New Approaches to Define Nutrient Requirements

Proceedings of a symposium held at the Western Human Nutrition Research Center, San Francisco, CA

July 14–15, 1994

Guest Scientific Editors

Judith R Turnlund
US Department of Agriculture

Barbara O Schneeman
University of California at Davis

Sponsors

Western Human Nutrition Research Center,
US Department of Agriculture, Agricultural Research Service
University of California
University of California at Davis, Department of Nutrition and Office of Continuing Medical Education

Financial Supporters

California Avocado Commission
California Prune Board
Campbell Soup Company
The Coca-Cola Company
Hoffmann-La Roche, Inc
Kellogg Company, Inc
Kraft General Foods
Mead Johnson Nutritional Group, Bristol-Meyers Squibb Company
Office of Technology Transfer, Agricultural Research Service
RJR Nabisco
University of California at Berkeley
University of California at Davis
University of California at Los Angeles
US Department of Agriculture, Agricultural Research Service, Pacific West Area
Western Human Nutrition Research Center
Program Participants

David Alberts
Arizona Cancer Center
University of Arizona Health Sciences Center
Tucson, AZ 85724

RL Baldwin
Department of Animal Science
University of California
Davis, CA 95616-8571

John Beard
Nutrition Program, Human Development
Pennsylvania State University
University Park, PA 16802-0001

Adrianne Bendich
Department of Human Nutrition Research
Hoffmann-La Roche, Inc
Nutley, NJ 07652

Betty J Burri
Western Human Nutrition Research Center
US Department of Agriculture
Agricultural Research Service
San Francisco, CA 94129

Susan E Carlson
Department of Pediatrics
University of Tennessee
Memphis, TN 38163-0001

Jacqueline Dupont
US Department of Agriculture
Agricultural Research Service
Beltsville, MD 20705

William Evans
Noll Human Performance Laboratory
Pennsylvania State University
University Park, PA 16802

Bruce J German
Department of Food Science and Technology
University of California
Davis, CA 95616-8571

Barry Halliwell
Department of Internal Medicine
Division of Pulmonary Medicine
University of California, Davis
School of Medicine
Sacramento, CA 95817-2214

Bruce J Holub
Department of Nutrition
University of Guelph
Ontario
Canada NIG 2W1

Robert A Jacob
Western Human Nutrition Research Center
US Department of Agriculture
Agricultural Research Service
San Francisco, CA 94129

Phyllis E Johnson
US Department of Agriculture
Agricultural Research Service
Pacific Western Area
Albany, CA 94710

Carl L Keen
Department of Nutrition
University of California
Davis, CA 95616-8571

Darshan S Kelley
Western Human Nutrition Research Center
US Department of Agriculture
Agricultural Research Service
San Francisco, CA 94129

Chor San Khoo
Nutrition Science and Toxicology
Campbell Soup Company
Camden, NJ 08105

Janet C King
Department of Nutritional Sciences
University of California
Berkeley, CA 94720

Howard R Knapp
Department of Internal Medicine
Division of Clinical Pharmacology
University of Iowa College of Medicine
Iowa City, IA 52242-1081

Norman Kretchmer
Department of Nutritional Sciences
University of California
Berkeley, CA 94720

Mohsen Meydani
US Department of Agriculture Human Nutrition Research Center on Aging
Tufts University
Boston, MA 02111-7893

Barbara O Schneeman
College of Agricultural and Environmental Science
University of California
Davis, CA 95616-8571

Daniel Steinberg
Department of Medicine
University of California, San Diego
School of Medicine
La Jolla, CA 92037-1005

Marian Swendsen
School of Public Health
University of California
Los Angeles, CA 90049

Judith R Turnlund
Western Human Nutrition Research Center
US Department of Agriculture
Agricultural Research Service
San Francisco, CA 94129
New Approaches to Define Nutrient Requirements

983S The need to consider functional endpoints in defining nutrient requirements. JC King

985S Oxidative damage and defense. RA Jacob and BJ Burri

991S Fatty acid-related functions. J Dupont, BJ Holub, HR Knapp, and M Meydani

994S Essential nutrients and immunologic functions. DS Kelley and A Bendich

997S The role of nutrition in the development of normal cognition. N Kretchmer, JL Beard, and S Carlson