Piccoli, B Rossi, and L Pillon*

Book Reviews

677 *Dietary Fat Requirements in Health and Development*, edited by J Beare-Rogers. *Reviewed by PM Kris-Etherton*

677 *Nutrient Modulation of the Immune Response*, edited by S Cunningham-Rundles. *Reviewed by BR Bistrian*

i **ASCN Announcements**

ii **Calendar of Events**

THE AMERICAN JOURNAL OF CLINICAL NUTRITION is printed in Easton, MD, at Cadmus Journal Services, Inc. © Copyright 1994 by The American Society for Clinical Nutrition, Inc, 9650 Rockville Pike, Bethesda, MD 20814-3998 USA. All rights reserved. The contents of this publication may not be reproduced in whole or part without consent of copyright owner, The American Society for Clinical Nutrition. When an abstract appears at the beginning of an article, however, it may be reproduced in any form or translated without specific permission provided the original citation is included.



Statements made and opinions expressed in Letters to the Editor, Editorials, Presidential Addresses, Book Reviews, and certain other special articles appearing in this journal represent the views of the authors and do not necessarily reflect the position of the journal or The American Society for Clinical Nutrition.