



**JEFFREY B. BLUMBERG, PhD, FASN, FACN, CNS-S**  
**NARRATIVE RESUME**

Dr. Blumberg is an active Professor Emeritus in the Friedman School of Nutrition Science and Policy and the School of Graduate Biomedical Sciences at Tufts University. Prior to accepting his position at Tufts, he was an Associate Professor in the College of Pharmacy and Allied Health Professions at Northeastern University and served as Head of the Section of Pharmacology and Director of the Program in Toxicology which he incepted.

Dr. Blumberg received a BPharm in Pharmacy and BS in Psychology from Washington State University and a PhD in Pharmacology from Vanderbilt University School of Medicine. He received postdoctoral training in cyclic nucleotide metabolism at the Tennessee Neuropsychiatric Institute and the University of Calgary. For 37 years, Dr. Blumberg was a Senior Scientist in the Antioxidants Research Laboratory at the Jean Mayer USDA Human Nutrition Research Center on Aging (HNRCA) at Tufts University. He directed this program from 1981 to 2015. His research efforts have been largely focused on the biochemical basis for the role of antioxidant nutrients and their dietary requirements in health promotion and disease prevention during the aging process via their modulation of oxidative stress status, glucoregulation, and inflammation. From 1981 to 2004, Dr. Blumberg also served as Assistant and then Associate Director of the HNRCA with administrative responsibilities for research program planning and assessment, as well as direction of the core service divisions of Biostatistics, Comparative Biology, Mass Spectrometry, Nutrition Evaluation, Nutrition Information, and Scientific Computing.

Dr. Blumberg has published over 400 scientific articles and has served on several editorial boards, including the *J Am Coll Nutr*; *Tufts Health & Nutr Lett*; *J Environ Pathol Toxicol Oncol*; *J Med Food*; *Nutrition*; *Arbor Clin Nutr Updates*; *Antiox Redox Signal*; *Open Bioactive Cmpd J*; *J Nutr Gerontol Geriatr*; and *Nutr Aging*. He was the recipient of the ASN Mary Swartz Rose Senior Investigator Award for outstanding research on the safety and efficacy of bioactive compounds for human health (2016) and the Outstanding Investigator Award from the ASN Vitamins and Minerals Research Interest Section (2018). He is cited in Thomson Reuters List of the World's Most Influential Scientific Minds (2015) and by Mendeley Data as among the top 1% of published authors in nutrition and dietetics (2020).

Dr. Blumberg has participated in the DHHS Year 2000 Health Objectives Committee; Surgeon General's Workshop on Health Promotion and Aging; ASN National Task Force on Food Labeling; Sports Medicine Committee of the U.S. Olympic Committee, Dietary Supplementation Task Force; ASN Public Affairs and Public Information Committees; Board of the American Aging Association; WHO/FAO Consultation on Preparation and Use of Food-Based Dietary Guidelines; Food Advisory Committee of the FDA; and the WHO Expert Consultation on the Development of Nutrition Guidelines for the Elderly. He has testified before the IOM/NAS Food and Nutrition Board; Subcommittee on Health and the Environment at the U.S. House of Representatives; Special Committee on Aging at the U.S. Senate; FDA Conference on Antioxidant Vitamins and Cancer and Cardiovascular Disease; Dietary Guidelines for Americans Advisory Committee; and First UN/WHO Conference on Healthy Ageing. He is or has been a member of the American Nutrition Association, American Society for Nutrition, American Society of Parenteral and Enteral Nutrition, Society for Free Radical Biology and Medicine, International Society for Free Radical Research, Gerontological Society of America, and American Aging Association.



**DR. JEFFREY B. BLUMBERG**  
**CURRICULUM VITAE**

**PERSONAL DATA**

Position Professor Emeritus  
Program in Biochemical and Molecular Nutrition, Friedman School of  
Nutrition Science and Policy  
Program in Pharmacology and Experimental Therapeutics, School of  
Graduate Biomedical Sciences  
Tufts University  
Mobile 617-959-4293  
Email [jeffrey.blumberg@tufts.edu](mailto:jeffrey.blumberg@tufts.edu)

**EDUCATION**

1975 University of Calgary (Alberta, Canada)  
-- NIH Post-doctoral Fellow  
1974 Tennessee Neuropsychiatric Institute (Nashville, TN)  
-- Research Associate  
1974 Vanderbilt University (Nashville, TN)  
-- Doctor of Philosophy, Pharmacology  
1969 Washington State University (Pullman, WA)  
-- Bachelor of Pharmacy  
-- Bachelor of Science, Psychology

**ACADEMIC APPOINTMENTS**

1976-78 Assistant Professor, College of Pharmacy and Allied Health Professions (CPAHP),  
Northeastern University, Boston, MA  
1978-80 Director, Program in Toxicology, CPAHP, Northeastern University  
1979-81 Associate Professor, CPAHP, Northeastern University  
1980-81 Head, Section of Pharmacology, CPAHP, Northeastern University  
1981-88 Adjunct Associate Professor, CPAHP, Northeastern University  
1981-88 Assistant Director/Scientist I; Director, Nutritional Immunology and Toxicology Laboratory, Jean  
Mayer USDA Human Nutrition Research Center on Aging (HNRCA), Tufts University, Boston  
1981-88 Associate Professor, School of Nutrition, Tufts University, Medford, MA (now Friedman School  
of Nutrition Science and Policy [FSNSP], Boston, MA)  
1985-86 Acting Associate Director, USDA HNRCA, Tufts University  
1988-2018 Professor, Program in Biochemical and Molecular Nutrition, Friedman School of Nutrition Science  
and Policy, Tufts University  
1988-2018 Senior Scientist, USDA HNRCA, Tufts University  
1989-2004 Associate Director, USDA HNRCA, Tufts University  
1981-2015 Director, Antioxidants Research Laboratory, USDA HNRCA  
2011-20 Professor, Graduate Program in Pharmacology and Experimental Therapeutics, School of  
Graduate Biomedical Sciences (SGBS), Tufts University  
2018-20 Research Professor, FSNSP, Tufts University  
2018-20 Director, Entrepreneurship Education Program, FSNSP, Tufts University  
2018- Professor Emeritus, FSNSP and SGBS, Tufts University

## **ORGANIZATIONAL MEMBERSHIPS**

|           |   |
|-----------|---|
| 1975-     | American Association for the Advancement of Science                       |
| 1976-90   | Society for Neuroscience  |
| 1976-82   | American Association of Colleges of Pharmacy                              |
| 1977-98   | Sigma Xi, The Scientific Research Society                                 |
| 1980-84   | Toxicology Forum  |
| 1980-89   | American College of Toxicology  |
| 1982-2009 | New York Academy of Sciences  |
| 1984-90   | International Brain Research Organization                                 |
| 1986-     | American College of Nutrition (1990: elected Fellow)                      |
| 1986-     | American Society for Nutrition (2010: elected Fellow)                     |
| 1987-98   | Union of Concerned Scientists   |
| 1987-2017 | American Aging Association (2005: elected Fellow)                         |
| 1990-2008 | American Society for Parenteral and Enteral Nutrition                     |
| 1994-2016 | Society for Free Radical Biology and Medicine                             |
| 1994-2016 | International Society for Free Radical Research                           |
| 1994-2004 | Certification Board for Nutrition Specialists                             |
| 1994-2008 | Gerontological Society of America   |
| 2011-     | Board for the Certification of Nutrition Specialists (President: 2015-20) |
| 2017-     | American Nutrition Association (Chair, Board of Directors)                |

## **EDITORIAL BOARD MEMBERSHIPS**

|           |   |
|-----------|---|
| 1985-     | <i>Tufts University Health and Nutrition Letter</i>   |
| 1985-     | <i>Journal of Nutrition in Gerontology and Geriatrics</i> (formerly <i>Journal of Nutrition for the Elderly</i> ) |
| 1985-87   | <i>Boston Bulletin on Chemicals and Disease</i>   |
| 1987-     | <i>Journal of the American College of Nutrition</i>   |
| 1990-92   | <i>Clinics in Applied Nutrition</i>   |
| 1991-2020 | <i>Journal of Environmental Pathology, Toxicology and Oncology</i>  |
| 1991-92   | <i>The Journal of Applied Nutrition</i>   |
| 1991-93   | <i>Nutrition Action Healthletter</i> (Center for Science in the Public Interest)                                  |
| 1991-94   | Rodale Press Book Division  |
| 1992-94   | <i>Journal of Optimal Nutrition</i>   |
| 1992-99   | <i>Journal of Nutritional Immunology</i>  |
| 1993-95   | <i>Perspectives in Applied Nutrition</i>  |
| 1994-2003 | <i>Free Radical Biology &amp; Medicine</i>  |
| 1994-2001 | <i>New Choices for Retirement Living</i> (Reader's Digest Association Inc.)                                       |
| 1994-2000 | <i>Vitamin News</i> (Takeda USA, Inc.)  |
| 1997-2000 | <i>Let's Live</i> magazine (Food and Nutrition Advisory Board)  |
| 1998-2004 | <i>Nutrition in Clinical Care</i>   |
| 1998-     | <i>Journal of Medicinal Food</i>  |
| 1998-2006 | <i>Nutrition: The International Journal of Applied and Basic Nutritional Sciences</i>                             |
| 1999-2008 | <i>Antioxidants &amp; Redox Signaling</i>   |
| 2001-12   | <i>Arbor Clinical Nutrition Updates</i>   |
| 2002-     | <i>Nutrafoods</i>   |
| 2004-17   | <i>Next Age</i> magazine  |
| 2005-15   | <i>remedies</i> magazine  |
| 2006-12   | <i>Family Circle</i> (Health and Medical Advisory Board)  |
| 2008-15   | <i>Alternative Therapies in Health and Medicine</i>   |
| 2008-     | <i>The Open Bioactive Compounds Journal</i>   |
| 2010-16   | <i>Nutrition and Aging</i>  |
| 2010-18   | <i>Nutrients</i>  |
| 2010-18   | <i>Men's Health</i> magazine  |
| 2012-     | <i>Antioxidants</i>   |
| 2013-16   | <i>Redox Biology</i>  |

## **SELECTED COMMITTEE ASSIGNMENTS - TUFTS**

1982-2005 Executive Staff Committee, HNRCA  
1982-88 Health and Safety Committee (Chair), HNRCA  
1982-87 Animal Care and Use Committee (Chair), HNRCA  
1984-88 Library Committee (Chair), HNRCA  
1985-87 Geriatric Interest Group, Tufts-New England Medical Center  
1985-88 Promotions Committee, HNRCA  
1985-89 Committee on Aging, Tufts  
1988 Search Committee (Chair), Director of Program in Epidemiology, HNRCA  
1989-92 Curriculum Committee, FSNSP  
1991-92 Search Committee, Director of Nutritional Neuroscience, HNRCA  
1992-93 Human Studies Committee, HNRCA  
1992 Research Development Group (Aging Task Force), School of Medicine  
1992-94 Curriculum Committee, Science Track (Chair), FSNSP  
1992-93 Search Committee, Senior Epidemiologist, Dept. Community Health  
1994-99 Committee on Appointments and Promotion (Chair), FSNSP  
1996-99 Council for Nutrition Information Task Force  
1998-2009 Finance and Fundraising Committee, FSNSP (2008- Chair)  
2002-05 Grievance Committee, FSNSP  
2003-04 Internal Advisory Board, NIH R24 Research Infrastructure Planning Grant, Dental School  
2007 Friedman Symposium Steering Committee, FSNSP  
2007-08 Grievance Committee, FSNSP  
2009-10 Fundraising Committee, HNRCA  
2009 Task Force on Student Funding, FSNSP  
2009-10 Pilot Grant Review Committee, HNRCA  
2010 Student Funding Task Force, FSNSP  
2010 Industry Team, Strategic Initiative, HNRCA  
2013-17 Advisory Committee, Corporate and Foundation Relations (Chair), HNRCA  
2014-17 Faculty Campaign Committee, FSNSP  
2014-17 Finance and Fundraising Committee, FSNSP  
2015 Pilot Studies Review Committee, Tufts Clinical and Translational Science Institute  
2018-20 Entrepreneurship Innovation Committee, FSNSP  
2019-20 Search Committee, Executive Director, Food & Nutrition Innovation Institute (Chair)

## **COMMITTEE ASSIGNMENTS - PROFESSIONAL**

1986-89 Public Information Committee, American Society for Nutrition (ASN)  
1988-89 Scientific Advisory Board, Pennington Biomedical Research Center  
1988 Workshop on Health Promotion and Aging, U.S. Surgeon General  
1988-98 Professional Awards Committee, American College of Nutrition (ACN)  
1989-90 National Task Force of Food Labeling, AIN  
1989-90 Ad Hoc Advisory Council on Nutrition and Aging, National Institute on Aging  
1990 Year 2000 Health Objectives Committee, U.S. Dept. of Health and Human Services  
1990-91 Advisory Group, National Nutrition Screening Initiative  
1990-94 Scientific Advisory Bd., Ctr. Study of Nutritional Medicine, New England Deaconess Hospital  
1990-93 Public Affairs Committee, ASN  
1991-93 Public Policy Committee (Chair), American Aging Association (AGE)  
1992-95 Board of Directors, AGE  
1992-98 Awards Committee, ACN  
1993 Alternative Medicine: Diet, Nutrition and Lifestyle Study Section (Chair), NIH  
1993-97 Nutrition Steering Committee, Gerontological Society of America  
1993-97 Consultant, Prostate Nutrition Intervention Study, American Health Foundation  
1993-94 Scientific Steering Committee, International Conference on Adjuvant Nutrition and

1993-95 Chronic Disease: Preventive and Therapeutic Effects  
 1993-94 Nutritional Advisory Committee, U.S. Olympic Committee  
 1994 Scientific Advisory Panel (*ad hoc*) on Antioxidant Nutrients (Chair), Alliance for Aging Research  
 1994 Steering Committee, U.S. Administration on Aging Region I White House Conference on Aging: Nutrition and Malnutrition  
 1994 Technical Reviewer, Carotene and Retinol Efficacy Trial (CARET), NCI  
 1994 Reviewer, Strategic Implementation Plan, Subcommittee on Food Safety, Security, and Production, National Science and Technology Council  
 1994 Section Editor (Antioxidants), Bristol-Myers Squibb/Mead Johnson Nutrition Symposia: Nutritional Assessment of Elderly Populations  
 1994-99 Publications Committee, ACN  
 1994-97 Advisory Board, Eastman Center for Nutrition Research, James H. Quillen College of Medicine, East Tennessee State University  
 1994-2005 Board of Directors, Certification Board for Nutrition Specialists  
 1994-96 Strategic Development Committee, Alliance for Aging Research  
 1995 Public Policy Committee, AGE  
 1995-97 Examination Advisory Committee, Certification Board for Nutrition Specialists, ACN  
 1995-98 Awards Committee, AGE  
 1995 Mead Johnson Award Committee, ASN  
 1996-2000 Vitamin E Task Force, Food and Nutrition Society Alliance  
 1997 Nutrition Resource Center, The New York Hospital-Cornell Med. Ctr.  
 1997 Reviewer, Nutrition Guide for Health Care Professionals, Ctr. for Human Nutrition  
 1998 Antioxidant Panel, ACN  
 1998-2001 U.S. Olympic Committee, Sports Medicine Cmte. Dietary Supplementation Task Force  
 1998 Reviewer, A Strategic Plan for the NIH Office of Dietary Supplements  
 1988 Advisory Panel, Second International Scientific Symposium on Tea and Human Health  
 1998- Plant Phenolics and Health Research Interest Group, ASN  
 1999-2002 Cardiovascular & Geriatric Health Council, ACN  
 2000-01 Awards Committee, AGE  
 2000-02 DHA Study Advisor, Tohoku University, Sendai, Japan  
 2000-09 International Scientific Advisory Board, Conference on Diet and Optimum Health and Linus Pauling Institute Prize for Health Research, Linus Pauling Institute, Oregon State University  
 2000 Working Group on Diets, Antioxidants and Environmental Influences on Health and Disease, National Institutes of Environmental Health Sciences  
 2000-02 Public Policy Committee, AGE  
 2001 Chair, Scientific Advisory Board, Center for Complementary and Alternative Medicine in Aging & Women's Health and the Rosenthal Center for Complementary & Alternative Medicine, College of Physicians & Surgeons, Columbia University  
 2001-03 Food Advisory Committee, Additives and Ingredients Subcommittee, Center for Food Safety and Applied Nutrition, FDA  
 2001-10 Scientific Advisory Board, The Dietary Supplement Information Bureau  
 2001 Co-Chair, PAX Mechanisms in Health Promotion and Disease Prevention: A Scientific and Media Exchange, Oldways Preservation & Exchange Trust, Cambridge, MA  
 2002 Chair, Third International Scientific Symposium on Tea and Human Health: Role of Flavonoids in the Diet, Washington, DC  
 2002 Reviewer, RAND report on "Effect of the antioxidants vitamin C, vitamin E, and coenzyme Q10 for the prevention and treatment of cancer" for the Agency for Healthcare Research and Quality (US DHHS)  
 2002-05 External Advisory Board, Center for Clinical and Molecular Nutrition, Emory University  
 2003 Co-Chair, Multivitamins and Public Health: Exploring the Evidence: The Transition from Restrictions to Recommendations, Washington, DC  
 2004 Advisory Committee, White Paper on Clinical Nutrition and Aging Education and Training, Health Resources and Services Administration, Washington, DC  
 2004-08 Access Committee, Intervention Testing Program, National Institute on Aging, Bethesda, MD  
 2005-17 Investigator, Harvard Clinical Nutrition Research Center

2005-18 Scientific Advisory Committee, Nutrition & Health: State of the Science and Clinical Applications conference. University of Arizona and Columbia University

2005-08 NCI Special Emphasis Panel for Small Business Innovation Research proposals on “Plant Genomic Models for Establishing Physiological Relevance of Bioactive Components as Cancer Protectants”

2007 Co-Chair, Fourth International Scientific Symposium on Tea and Human Health, Washington, DC

2008 External examiner, University of Glasgow, PhD Dissertation, Gina Borges: characterization of phenolic antioxidants in fruits and vegetables: Bioavailability of raspberry phenolics in humans and rats.

2009 Faculty, CME on Nutrition and Prostate Cancer, Arizona Center for Integrative Medicine, University of Arizona Health Sciences Center, Tucson, AZ

2009 Advisory Board, First International Conference on Lipid Hydroperoxide Biology and Medicine, Sendai City, Japan

2009-10 NCCAM/NIH Special Emphasis Panel for Botanical Center Applications

2010 NIDDK/NIH Special Emphasis Panel for R13 Conference Grant Applications

2011- Board for the Certification of Nutrition Specialists (2015-20: President)

2012 ILSI North America, Expert elicitation, Net Risk Decision-Making for Food

2012 External examiner, University of South Australia, PhD Dissertation, Rachel Wong: Effects of bioactive nutrient supplementation on cardiovascular biomarkers and cognitive function.

2013 NCCAM/NIH Study Section, Mechanistic Research on CAM Natural Products (R01)

2013-15 DSMB (Chair), “Vitamin D<sub>3</sub> Effects on Musculoskeletal Symptoms with Use of Aromatase Inhibitors,” A. Shapiro, PI; Fraunshuh Cancer Center, Park Nicollet Health Services

2013- Advisory Panel, Accreditation Council for Nutrition Professional Education

2014-18 Scientific Advisory Group, International Food Information Council

2015- Council of Directors, True Health Initiative

2016- Board of Trustees, American Society for Nutrition Foundation

2016-17 Scientific Committee, International Growth and Development Conference 2017 (Dubai, UAE)

2017-18 External member, Promotion & Tenure Committee, American University of Beirut, Lebanon

2017-18 Scientific Committee, International Growth and Development Conference 2017 (Dubai, UAE)

2018 NIH Special Emphasis Panel on Molecular Profiles and Biomarkers of Food and Nutrient Intake

2018- Board of Directors, American Nutrition Association (Chair)

#### **COMMITTEE ASSIGNMENTS - CORPORATE**

1988-2001 Pharmacy Nutrition Advisory Board, AARP

1991-94 Health and Nutrition Advisory Board, Lederle Consumer Health Products

1992-94 Scientific Advisory Board (Chair), NutrAMed, Inc.

1992-2010 Scientific Advisory Board, Shaklee U.S., Inc.

1992-94 Scientific Advisory Board, Rejuvon, Inc.

1993-2017 Scientific Advisory Board, Pharmavite Corporation

1994 Scientific Advisory Board (*ad hoc*) on Nutrient Supplements, Council for Responsible Nutrition/National Association of Chain Drug Stores

1994-96 Scientific and Medical Advisory Board, Odyssey Nutraceuticals Co.

1995-96 Scientific Advisory Committee, MET-Rx Foundation for Health Enhancement

1995-2009 Global Nutrition Advisory Board, Wyeth Consumer Healthcare

1996-2000 Research Committee, Quaker Oatmeal Health Institute

1996-97 Scientific Medical Advisory Board, Nutraceuticals, Inc.

1996-97 Natural Products Advisory Board, Mead Johnson Nutritional Group, Bristol-Myers

1997-2012 Scientific Advisory Panel, Tea Council of the USA

1998-2000 Scientific Advisory Board, Feeling Fine, Co.

1998-2002 Science Advisory Board, LifeSpring Nutrition Solutions (Age Wave)

1998-2011 Scientific Advisory Panel, American Egg Board/Egg Nutrition Center

1998-2003 Medical Advisory Board, P&J Brands

1999-2000 Scientific Advisory Board for Women’s Health, Lipton/Unilever FNA

1999-2002 Scientific Advisory Board, Minute Maid Company

2000-01 Scientific Advisory Board, Smartmouth Technologies, Inc.

2001-04 Advisory Board, MPowerLiving, Ltd.  
2002-05 Scientific Advisory Board, California Avocado Commission  
2003 Bayer Consumer Care Nutrition Advisory Board  
2003-05 Advisory Board, Lutein Information Bureau (Kemin Foods, LC)  
2005- Scientific Advisory Board, Cranberry Institute and the Cranberry Marketing Committee of USDA  
2006- Scientific Advisory Panel, Guiding Stars Licensing Co.  
2010- Scientific Advisory Board, Segterra, Inc. (InsideTracker)  
2011-17 Editorial Board, Herbalife Nutrition Institute  
2011-16 Scientific Advisory Board, KardioFit, Inc.  
2012-13 Scientific Advisory Board, Sambazon  
2012-14 Scientific Advisory Board, Nutrispective  
2012-14 Scientific and Regulatory Advisory Board, Knocean Sciences  
2013-19 Scientific Advisory Board, The Organic Center  
2013 Expert contributor, ILSI-North America report, “Advancing the Science for Nutrient and Food Chemical Safety Decisions: Understanding Benefits and Risks and Avoiding Risk Tradeoffs”  
2013-14 Consumer Healthcare R&D Scientific Advisory Board, GlaxoSmithKline  
2014-18 Scientific Advisory Board, Center of Excellence, The Quaker Oats Company  
2014- Scientific and Medical Advisory Board, Advocare International  
2015- Scientific Advisory Board, SmartyPants Vitamins  
2015-19 Nutrition Advisory Council, Pfizer Consumer Healthcare  
2016- Advisory Board, American Botanical Council  
2017- Nutrition Health Advisory Council, Church & Dwight  
2018 NutraIngredients-USA Awards committee  
2018- Health Research Advisory Group, California Walnut Commission  
2018- Nutrition Advisory Panel, California Prune Board

#### **TEACHING - TEAM TAUGHT GRADUATE COURSES (1998-2016 )**

Nutrition and Aging (FSNSP)  
Nutritional Biochemistry and Physiology (FSNSP)  
Nutritional Assessment and Pathophysiology (FSNSP)  
Antioxidants and Degenerative Diseases (FSNSP)  
Public Policy of Health Claims (FSNSP)  
Fundamentals of Nutrition Science (FSNSP)  
Nutrition Science Journal Club (FSNSP)  
Clinical Nutrition (TUSM)  
Introduction to Clinical Preventive Medicine (TUSM)  
Nutrition and Medicine (TUSM)  
Nutrition Research, Policy and Public Education (TUSM)  
Geriatric Dentistry (TUSDM)

#### **INVESTIGATOR CERTIFICATION FOR HUMAN STUDIES**

University of Rochester Medical Center Certificate of Attendance for Protecting Study Volunteers PSV032 (2000)

Tufts-New England Medical Center and Tufts University Health Sciences Institutional Review Board Certificate of Completion of the Mandatory Clinical Education Program (2004)

Collaborative Institutional Training Initiative (CITI): Basic Course, Belmont Report, and Conflicts of Interest (2007)

CITI: Basic Course, Workers as Research Subjects/Vulnerable Populations (2008)

CITI: Genetic Research in Human Populations; Research with Protected Populations (2009)

CITI: Serious Adverse Event/Unanticipated Problem Policy; Tissue Banking Policy (2010)

CITI: Informed Consent; International Studies (2011)

Tufts University, Environmental Health and Safety Certificate of Training, NIH Guidelines for Research Involving Recombinant DNA Molecules (2011)

CITI: Financial Conflicts of Interest; Institutional Responsibilities as They Affect Investigators (2012)

CITI: History and Ethical Principles; IRB Regulations and Review Process; Privacy and Confidentiality; Defining Research with Human Subjects; Informed Consent (2013)

CITI: Vulnerable Subjects (Prisoners; Children; Pregnant Women, Human Fetuses, and Neonates); FDA-Regulated Research; Research and HIPAA Privacy Protections; Avoiding Group Harms (U.S. Research Perspectives; International Research Perspectives); Recognizing and Reporting Unanticipated Problems Involving Risks to Subjects or Others in Biomedical Research; Populations in Research Requiring Additional Considerations and/or Protections (2014)

CITI: Final Rule Revisions; Biomed Refresher: History and Ethical Principles; Regulations and Process; Informed Consent; SBR Methodologies in Biomedical Research; Records-Based Research; Genetics Research; Populations in Research Requiring Additional Considerations and/or Protections; Research Involving Prisoners; Research Involving Children; Research Involving Pregnant Women, Fetuses, and Neonates; FDA-Regulated Research (2018)

### **SPECIAL AWARDS AND HONORS**

|      |   |
|------|---|
| 1982 | U.S. Department of Agriculture Certificate of Merit   |
| 1990 | Vitamin E Research Information Service (VERIS) Award  |
| 1990 | Vanderbilt University School of Medicine, Department of Pharmacology: Allan D. Bass Distinguished Alumni Lecture  |
| 1991 | USDA Manuscript of the Year: <i>Am J Clin Nutr</i> 1990;52:55   |
| 1992 | USDA Manuscript of the Year: <i>Am J Physiol</i> 1991;260:R1235   |
| 1994 | Washington State University, College of Pharmacy: Dean Allen I. White Leader in Residence   |
| 1994 | University of Tennessee, College of Medicine: Mildred Reeves Distinguished Visiting Professor   |
| 1995 | Certified Nutrition Specialist (Certification Board for Nutrition Specialists, ACN)   |
| 1995 | New Jersey Medical School, University of Medicine and Dentistry of New Jersey: J. James Smith Memorial Lecture  |
| 1995 | American College for Advancement in Medicine: Norman E. Clarke, Sr. Lecture   |
| 1996 | Baylor University Medical Center: Rouse Lecture in Digestive Diseases and Nutrition   |
| 2000 | Tufts University Outstanding Faculty Achievement Award  |
| 2000 | NIH Office of Dietary Supplements: Annual Bibliography of Significant Advances in Dietary Supplement Research 1999: Wu et al. <i>Am J Clin Nutr</i> 1999;70:536-43.     |
| 2001 | NIH Office of Dietary Supplements: Annual Bibliography of Significant Advances in Dietary Supplement Research 2000: McKay et al. <i>J Nutr</i> 2000;130:3090-6.         |
| 2002 | National Nutritional Foods Association: Burton Kallman Scientific Award   |
| 2002 | American College for Advancement in Medicine: Achievement Award in Preventive Medicine and Linus Pauling Lecture  |
| 2002 | American College of Nutrition, Best Review Paper Award: McKay & Blumberg. <i>J Am Coll Nutr</i> 2002;21:1-13.   |
| 2003 | Guest Editor, <i>J Nutr</i> 2003;133;3242S-318S - Proceedings of the Third International Scientific Symposium on Tea and Human Health: Role of Flavonoids in the Diet   |
| 2006 | Silver Medal, <i>Association TRENDS All-Media</i> best scholarly/scientific/technical journal for issue including McKay et al. <i>J Am Diet Assoc</i> 2006;106;1108-11. |
| 2006 | Jean Mayer 25 Year Scientific Leadership and Service Award, Tufts University  |
| 2006 | Guest Editor (with Milner JA, Seifried HE), <i>NUTRAfoods</i> 2006;5(2/3)   |
| 2007 | Guest Editor, <i>J Am Coll Nutr Suppl</i> , The Role of Epigallocatechin Gallate in Cardiovascular Disease, Diabetes, and Obesity                                       |
| 2007 | American College of Nutrition: Mark Bieber Award  |
| 2007 | American College for Advancement in Medicine: Denham Harman Award   |



|      |  |
|------|--|
| 2009 | University of Nebraska: Denham Harman Distinguished Lectureship in Biomedical Gerontology  |
| 2010 | Guest Editor, <i>Nutrients</i> , Special Issue on Dietary Antioxidants   |
| 2010 | Fellow, American Society for Nutrition   |
| 2012 | American College of Nutrition Award  |
| 2013 | Guest editor, <i>Antioxidants</i> , Special Issue: Interactions between Dietary Flavonoids and Gut Microbiota: Functional Outcomes |
| 2014 | Thomson Reuters List of the World's Most Influential Scientific Minds (top 1% of cited researchers, 2002-2012)                     |
| 2015 | Award for Excellence in Research, International Nut and Dried Fruit Council  |
| 2016 | Thomson Reuters List of the World's Most Influential Scientific Minds (top 1% of cited researchers, 2002-2014)                     |
| 2016 | ASN Mary Swartz Rose Senior Investigator Award (for research on dietary bioactive compounds)                                       |
| 2017 | HNRCA Robert M. Russell Scientific Achievement Award (most cited work last 3 years)  |
| 2018 | ASN Vitamins and Minerals Research Interest Section: Outstanding Investigator Award  |
| 2020 | Mendeley Data: top 1% of published authors in nutrition and dietetics  |

### **POSTDOCTORAL FELLOWS (with current appointments)**

|         |   |
|---------|---|
| 1982-83 | Mohsen Meydani, DVM, PhD (Tufts University)                               |
| 1986-87 | Yang Cha Lee-Kim, PhD (Yonsei University, Korea)                          |
| 1987    | Sudhir Reddy Gogu, PhD  |
| 1988-89 | Felicia Natiello, PhD (Universita Scienze Farmacologiche, Italy)          |
| 1989-90 | Juan Sastre, PhD (University of Valencia, Spain)                          |
| 1997-99 | Mary Walter, PhD (NIDDK, National Institutes of Health)                   |
| 2000-01 | Sophie Clément, PhD (Geneva Hospital, Switzerland)                        |
| 2000-01 | Myoungsook Joo, PhD   |
| 2001-03 | Ho-Kyung Kwak, PhD (Korea National Open University, Korea)                |
| 2001-04 | Chung-Yen 'Oliver' Chen, PhD (Biofortis Clinical Research and Consulting) |
| 2003-05 | Brigitte Graf, PhD (Manchester Metropolitan University, UK)               |
| 2007-10 | Bradley Bolling, PhD (University of Wisconsin, Madison)                   |
| 2010    | Selena Ahmed, PhD (Montana State University)                              |

### **VISITING (SABBATICAL) SCIENTISTS**

|           |   |
|-----------|---|
| 1986-87   | Tadayasu Furukawa, PhD, Kyowa Hakko Kogyo Co, Tokyo, Japan                              |
| 1986-87   | Wen-Huey Wu, MS, Chang Shan Med. Dental Coll., Taichung, Taiwan                         |
| 1987      | Chungshill Kim, MS, Seoul National University, Seoul, Korea                             |
| 1988      | Dorothy Chou, PhD, General Foods Corp., Cranbury, NJ                                    |
| 1988-90   | Mehrdad Mehr, DVM, Tufts University, Boston, MA   |
| 1993-94   | Masatoshi Mune, MD, PhD, Wakayama Med. College, Wakayama, Japan                         |
| 1994-96   | Haruhisa Ohtani, MD, PhD, Wakayama Med. College, Wakayama, Japan                        |
| 1994-97   | Hajjiya Abasi, MD, Central Railway Hospital, Beijing, China                             |
| 1995-96   | Teruo Miyazawa, PhD, Faculty Agriculture, Tohoku University, Sendai, Japan              |
| 1996-97   | Takayuki Ikeda, PhD, Hokkaido Food Processing Res. Ctr., Ebetsu, Japan                  |
| 1998      | Antonio Herbert Lancha, Jr., PhD, Universidade De São Paulo, Brazil                     |
| 1998-2000 | Kazumi Kitta-Koga, MS, National Food Research Institute, Japan                          |
| 1999      | Naohiro Hamaoka, MS, Hokkaido Food Processing Res. Center, Japan                        |
| 2001-02   | Aiguo Ma, MD, Medical College of Qingdao University, Quqian, China                      |
| 2004-05   | Ray-yu Yang, PhD, Asian Vegetable Research and Development Center, Tainan, Taiwan       |
| 2005-06   | Shin-Kyo Chung, PhD, Kyungpook National University, Daegu, Korea                        |
| 2010-11   | Yuxiao Zou, MS, Guangdong Academy of Agricultural Sciences, Guangzhou, China            |
| 2011      | Miren Gómez-Juaristi, MS, Dpto Metabolismo y Nutrición, ICTAN Instituto del Frío, Spain |
| 2011      | Aida Serra Maqueda, MS, Dpto Tecnologia de Alimentos, Universitat de Lleida, Spain      |
| 2011-12   | Naoto Hashimoto, PhD, NARO Kyushu Okinawa Agricultural Research Center, Japan           |
| 2012      | Matti Marklund, PhD, Swedish University of Agricultural Sciences, Uppsala               |
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2012-13 Yuntao Liu, PhD, College of Food Science, Sichuan Agricultural University  
 2014 Lorena Lucio, MD, Universidade Estadual Paulista Júlio de Mesquita Filho, Sao Paulo, Brazil  
 2014 Mariana Braz, PhD, Universidade Estadual Paulista Júlio de Mesquita Filho, Sao Paulo, Brazil  
 2014-15 Xiaoyong Wei, MS, Guangzhou University of Chinese Medicine, Guangzhou, China  
 2014-15 Kun NMN Liu, PhD, Hebei University of Economics and Business  
 2014-15 Isabela Mateur Martins, MS, University of Campinas (UNICAMP), Brazil  
 2014-15 Qianru Chen, MS, Ocean University of China  
 2015-16 Sérgio Marques Costa., PhD, Universidade Estadual Paulista Júlio de Mesquita Filho, Brazil  
 2015 José Maria Rodríguez-Morató, MS, Universitat Pompeu Fabra. Spain  
 2015 Klinsmann Carolo dos Santos, MS, Botucatu Med. School, Universidade Estadual Paulista, Brazil  
 2015 Gizem Ozan, Biotechnology Institute, Yeditepe University, Istanbul, Turkey  
 2015 Valter Henrique Marinho dos Santos, São Paulo State University, UNESP, Botucatu, Brazil  
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### **JOURNAL REVIEWER 1996-2020**

*Alternative Therapies in Health and Medicine*  
*American Journal of Clinical Nutrition*  
*Cancer Epidemiology, Biomarkers and Prevention*  
*Circulation*  
*Clinica Chimica Acta*  
*Critical Reviews in Food Science and Nutrition*  
*Drugs and Aging*  
*FEBS Letters*  
*Free Radicals in Biology and Medicine*  
*Hepatology*  
*International Archives of Allergy and Immunology*  
*Journal of Agriculture and Food Chemistry*  
*Journal of the American College of Nutrition*  
*Journal of the American Geriatrics Society*  
*Journal of the American Medical Association*  
*Journal of Environmental Pathology, Toxicology and Oncology*  
*Journal of Food Science*  
*Journal of Gerontology: Biological Sciences*  
*Journal of Nutrition*  
*Journal of Nutrition for the Elderly*  
*Journal of Nutritional Biochemistry*  
*Journal of Nutrition for the Elderly*  
*Journal of Nutritional Immunology*  
*Journal of Medical Foods*  
*Kidney International*  
*LWT Food Science and Technology*  
*Mechanisms of Aging and Development*  
*Medicine and Science in Sports and Exercise*  
*Molecular and Cellular Biochemistry*  
*Molecular Nutrition and Food Research*  
*Nutrition in Clinical Care*  
*Nutrition Research*  
*Nutrition Reviews*  
*Nutrition Today*  
*Preventive Medicine*  
*U.S. Pharmacopeia - Drug Information Review*  
*Tufts Nutrition Commentator*  
*Molecular and Food Nutrition*

## **REVIEWER FOR AWARD, CONFERENCE, AND GRANT PROPOSALS 1996-2020**

American College of Nutrition  
American Egg Board  
Cranberry Institute and Wisconsin Cranberry Board, Inc.  
Hereditary Disease Foundation  
International Tea Trade Health Research Association  
National Institutes of Health  
New York Academy of Sciences  
The Wellcome Trust  
US-Israel Binational Science Foundation  
United States Department of Agriculture  
University of Arizona Agricultural Experiment Station  
National Research Foundation Competitive Research Programme, Singapore  
Deckblatt für Anträge an die Forschungskommission, Heinrich Heine University of Düsseldorf, Germany  
Potatoes USA, Alliance for Potato Research & Education  
Tufts University Clinical and Translational Science Institute Pilot Project Program

## **PUBLICATIONS – ORIGINAL ARTICLES**

Sulser F, Stawarz RJ, Blumberg J. The limbic forebrain: the role of psychopharmacology. *Proc. IX Congress of the C.I.N.P.* (Paris, France) 1974;873-81.

Blumberg JB, Taylor RE, Sulser F. Blockade by pimozide of a norepinephrine-sensitive adenylate cyclase in limbic forebrain: possible role of limbic noradrenergic mechanism in the mode of action of antipsychotics. *J Pharm Pharmacol* 1975;27:125-8.

Blumberg JB, Vetulani J, Sulser F. The noradrenergic cyclic AMP generating system in the limbic forebrain: pharmacological characterization in vitro and possible role of limbic noradrenergic mechanisms in the mode of action of antipsychotics. *Eur J Pharmacol* 1976;37:257-66.

Vance MA, Ross SM, Millington WR, Blumberg JB. Potentiation of tricyclic anti-depressant toxicity by physostigmine in mice. *Clin Toxicol* 1977;11:413-22.

Blumberg JB. The rationale and development of a bachelor of science degree program in toxicology at northeastern university. *J Coll Sci Teach* 1980;9:266-8.

Smith P, Blumberg J, Stoff J, Field M. Idomethacin inhibits secretagogue-induced ion transport changes in rabbit ileal mucosa in vitro. *Gastroenterology* 1981;80:356-65.

Hanson R, Poddubiuk Z, Blumberg J, Davis M, Holman B. Preparation and biodistribution of <sup>125</sup>I-labelled adrenoceptor antagonist having a cardioselectivity enhancing N-substituent. *Int J Appl Radiat Isotopes* 1981;32:429-33.

Rocco, RM, Smart JL, Brown DR, Blumberg JB. HPLC analysis of erythrocyte pyrimidine-5'-nucleotidase inhibition by lead. *Res Comm Chem Pathol Pharmacol* 1981;34:127-36.

Poddubiuk ZM, Blumberg JB, Kopin IJ. Brain prostaglandin content in rats sacrificed by decapitation versus focused microwave irradiation. *Experientia* 1982;38:987-88.

Vance MA, Blumberg JB. Cholinergic potentiation of neuroleptic effects in the nucleus accumbens. *Res Comm Chem Pathol Pharmacol* 1983;40:345-8.

Vance MA, Blumberg JB. Effect of catecholamines on locomotor activity and cyclic AMP in nucleus accumbens in rats. *J Pharm Pharmacol* 1983;35:402-4.

- Meydani M, Blumberg JB, Hayes KC. Dietary fat unsaturation enhances drug metabolism in Cebus but not in Squirrel monkeys. *J Nutr* 1985;115:573-8.
- Meydani M, Meydani S, Macauley JB, Blumberg JB. Influence of dietary vitamin E and selenium on the ex-vivo synthesis of prostaglandin E2 in brain regions of young and old rats. *Prostaglandins Leukot Med* 1985;18:337-46.
- Meydani M, Verdon C, Blumberg JB. Effect of dietary vitamin E, selenium and age on lipid peroxidation events in rat cerebrum. *Nutr Res* 1985;5:1227-36.
- Meydani SN, Meydani M, Verdon CP, Blumberg JB. Vitamin E supplementation suppresses prostaglandin E2 synthesis and enhances the immune response of aged mice. *Mech Ageing Dev* 1986;34:191-201.
- Siguel EN, Blumberg JB, Caesar J. Monitoring the optimal infusion of intravenous lipids: detection of essential fatty acid deficiency. *Arch Pathol Lab Med* 1986; 110:792-7.
- Ulin K, Meydani M, Zamenhof RG, Blumberg JB. Photon activation analysis as a new technique for body composition studies. *Am J Clin Nutr* 1986;45:963-72.
- Meydani M, Macauley JB, Blumberg JB. Influence of dietary vitamin E, selenium and age on regional distribution of alpha-tocopherol in the rat brain. *Lipids* 1986; 21:786-91.
- Furukawa T, Meydani SN, Blumberg JB. Reversal of age-associated decline of immune responsiveness by dietary glutathione supplementation in mice. *Mech Ageing Dev* 1987;38:107-17.
- Meydani SN, Shapiro A, Meydani M, Macauley J, Blumberg JB. Effect of age and dietary fat (fish oil, corn oil, and coconut oil) on tocopherol status of C57BL/6NIA mice. *Lipids* 1987;22:345-50.
- Verdon CP, Blumberg JB. An assay for the alpha-tocopherol binding protein mediated transfer of vitamin E between membranes. *Anal Biochem* 1988;169:109-20.
- Meydani SN, Stocking LM, Shapiro AC, Meydani M, Blumberg JB. Fish oil and tocopherol induced changes in ex-vivo synthesis of spleen and lung leukotriene B4. *Ann NY Acad Sci* 1988;524:395-7.
- Meydani M, Macauley JB, Blumberg JB. Effect of dietary vitamin E and selenium on susceptibility of brain regions to lipid peroxidation. *Lipids* 1988;23:405-9.
- Lee-Kim Y, Meydani M, Kassarijian Z, Blumberg J, Russell R. Enterohepatic circulation of newly administered alpha-tocopherol in the rat. *Int J Vitam Nutr Res* 1988;58:284-91.
- Verdon CP, Blumberg JB. Influence of dietary vitamin E on the intermembrane transfer of alpha-tocopherol as mediated by an alpha-tocopherol binding protein. *Proc Soc Exp Biol Med* 1988;189:52-60.
- Martin RF, Young VR, Blumberg JB, Janghorbani M. Ascorbic acid-selenite interactions in humans, studied with an oral dose of <sup>74</sup>SeO<sub>3</sub>. *Am J Clin Nutr* 1989;49:862-9.
- Seitz HK, Meydani M, Ferschke I, Simanowski UA, Boesche J, Bogusz M, Hoepker WW, Blumberg JB, Russell RM. Effect of aging on in vivo and in vitro ethanol metabolism and its toxicity in F344 rats. *Gastroenterology* 1989;97:446-56.
- Meydani M, Cohn JS, Macauley JB, McNamara JR, Blumberg J, Schaefer ES. Postprandial changes in the plasma concentration of  $\alpha$ - and  $\gamma$ -tocopherol in human subjects fed a fat-rich meal supplemented with fat soluble vitamins. *J Nutr* 1989;119:1252-8.
- Meydani SN, Meydani M, Barklund PM, Liu S, Miller RA, Cannon J, Rocklin R, Blumberg JB. Effect of vitamin E supplementation on immune responsiveness of the aged. *Ann N Y Acad Sci* 1989;570:283-90.

- Meydani SN, Lipman R, Blumberg JB, Taylor A. Dietary energy restriction decreases ex vivo spleen prostaglandin E2 synthesis in emory mice. *J Nutr* 1990;120:112-5.
- Wu W-H, Meydani M, Meydani SN, Barklund P, Blumberg J, Munro HN. Effect of dietary iron overload on lipid peroxidation, prostaglandin synthesis, and lymphocyte proliferation in young and old rats. *J Nutr* 1990;120:280-9.
- Meydani SN, Barklund PM, Liu S, Meydani M, Miller R, Cannon JG, Morrow F, Rocklin R, Blumberg JB. Vitamin E supplementation enhances cell-mediated immunity in healthy elderly subjects. *Am J Clin Nutr* 1990;52:557-63.
- Cannon JG, Orencole SF, Fielding RA, Meydani M, Meydani SN, Fiatarone MA, Blumberg JB, Evans WJ. The acute phase response in exercise: interaction of age and vitamin E on neutrophils and muscle enzyme release. *Am J Physiol* 1990;259:R1214-9.
- Meydani M, Meydani S, Shapiro A, Macauley J, Blumberg J. Influence of dietary fat, vitamin E, ethoxyquin, and indomethacin on the synthesis of prostaglandin E2 in brain regions of mice. *J Nutr* 1991;121:438-44.
- Meydani M, Natiello F, Goldin B, Free N, Woods M, Schaefer E, Blumberg J, Gorbach S. Effect of long-term fish oil supplementation on vitamin E status and lipid peroxidation in women. *J Nutr* 1991;121:484-91.
- Cannon JG, Meydani SN, Fielding RA, Fiatarone MA, Meydani M, Farhangmehr M, Orencole SF, Blumberg JB, Evans WJ. Acute phase response in exercise. II. Associations between vitamin E, cytokines and muscle proteolysis. *Am J Physiol* 1991;260:R1235-40.
- Meydani M, Seitz HK, Blumberg JB, Russell RM. Effect of chronic ethanol feeding on hepatic and extrahepatic distribution of vitamin E in rats. *Alcoholism: Clin Exp Res* 1991;15:771-4.
- Meydani SN, Shapiro AC, Meydani M, Blumberg JB. Lung eicosanoid synthesis is affected by age, dietary fat and vitamin E. *J Nutr* 1992;122:1627-33.
- Gogu SR, Blumberg JB. Vitamin E enhances murine natural killer cell cytotoxicity against YAC-1 tumor cells. *J Nutr Immunol* 1992;1:31-8.
- Meydani M, Evans W, Handelman G, Fielding RA, Meydani SN, Fiatarone MA, Blumberg JB, Cannon JG. Antioxidant response to exercise-induced oxidative stress and protection by vitamin E. *Ann NY Acad Sci* 1992;669:363-4.
- Meydani M, Evans W, Handelman G, Biddle L, Fielding RA, Meydani SN, Burrill J, Fiatarone MA, Blumberg JB, Cannon JG. Protective effect of vitamin E on exercise-induced oxidative damage in young and older adults. *Am J Physiol* 1993;264:R992-8.
- Meydani M, Meydani SN, Blumberg JB. Modulation by dietary vitamin E and selenium of clotting whole blood thromboxane A2 and aortic prostacyclin synthesis in rats. *J Nutr Biochem* 1993;4:321-6.
- Gogu SR, Blumberg JB. Vitamin E increases interleukin-2 dependent cellular growth and glycoprotein glycosylation in murine cytotoxic T cell line. *Biochem Biophys Res Commun* 1993;193:872-7.
- Sastre J, Meydani M, Martin A, Biddle L, Taylor A, Blumberg J. Effect of glutathione monoethyl ester administration on galactose-induced cataract in the rat. *Life Chem Reports* 1994;12:89-95.
- Hayek M, Meydani SN, Meydani M, Blumberg JB. Age differences in eicosanoid production of mouse splenocytes: effects on mitogen-induced T-cell proliferation. *J Gerontol (Biol Sci)* 1994;49:B197-207.
- Werninghaus K, Meydani M, Bhawan J, Margolis R, Blumberg JB, Gilchrest BA. Evaluation of the photoprotective effect of oral vitamin E supplementation. *Arch Dermatol* 1994;130:1257-61.

- Meydani SN, Meydani M, Rall LC, Morrow F, Blumberg JB. Assessment of the safety of high-dose, short term supplementation with vitamin E in healthy older Adults. *Am J Clin Nutr* 1994;60:704-9.
- Meydani M, Martin A, Ribaya-Mercado JD, Gong J, Blumberg JB, Russell RM. Beta-carotene supplementation increases antioxidant capacity of plasma in older women. *J Nutr* 1994;124:2397-403.
- Meydani M, Martin A, Sastre J, Smith D, Dallal G, Taylor A, Blumberg JB. Dose response characteristics of galactose-induced cataract in the rat. *Ophthalmic Res* 1994;26:368-74.
- Cannon JG, Fiatarone MA, Meydani M, Gong J-X, Scott L, Blumberg JB, Evans WJ. Aging and dietary modulation of elastase and interleukin-1 $\beta$  secretion. *Am J Physiol* 1995;268:R208-13.
- Smith DS, Rizzone G, Blumberg JB. Use of epinephrine auto-injectors for acute anaphylactic reactions in an animal care facility. *Contemp Topics Lab Animal Sci* 1995;34:63-6.
- Taylor A, Lipman RD, Jahngen-Hodge J, Palmer V, Smith D, Padhye N, Dallal GE, Cyr DE, Laxman E, Shepard D, Morrow F, Salomon R, Perrone G, Asmundsson G, Meydani M, Blumberg JB, Mune M, Harrison DE, Archer JR, Shigenaga M. Dietary calorie restriction in the emory mouse: effects on lifespan, eye lens, cataract prevalence and progression, levels of ascorbate, glutathione, glucose, and glycohemoglobin, tail collagen breaktime, DNA and RNA oxidation, skin integrity, fecundity, and cancer. *Mech Ageing Dev* 1995;79:33-57.
- Lipman R, Smith D, Bronson R, Blumberg JB. Is late life calorie restriction beneficial? *Aging Clin Exp Res* 1995;7:136-9.
- Jacques PF, Halpner AD, Blumberg JB. Influence of combined antioxidant nutrient intakes on their plasma concentrations in an elderly population. *Am J Clin Nutr* 1995;62:1228-33.
- Mune M, Meydani M, Jahngen-Hodge J, Martin A, Smith D, Palmer V, Blumberg JB, Taylor A. Effect of calorie restriction on liver and kidney glutathione in aging emory mice. *AGE* 1995;18:43-50.
- Martin A, Zulueta J, Hassoun P, Blumberg JB, Meydani M. Effect of vitamin E on hydrogen peroxide production by human vascular endothelial cells after hypoxia/reoxygenation. *Free Radic Biol Med* 1996;20:99-105.
- Martin A, Wu D, Baur W, Meydani SN, Blumberg JB, Meydani M. Effect of vitamin E on human aortic endothelial cell response to oxidative injury. *Free Radic Biol Med* 1996;21:505-11.
- Meydani M, Fielding R, Cannon JG, Blumberg JB, Evans W. Muscle uptake of vitamin E and its association with muscle fiber type. *J Nutr Biochem* 1997;8:74-8.
- Martin A, Foxall T, Blumberg JB, Meydani M. Vitamin E inhibits low density lipoprotein-induced adhesion of monocytes to human aortic endothelial cells in vitro. *Arterioscler Thromb Vasc Biol* 1997;17:429-36.
- Meydani SN, Meydani M, Blumberg JB, Leka LS, Siber G, Loszewski R, Thompson C, Pedrosa MC, Diamond RD, Stollar BD. Vitamin E supplementation enhances in vivo immune response in healthy elderly: a dose response study. *JAMA* 1997;277:1380-6.
- Taylor A, Jacques P, Nowell T, Perrone G, Blumberg J, Handleman G, Jozwiak B, Nadler D. Vitamin C in human and guinea pig aqueous, lens, and plasma in relation to intake. *Current Eye Res* 1997;16:857-64.
- Jahngen-Hodge J, Obin MS, Gong J, Shang F, Nowell TR, Gong J, Abasi H, Blumberg JB, Taylor A. Regulation of ubiquitin-conjugating enzymes by glutathione following oxidative stress. *J Biol Chem* 1997;272:28218-26.
- Martin A, Wu D, Meydani SN, Blumberg JB, Meydani M. Vitamin E protects human aortic endothelial cells from cytotoxic injury induced by oxidized LDL in vitro. *J Nutr Biochem* 1998;9:201-8.

Halpner AD, Handelman GJ, Belmont C, Harris J, Blumberg JB. Protection by vitamin C of oxidant-induced loss of vitamin E in rat hepatocytes. *J Nutr Biochem* 1998;9:355-9.

Handelman GJ, Nightingale ZD, Dolnikowski G, Blumberg JB. Formation of carbonyls during attack on insulin by submolar amounts of hypochlorite. *Analytical Biochem* 1998;258:339-48.

Obin M, Shang F, Gong X, Handelman G, Blumberg J, Taylor A. Redox regulation of ubiquitin-conjugating enzymes: mechanistic insights using the thiol-specific oxidant diamide. *FASEB J* 1998;12:561-9.

Halpner AD, Handelman GJ, Harris JM, Belmont CA, Blumberg JB. Protection by vitamin C of loss of vitamin E in cultured rat hepatocytes. *Arch Biochem Biophys* 1998;359:305-9.

Meydani SN, Meydani M, Blumberg JB, Leka LS, Pedrosa M, Diamond R, Schaefer EJ. Assessment of the safety of supplementation with different amounts of vitamin E in healthy older adults. *Am J Clin Nutr* 1998;68:311-8.

Smith DE, Blumberg JB, Lipman RD. Improved survival rates in mice with prophylactic fluids following carcinogen treatment. *Contemp Topics Lab Animal Sci* 1998;38:84-6.

Couris RR, DeBellis RA, Tataronis GR, Dwyer JT, Blumberg JB. Drug-nutrient interactions: test performance by pharmacy students. *U.S. Pharmacist* 1998;12:37-40.

Lipman RD, Smith DE, Blumberg JB, Bronson RT. Effects of caloric restriction or augmentation in adult rats: longevity and lesion biomarkers of aging. *Aging Clin Exp Res* 1998;10:463-70.

Shi S-CS, Day RM, Halpner AD, Chedid M, Blumberg JB, Suzuki YJ. Homocysteine and  $\alpha$ -lipoic acid regulate p44/42 MAP kinase phosphorylation in NIH/3T3 cells. *Antiox Redox Signal* 1999;1:123-8.

Suzuki YJ, Shi SS, Blumberg JB. Modulation of angiotensin II-signaling for GATA4 activation by homocysteine. *Antiox Redox Signal* 1999;1:233-8.

Handelman GJ, Nightingale ZD, Lichtenstein AH, Schaefer EJ, Blumberg JB. Changes in plasma lutein and zeaxanthin following dietary supplementation with egg yolk. *Am J Clin Nutr* 1999;70:247-51.

Mune M, Meydani M, Gong J, Fotouhi N, Otani H, Smith DE, Blumberg JB. Effect of dietary fish oil, vitamin E, and probucol on renal injury in the rat. *J Nutr Biochem* 1999;10:539-46.

Wu D, Meydani M, Leka LS, Nightingale Z, Handelman GJ, Blumberg JB, Meydani SN. Effect of dietary supplementation with black currant seed oil on immune response of health elderly humans. *Am J Clin Nutr* 1999;70:536-43.

Nightingale ZD, Blumberg JB, Handelman GJ. Purification of fatty acid methyl esters by high-performance liquid chromatography. *J Chromatogr B Biomed Sci Appl* 1999;732: 495-500.

Otani H, Mune M, Yukawa S, Smith D, Meydani M, Blumberg JB. Vitamin E treatment of experimental glomerular disease in rats. *Kidney Int* 1999;56:S66-9.

Handelman GL, Cao GC, Walter MF, Nightingale ZD, Paul G, Prior RL, Blumberg JB. Antioxidant capacity of oat (*Avena sativa* L.) extracts. I. Inhibition of low density lipoprotein oxidation and Oxygen Radical Absorbance Capacity. *J Agric Food Chem* 1999;47:4888-93.

Suzuki YJ, Ikeda T, Shi SS, Kitta K, Kobayashi YM, Morad M, Jones LR, Blumberg JB. Regulation of GATA 4 and AP-1 in transgenic mice overexpressing cardiac calsequestrin. *Cell Calcium* 1999; 25:401-7.

Suzuki YJ, Lorenzi MV, Shi SS, Day RM, Blumberg JB. Homocysteine exerts cell type-specific inhibition of AP-1 transcription factor. *Free Radic Biol Med* 2000;28:39-45.

Walter M, Blumberg JB, Dolnikowski G, Handelman G. Streamlined F2-isoprostane analysis in plasma and urine with HPLC and GC/MS. *Anal Biochem* 2000;280:73-9.

Suzuki YJ, Shi SS, Day RM, Blumberg JB. Differential regulation of MAP kinase signaling by pro- and antioxidant biothiols. *Ann NY Acad Sci* 2000;899:159-67.

Couris RR, Tataronis GR, Dallal GE, Blumberg JB, Dwyer JT. Assessment of healthcare professionals' knowledge about warfarin-vitamin K drug-nutrient interactions. *J Am Coll Nutr* 2000;19:439-45.

Jonas CR, Puckett AB, Jones DP, Griffith DP, Szeszycki EE, Bergman GF, Carlson JL, Galloway JR, Blumberg JB, Ziegler TR. Plasma antioxidant status after high-dose chemotherapy: A randomized trial of parenteral nutrition in bone marrow transplantation patients. *Am J Clin Nutr* 2000;72:181-9.

Nightingale ZD, Lancha AH, Handelman SK, Dolnikowski GB, Busse SC, Dratz EA, Blumberg JB, Handelman GJ. Relative reactivity of lysine and other peptide-bound amino acids to oxidation by hypochlorite. *Free Radic Biol Med* 2000;29: 425-33.

McKay DL, Perrone G, Rasmussen H, Dallal G, Hartman W, Cao G, Prior RL, Roubenoff R, Blumberg JB. The effects of a multivitamin/mineral supplement on micronutrient status, antioxidant capacity, and cytokine production in healthy older adults consuming a fortified diet. *J Am Coll Nutr* 2000;19:613-21.

McKay DL, Wilson J, Martin C, Boudet KL, Blumberg JB, Holay S. The impact of home delivered meals on serum albumin and rehospitalization among elderly patients: A pilot study. *Care Management* 2000;6:32-6.

McKay DL, Perrone G, Rasmussen H, Dallal G, Blumberg JB. The effects of a multivitamin/mineral supplement on B-vitamin status and homocysteine in healthy older adults consuming a folate fortified diet. *J Nutr* 2000;130:3090-6.

Couris RR, Tataronis GR, Booth SL, Dallal GE, Blumberg JB, Dwyer JT. Validation of a self-assessment instrument to determine daily intake and variability of dietary vitamin K. *J Am Coll Nutr* 2000;19:801-6.

Kitta KR, Day RM, Remeika J, Blumberg JB, Suzuki YJ. Effects of thiol antioxidants on hepatocyte growth factor signaling in cardiac myocytes. *Antiox Redox Signal* 2001;3:911-8.

Handelman GJ, Walter MF, Adhikarla R, Gross J, Levin NW, Blumberg JB. Elevated plasma F2 isoprostanes in patients on long-term hemodialysis. *Kidney Internatl* 2001;59:1960-6.

Kitta K, Clément S, Remeika J, Blumberg JB, Suzuki YJ. Endothelin-1 induces phosphorylation of GATA-4 transcription factor in HL-1 atrial muscle cell line. *Biochem J* 2001;359:375-80.

Milbury PE, Gao G, Prior RL, Blumberg JB. Bioavailability of elderberry anthocyanins. *Mech Ageing Dev* 2002; 123:997-1006.

Shang F, Gong X, Egtesadi S, Meydani M, Smith D, Perrone G, Scott L, Blumberg JB, Taylor A. Vitamin C prevents hyperbaric oxygen-induced growth retardation and lipid peroxidation and attenuates the oxidation-induced up-regulation of glutathione in guinea pigs. *J Nutr Biochem* 2002;13:307-13.

Milbury PE, Chen CY, Kwak HK, Blumberg J. Almond skin polyphenolics act synergistically with  $\alpha$ -tocopherol to increase the resistance of low density lipoproteins to oxidation. *Free Radic Res* 2002;36:S78-80.

Jacob RA, Aiello GM, Stephensen CB, Blumberg JB, Milbury PE, Wallock LM, Ames BN. Moderate antioxidant supplementation has no effect on biomarkers of oxidative damage in healthy men with low fruit and vegetable intakes. *J Nutr* 2003;133:740-3.

Sacheck JM, Milbury PE, Cannon JG, Roubenoff R, Blumberg JB. Effect of vitamin E and eccentric exercise on selected biomarkers of oxidative stress in young and elderly men. *Free Radic Biol Med* 2003;34:1575-88.



Balakrishnan VS, Blumberg J, Pereira BJB, Jaber BL. Antioxidant and oxidative stress indices in dialysis dependent acute renal failure. *Blood Purification* 2003;21:213-9.

Liu C, Russell RM, Smith DE, Bronson RT, Milbury PE, Furukawa S, Wang X-D, Blumberg JB. The effect of dietary glutathione and coenzyme Q10 on the prevention and treatment of inflammatory bowel disease in mice. *Int J Vitam Nutr Res* 2004;74(1):74-85.

McKay DL, Berkowitz JM, Blumberg JB, Goldberg JP. Communicating cardiovascular disease risk due to elevated homocysteine levels: Using the EPPM to develop print materials. *Health Ed Behavior* 2004;31:355-71.

Engler MB, Engler MM, Chen CY, Malloy MJ, Browne A, Chiu E, Milbury P, Blumberg JB, Paul SM, Meitus Snder M. Flavonoid-rich dark chocolate improves endothelial function by increasing plasma epicatechin concentration in healthy adults. *J Am Coll Nutr* 2004;23:197-204.

Kennedy DD, Tucker KL, Ladas ED, Rheingold S, Blumberg JB, Kelly KM. Low antioxidant vitamin intake is associated with an increase in adverse effects from chemotherapy in children with acute lymphoblastic leukemia. *Am J Clin Nutr* 2004;79:1029-36.

Chen C-Y, Milbury PE, Kwak H-K, Collins FW, Samuel P, Blumberg JB. Avenanthramides and phenolic acids from oats are bioavailable and act synergistically with vitamin C to enhance hamster and human LDL resistance to oxidation. *J Nutr* 2004;134:1459-66.

Booth SL, Golly I, Sackeck JM, Roubenoff R, Dallal GE, Hamada K, Blumberg JB. Effect of vitamin E supplementation on vitamin K status in adults with normal coagulation status. *Am J Clin Nutr* 2004;80:143-8.

Mayne ST, Walter M, Cartmel B, Goodwin WJ, Blumberg JB. Supplemental  $\beta$ -carotene, smoking, and urinary F2-isoprostane excretion in patients with prior early stage head and neck cancer. *Nutr Cancer* 2004;49:1-6.

Ilsley JNM, Belinsky GS, Guda K, Zhang Q, Huang X, Blumberg JB, Milbury PE, Roberts LJ, Stevens RG, Rosenberg DW. Dietary iron promotes azoxymethane-induced colon tumors in mice. *Nutr Cancer* 2004;49:162-9.

Kennedy DD, Ladas EJ, Rheingold S, Blumberg J, Kelly KM. Antioxidant status decreases in children with acute lymphoblastic leukemia during the first six months of chemotherapy treatment. *Pediatr Blood Cancer* 2005;44:1-8.

Chen C, Milbury PE, Lapsley K, Blumberg JB. Flavonoids from almond skins are bioavailable and act synergistically with vitamins C and E to enhance hamster and human LDL resistance to oxidation. *J Nutr* 2005;135:1366-73.

Grassi D, Necozion S, Lippi C, Croce G, Valeri L, Pasqualetti P, Desideri G, Blumberg JB, Ferri C. Coca reduces blood pressure and insulin resistance and improves endothelium-dependent vasodilation in hypertensives. *Hypertension* 2005;46:398-405.

Freeman LM, Rush JE, Milbury PE, Blumberg JB. Antioxidant status and biomarkers of oxidative stress in dogs with congestive heart failure. *J Vet Intern Med* 2005;19:537-41.

Graf BA, Ameho C, Dolnikowski GG, Milbury PE, Chen C-Y, Blumberg JB. Rat gastrointestinal tissues metabolize quercetin. *J Nutr* 2006;136:39-44.

Duann P, Datta PK, Pan C, Blumberg J, Sharma M, Lianos EA. Superoxide dismutase mimetic preserves the glomerular capillary permeability to protein. *J Pharmacol Exp Therap* 2006;316:1249-54.

Kwak H-K, Milbury PE, Chen C-Y, Blumberg JB. Microplate-based Oxygen Radical Absorbance Capacity (ORAC) assay of hydrophilic and lipophilic compartments in plasma. *Nutr Sci* 2006;9:48-54.

Jia X, Li N, Zhang W, Zhang X, Lapsley K, Huang G, Blumberg J, Ma G, Chen J. A pilot study on the effects of almond consumption on DNA damage and oxidative stress in smokers. *Nutr Cancer* 2006;54:179-83.

- McKay DL, Houser RF, Blumberg JB, Goldberg JP. Nutrition information sources vary with education level in a population of older adults. *J Am Diet Assoc* 2006;106:1108-11.
- Milbury PE, Chen C-Y, Dolnikowski GG, Blumberg JB. Determination of flavonoids and phenolics and their distribution in almonds. *J Agric Food Chem* 2006;54:5027-33.
- Sacheck JM, Cannon JG, Hamada K, Vannier E, Blumberg JB, Roubenoff R. Age-related loss of associations between acute exercise-induced IL-6 and oxidative stress. *Am J Physiol: Endocrinol Metabol* 2006;291:E340-9.
- Tovar A, Ameho CK, Blumberg JB, Peterson JW, Smith D, Booth SL. Extrahepatic tissue concentrations of vitamin K are lower in rats fed a high vitamin E diet. *Nutr Metabol* 2006;3:29:1-6.
- White AC, Sousa AM, Blumberg JB, Ryan HF, Fanburg BL, Kayyali US. Plasma antioxidants in subjects prior to hematopoietic stem cell transplantation. *Bone Marrow Transplant* 2006;38:513-20.
- Couris RR, Tataronis GR, McCloskey WW, Singer DE, Oertel LB, Hughes RA, Dallal GE, Blumberg JB, Dwyer JT. Dietary vitamin K variability affects International Normalized Ratio (INR) coagulation indices. *Int J Vitam Nutr Res* 2006;76:65-74.
- Lawenda BD, Smith DE, Xu L, Niemierko A, Silverstein JR, Boucher Y, Kashiwagi S, Held KD, Jain RK, Loeffler JS, Eisenberg DM, Blumberg JB. Do the dietary supplements EGCG or vitamin E cause a radiomodifying response on tumors in vivo? A pilot study with murine breast carcinoma. *J Soc Integr Oncol* 2007;5:11-7.
- Cho Y-S, Yeum K-J, Chen C-Y, Beretta G, Tang G, Krinsky KI, Yoon S, Kim Y-CL, Blumberg JB, Russell, RM. Phytonutrients affecting hydrophilic and lipophilic antioxidant activities in fruits, vegetables and legumes. *J Sci Food Agric* 2007;87:1096-1107.
- Ribaya-Mercado JD, Maramag CC, Tengco LW, Dolnikowski GG, Blumberg JB, Solon FS. Carotene-rich plant foods ingested with different amounts of dietary fat improve total-body vitamin A stores similarly in Filipino schoolchildren as assessed by the deuterated-retinol-dilution method. *Am J Clin Nutr* 2007;85:1041-9.
- Milbury PE, Brigitte Graf B, Curran-Celentano JM, Blumberg JB. Bilberry (*Vaccinium myrtillus*) anthocyanins modulate heme oxygenase-1 and glutathione S-transferase-pi expression in the ARPE-19 cell line. *Invest Ophthalmol Vision Sci* 2007;48:2343-9.
- White JV, Pitman S, Blumberg JB. Dietitians and multivitamin use: Personal and professional practices. *Nutr Today* 2007;42:62-68.
- Chen C-Y, Milbury PE, Collins FW, Blumberg JB. Avenanthramides are bioavailable and have antioxidant activity in humans after acute consumption of an enriched mixture from oats. *J Nutr* 2007;137:1375-82.
- Maki KC, Galant R, Samuel P, Tesser J, Witchger M, Ribaya-Mercado JD, Blumberg JB, Geohas J. Effects of consuming foods containing oat  $\beta$ -glucan on blood pressure, carbohydrate metabolism and biomarkers of oxidative stress in men and women with elevated blood pressure. *Eur J Clin Nutr* 2007;61:786-95.
- Walker TG, Chan DL, Freeman LM, Milbury PE, Blumberg JB. Serial determination of biomarkers of oxidative stress and antioxidant status in dogs with naturally occurring gastric dilatation-volvulus. *J Vet Emerg Crit Care* 2007;17:250-6.
- Li N, Jia X, Chen C-Y, Blumberg JB, Song Y, Zhang W, Zhang X, Ma G, Chen J. Almond consumption reduces oxidative DNA damage and lipid peroxidation in male smokers. *J Nutr* 2007;137:2717-22.
- Chen C-Y, Milbury PE, Chung S-K, Blumberg JB. Effect of almond skin flavonoids and quercetin on human LDL and apolipoprotein B-100 oxidation and conformation. *J Nutr Biochem* 2007;18:785-94.

- Ameho CK, Chen C-YO, Smith D, Sánchez-Moreno C, Milbury PE, Blumberg JB. Antioxidant activity and metabolite profile of quercetin in vitamin E depleted rats. *J Nutr Biochem* 2008;19:467-74.
- Luo M, Fernández-Estívariz C, Jones DP, Jonas-Accardi CR, Altehheld B, Bazaragan N, Hao L, Griffith DP, Blumberg JB, Galloway JR, Ziegler TR. Depletion of plasma antioxidants in surgical intensive care unit patients requiring parenteral feeding: Effects of parenteral nutrition with or without alanyl-glutamine dipeptide supplementation. *Nutrition* 2008;24:37-44.
- Jenkins DJA, Kendall CWC, Marchie A, Josse AR, Nguyen TH, Faulkner DA, Lapsley KG, Blumberg JB. The effect of almonds on biomarkers of lipid peroxidation in older hyperlipidemic subjects. *J Nutr* 2008;138:908-13.
- Ribaya-Mercado JD, Cherry C, Maramag CC, Tengco LW, Blumberg JB, Solon FS. Relationships of body mass index with serum carotenoids, tocopherols, and retinol at steady-state and in response to a carotenoid-rich vegetable intervention in Filipino schoolchildren. *Biosci Rpt* 2008;28:97-106.
- Kalt W, Blumberg JB, McDonald JE, Vinqvist-Tymchuk MR, Fillmore SAE, Graf BA, O'Leary JM, Milbury PE. Identification of anthocyanins in the liver, brain and eye of blueberry-fed pigs. *J Agric Food Chem* 2008;56:705-12.
- Chen C-YO, Blumberg JB. The in vitro capacity of almond skin polyphenols for scavenging free radicals and inducing quinone reductase. *J Agric Food Chem* 2008;56:4427-34.
- Grassi D, Desideri G, Necozione S, Lippi C, Casale R, Properzi G, Blumberg JB, Ferri C. Blood pressure is reduced and insulin sensitivity increased in glucose-intolerant, hypertensive subjects after 15 d of consuming high-polyphenol dark chocolate. *J Nutr* 2008;138:1671-76.
- Sahni S, Hannan MT, Gagnon D, Blumberg JB, Cupples LA, Kiel DP, Tucker KL. Higher vitamin C intake is associated with lower 4-year bone loss in elderly men. *J Nutr* 2008;138:1931-8.
- Luo M, Bazaragan N, Griffith DP, Fernández-Estívariz C, Leader LM, Easley KA, Daignault NM, Hao L, Dave N, Meddings JB, Galloway JR, Blumberg JB, Jones DP, Ziegler TR. Metabolic effects of enteral versus parenteral alanyl-glutamine dipeptide administration in critically ill patients receiving enteral feeding. *Clin Nutr* 2008;27:297-306.
- Li L, Aldini G, Carini M, Chen, C-Y, Chun H-K, Cho S-M, Park K-M, Correa CR, Russell RM, Blumberg JB, Yeum K-J. Characterisation, extraction efficiency, stability and antioxidant activity of phytonutrients in *Angelica keiskei*. *Food Chem* 2009;115:227-32.
- Sahni S, Hannan MT, Blumberg JB, Cupples LA, Kiel DP, Tucker KL. Inverse association of carotenoid intakes with 4-year change in bone mineral density in elderly men and women: the Framingham Osteoporosis Study. *Am J Clin Nutr* 2009;89:416-24.
- Li L, Chen C-YO, Chun H-K, Cho S-M, Park K-M, Lee-Kim YC, Blumberg JB, Russell RM, Yeum K-J. A fluorometric assay to determine antioxidant activity of both hydrophilic and lipophilic components in plant foods. *J Nutr Biochem* 2009;20:219-26.
- Maki KC, Reeves MS, Farmer M, Yasunaga K, Matsuo N, Katsuragi Y, Komikado M, Tokimitsu I, Wilder D, Jones F, Blumberg JB, Cartwright Y. Green tea catechin consumption enhances abdominal fat loss in overweight and obese adults. *J Nutr* 2009;139:264-270.
- Wang L, Lee I-M, Zhang S, Blumberg JB, Buring JE, Sesso HD. Dietary intake of selected flavonols, flavones, and flavonoid-rich foods and risk of cancer in middle-aged and older women. *Am J Clin Nutr* 2009;89:905-12.
- Winter JL, Barber LG, Freeman L, Griessmayr PC, Milbury PE, Blumberg JB. Antioxidant status and biomarkers of oxidative stress in dogs with lymphoma. *J Vet Intern Med* 2009;23:311-6.

Hughes KJ, Mayne ST, Blumberg JB, Ribaya-Mercado J, Johnson E, Cartmel B. Plasma carotenoids and biomarkers of oxidative stress in a population of head and neck cancer patients. *Biomarker Insights* 2009;4:17-26.

Bolling B, Blumberg JB, Chen C-YO. Extraction methods determine the antioxidant capacity and induction of quinine reductase by soy products in vitro. *Food Chem* 2009;116:351-5.

Sahni S, Hannan MT, Blumberg JB, Cupples LA, Kiel DP, Tucker KL. Protective effect of total carotenoid and lycopene intake on the risk of hip fracture: A 17-year follow-up from the Framingham Osteoporosis Study. *J Bone Mineral Res* 2009;24:1086-94.

Bolling BW, Dolnikowski G, Blumberg JB, Chen C-YO. Quantification of almond skin polyphenols by liquid chromatography-mass spectrometry. *J Food Sci* 2009;74:C326-32.

Sahni S, Hannan MT, Gagnon D, Blumberg J, Cupples LA, Kiel DP, Tucker KL. Protective effect of total and supplemental vitamin C intake on the risk of hip fracture - A 17-year follow-up from the Framingham Osteoporosis Study. *Osteoporosis Internatl* 2009;20:1853-61.

Botero D, Ebbeling CB, Blumberg JB, Ribaya-Mercado JD, Creager M, Swain JF, Feldman HA, Ludwig DS. Acute effects of dietary glycemic index on antioxidant capacity in a nutrient-controlled feeding study. *Obesity* 2009;17:1664-70.

Bortolini MS Jr, Agostini GG, Reis IT, Lamounier RPMS, Blumberg JB, Espindola FS. Total protein of whole saliva as a biomarker of anaerobic threshold. *Res Quart Exer Sports* 2009; 80:604-10.

Chung S-K, Chen, C-YO, Blumberg JB. Flavonoid-rich fraction from *Sageretia theezans* leaves scavenges reactive oxygen radical species and increases the resistance of low-density lipoprotein to oxidation. *J Med Food* 2009;12:1310-5.

Hollis JH, Houchins JA, Blumberg JB, Mattes RD. Effects of Concord grape juice on appetite, diet, body weight, lipid profile, and antioxidant status of adults. *J Am Coll Nutr* 2009;28:574-82.

Bolling BW, Court MH, Blumberg JB, Chen C-YO. The kinetic basis for age-associated changes in quercetin and genistein glucuronidation by rat liver microsomes. *J Nutr Biochem* 2010;21:498-503.

Li L, Chen C-YO, Aldini G, Johnson EJ, Rasmussen H, Yoshida Y, Niki E, Blumberg JB, Russell RM, Yeum K-J. Supplementation with lutein or lutein plus green tea extracts does not change oxidative stress in adequately nourished older adults. *J Nutr Biochem* 2010;21:544-9.

McKay DL, Chen C-YO, Saltzman E, Blumberg JB. *Hibiscus sabdariffa* L. tea (tisane) lowers blood pressure in prehypertensive and mildly hypertensive adults. *J Nutr* 2010;140:298-303.

Chen C-YO, Ribaya-Mercado JD, McKay D, Croom E, Blumberg JB. Differential antioxidant and quinone reductase inducing activity of American, Asian, and Siberian ginseng. *Food Chem* 2010;119:445-51.

Bolling BW, Dolnikowski G, Blumberg JB, Chen Oliver C-Y. Polyphenol content and antioxidant activity of California almonds depend on cultivar and harvest year. *Food Chem* 2010;122:819-25.

Maramag CC, Ribaya-Mercado JD, Rayco-Solon P, Solon JAA, Tengco LW, Blumberg JB, Solon FS. Influence of carotene-rich vegetable meals on the prevalence of anemia and iron deficiency in Filipino schoolchildren. *Eur J Clin Nutr* 2010;64:468-74.

Milbury PE, Vita JA, Blumberg JB. Cranberry juice anthocyanin pharmacokinetics in humans. *J Nutr* 2010;140:1099-1104.

McKay DL, Chen C-YO, Yeum K-J, Nathan NR, Lichtenstein AH, Blumberg JB. Chronic and acute effects of walnuts on antioxidant capacity and nutritional status in humans: a randomized, cross-over pilot study. *Nutr J* 2010;9:21:1-10.

Bolling B, Blumberg JB, Chen C-YO. The influence of roasting, pasteurisation, and storage on the polyphenol content and antioxidant capacity of California almond skins. *Food Chem* 2010;123:1040-7.

Correa CR, Li L, Aldini G, Carini M, Chen C-YO, Chun H-K, Cho S-M, Park K-M, Russell RM, Blumberg JB, Yeum K-J. Composition and stability of phytonutrients in five varieties of black soybeans (*Glycine max parr*). *Food Chem* 2010;123:1176-84.

Biesalski HK, Grune T, Tinz J, Zöllner I, Blumberg JB. Reexamination of a meta-analysis of the effect of antioxidant supplementation on mortality and health in randomized trials. *Nutrients* 2010;2:929-49.

Dohadwala MM, Holbrook M, Hamburg NM, Shenouda SM, Chung WB, Titas M, Kluge MA, Wang N, Palmisano J, Milbury PE, Blumberg JB, Vita JA. Effects of cranberry juice consumption on vascular function in patients with coronary artery disease. *Am J Clin Nutr* 2011;93:934-40.

Fischer L, Sutherland L, Kaley L, Hasler C, Fox T, Nobel J, Kantor M, Blumberg JB. Development and implementation of the Guiding Stars<sup>®</sup> nutrition guidance program. *Am J Health Promotion* 2011;26:e55-e63.

Bolling BW, Court M, Blumberg JB, Chen Y-C O. Microsomal quercetin glucuronidation in rat small intestine depends on age and segment. *Drug Metab Dispos* 2011; 39:1406-14.

Gao S, Qin T, Liu Z, Caceres MA, Ronchi CF, Chen C-YO, Yeum KJ, Taylor A, Blumberg JB, Liu Y, Shang F. Lutein and zeaxanthin supplementation reduces H<sub>2</sub>O<sub>2</sub>-induced oxidative damage in human lens epithelial cells. *Mol Vis* 2011;17:3180-90.

Maki KC, Gibson GR, Dickmann RS, Kendall CWC, Chen C-YO, Costabile A, Comelli EM, McKay DL, Almeida NG, Jenkins D, Zello GA, Blumberg JB. Digestive and physiological effects of a wheat bran extract, arabino-xylan-oligosaccharide, in breakfast cereal. *Nutrition* 2012;28:1115-21.

Serra A, Bryant N, Motilva MJ, Blumberg JB, Chen C-YO. The fetal programming of dietary fructose and saturated fat on hepatic quercetin glucuronidation in rats. *Nutrition* 2012;28:1165-71.

Grassi D, Desideri G, Necozione S, Ruggieri F, Blumberg JB, Stornello M, Ferri C. Protective effects of flavanol-rich dark chocolate on endothelial function and wave reflection during acute hyperglycemia. *Hypertension* 2012;60: 827-32.

Yoon G-A, Yeum K-J, Cho Y-S, Chen C-YO, Tang G, Blumberg JB, Russell RM, Yoon S, Lee-Kim YC. Carotenoids and total phenolic contents in plant foods commonly consumed in Korea. *Nutr Res Pract* 2012;6: 481-90.

Marklund M, McKeown NM, Blumberg JB, Chen C-YO. Hepatic biotransformation of alkylresorcinols is mediated via cytochrome P450 and  $\beta$ -oxidation: A proof of concept study. *Food Chem* 2013;139:925-30.

Berryman CE, Grieger JA, West SG, Chen CYO, Blumberg JB, Rothblat GH, Sankaranarayanan S, Kris-Etherton PM. Effects of walnuts and walnut components on postprandial lipemia, endothelial function, oxidative stress, and cholesterol efflux in humans with mild hypercholesterolemia. *J Nutr* 2013;143:788-94.

Sacheck J, Rasmussen H, Hall M, Kafka T, Blumberg JB, Economos C. The impact of pre-game snacks on exercise intensity, stress, and fatigue in children. *Pediatr Exerc Sci* 2014;26:159-67.

Liu Y, Blumberg JB, Chen C-YO. Quantification and bioaccessibility of California pistachio bioactives. *J Agric Food Sci* 2014;62:1550-6.

Corbin ZA, Rost NS, Lorenzano S, Kernan WN, Parides MK, Blumberg JB, Milbury PE, Arai K, Hartdegen SN, Lo EH, Feske SK, Furie KL. White matter hyperintensity volume correlates with matrix metalloproteinase-2 in acute ischemic stroke. *J Stroke Cerebrovasc Dis* 2014;23:1300-6.

Yi M, Fu J, Zhou L, Gao H, Shao J, Xu B, Wang Q, Li J, Huang G, Lapsley K, Blumberg JB, Chen C-YO. The effect of almond consumption on elements of endurance exercise performance in trained athletes. *J Intl Soc Sports Nutr* 2014;11:18.

Correa CR, Chen C-YO, Aldini G, Rasmussen H, Ronchi CF, Berchieri-Ronchi C, Cho S-M, Blumberg JB, Yeum K-Y. Bioavailability of plant pigment phytochemicals in *Angelica keiskei* in older adults: A pilot absorption kinetic study. *Nutr Res Practice* 2014;8:550-7.

Zou Y-S, Shen W-Z, Liao S-T, Liu F, Zheng S-Q, Blumberg JB, Chen C-YO. Mulberry leaf phenolics ameliorate hyperglycemia-induced oxidative stress and stabilize mitochondrial membrane potential in HepG2 cells. *Intl J Food Sci Nutr* 2014;65:960-6

McKay DL, Chen C-YO., Zampariello CA, Blumberg JB. Flavonoids and phenolic acids from cranberry juice are bioavailable and bioactive in healthy older adults. *Food Chem* 2015;168:233-40.

Chen C-YO, Kamil A, Blumberg JB. Phytochemical composition and antioxidant capacity of whole wheat products. *Intl J Food Sci Nutr* 2015;66:63-70.

Chen C-YO, Holbrook M, Duess M-A, Dohadwala MM, Hamburg NM, Asztalos BF, Milbury PE, Blumberg JB, Vita JA. Effect of almond consumption on vascular function in patients with coronary artery disease: a randomized, controlled, cross-over trial. *Nutr J* 2015;14:61. doi:10.1186/s12937-015-0049-5

Blumberg JB, Vita J, Chen C-YO. Concord grape juice polyphenols and cardiovascular risk factors: Dose-response relationships. *Nutrients* 2015;7:10032-52.

Kamil A, Smith DE, Blumberg JB, Astete C, Sabliov C, Chen C-YO. Bioavailability and biodistribution of nanodelivered lutein. *Food Chem* 2016;192:915-23.

McKeown NM, Marklund M, Ma J, Ross AB, Lichtenstein AH, Livingston KA, Jacques PF, Rasmussen HM, Blumberg JB, Chen C-YO. Comparison of plasma alkylresorcinols (AR) and urinary AR metabolites as biomarkers of compliance in a short-term, whole-grain intervention study. *Eur J Nutr* 2016;55:1235-44.

Walsh JM, Ren X, Zampariello C, Polasky DA, McKay DL, Blumberg JB, Chen C-YO. Liquid chromatography with tandem mass spectrometry quantification of urinary proanthocyanin A2 dimer and its potential use as a biomarker of cranberry intake. *J Separation Sci* 2016;39:342-9.

Hashimoto N, Blumberg JB, Chen C-YO. Hyperglycemia and anthocyanin inhibit quercetin metabolism in HepG2 cells. *J Med Food* 2016;19:141-7.

Ekinci FY, G.M. Başer GM, Özcan E, Güçlü Üstündağ O, Korachi M, Sofu A, Blumberg JB, Chen C-YO. Characterization of chemical, biological and antiproliferative properties of fermented black carrot juice, Shalgam. *Eur Food Res Tech* 2016;242:1355-68.

Sawicki CM, McKay DL, McKeown NM, Dallal G, Chen C-YO, Blumberg JB. Phytochemical pharmacokinetics and bioactivity of oat and barley flour: a randomized crossover trial. *Nutrients* 2016;8:813. doi:10.3390/nu8120813

Blumberg JB, Frei B, Fulgoni VL, Weaver CM, Zeisel SH. Vitamin and mineral intake is inadequate for most Americans: What should we advise patients about supplements? *J Fam Pract* 2016;65:S1-8.

Martins IM, Roberto BS, Blumberg JB, Chen C-YO, Macedo GA. Enzymatic biotransformation of polyphenolics increases antioxidant activity of red and white grape pomace. *Food Res Intl* 2016;89:533-9.

- Chen C-YO, Amity A, Liu Y, Du P, Blumberg JB, Garlick J. Photoprotection by pistachio bioactives in a 3-dimensional human skin equivalent tissue model. *Intl J Food Sci Nutr* 2017;68:712-8.
- Chen Q, Chen C-YO, Martins IM, Hou H, Zhao X, Blumberg JB, Li B. Collagen peptides ameliorate intestinal epithelial barrier dysfunction in immunostimulatory Caco-2 cell monolayers via enhancing tight junctions. *Food Funct* 2017;8:1144-51.
- Chen C-Y, Rasmussen H, Kamil A, Du P, Blumberg JB. Orange pomace improves postprandial glycemic responses: an acute randomized, placebo-controlled, double-blind, crossover trial in overweight men. *Nutrients* 2017;9:130;9. pii:E 130. doi:10.3390/nu9020130
- Hwalla N, Salem A I Dhaheri A, Radwan H, Abdullah Alfawaz H, Fouda MA, Mohammed Al-Daghri N, Zaghoul S, Blumberg JB. The prevalence of micronutrient deficiencies and inadequacies in the Middle East and approaches to interventions. *Nutrients* 2017;9:229. doi:10.3390/nu9030229
- Jung H, Chen C-YO, Blumberg JB, Kwak H-K. The effect of almonds on vitamin E status and cardiovascular risk factors in Korean adults: a randomized clinical trial. *Eur J Nutr* 2017. doi: 10.1007/s00394-017-1480-5
- dos Santos KC, Bueno BG, Pereira LF, Francisqueti FV, Braz MG, Bincoletto LF, da Silva LX, Ferreira ALA, Nakamune ACMS, Chen C-YO, Blumberg JB, Corrêa CR. Yacon (*Smallanthus sonchifolius*) leaf extract attenuates skeletal muscle oxidative stress and inflammation in diabetic rats. *Evidence-Based Compl Alter Med* 2017; ID 6418048. doi.org/10.1155/2017/6418048
- Blumberg JB, Frei B, Fulgoni VL, Weaver CM, Zeisel SH. Impact of frequency of multi-vitamin/multi-mineral supplement intake on nutritional adequacy and nutrient status in US adults. *Nutrients* 2017;9:849. doi:10.3390/nu9080849
- Blumberg JB, Frei B, Fulgoni VL, Weaver CM, Zeisel SH. Contribution of dietary supplements to nutritional adequacy in various adult age groups. *Nutrients* 2017;9:1325; doi:10.3390/nu9121325
- Lee Y, Berryman C, West S, Chen C-YO, Blumberg JB, Lapsley K, Preston A, Fleming J, Kris-Etherton P. Effects of dark chocolate and almonds on cardiovascular risk factors in overweight and obese individuals: a randomized controlled-feeding trial. *J Am Heart Assoc* 2017;6:e005162. doi:10.1161/JAHA.116.005162
- Quirós-Sauceda AE, Chen C-YO, Blumberg JB, Astiazarán-García H, Wall-Medrano A, González-Aguilar GA. Processing 'Ataulfo' mango into juice preserves the bioavailability and antioxidant capacity of its phenolic compounds. *Nutrients* 2017;9:1082. doi:10.3390/nu9101082
- Blumberg JB, Frei B, Fulgoni VL, Weaver CM, Zeisel SH. Contribution of dietary supplements to nutritional adequacy in race/ethnic population subgroups in the United States. *Nutrients* 2017;9:1295. doi:10.3390/nu9121295
- Blumberg JB, Frei B, Fulgoni VL, Weaver CM, Zeisel SH. Contribution of dietary supplements to nutritional adequacy by socioeconomic subgroups. *Nutrients* 2017;10:4. doi:10.3390/nu10010004
- Kamil A, Blumberg JB, Chen C-YO. Cell culture model for examining fat-soluble nutrient absorption in vitro. *J Food Nutr Res* 2017;5:160-7.
- Martins IM, Macedo GA, Macedo JA, Roberto BS, Chen Q, Blumberg JB, Chen C-YO. Tannase enhances the anti-inflammatory effect of grape pomace in Caco-2 cells treated with IL-1 $\beta$ . *J Funct Foods* 2017;29:69-76.
- Walsh J, Haddock J, Blumberg JB, McKay DL, Wei X, Dolnikowski G, Chen C-YO. Identification of methylated metabolites of oat avenanthramides in human plasma using UHPLC QToF-MS. *Intl J Food Sci Nutr* 2018;69:377-83.

Chew BP, Mathison BD, Kimble LL, McKay DL, Kaspar KL, Khoo C, Chen C-YO, Blumberg JB. Chronic consumption of a low calorie, high polyphenol cranberry beverage attenuates inflammation and improves glucoregulation, endothelial function, and HDL cholesterol in healthy overweight humans: a randomized controlled trial. *Eur J Nutr* 2018; doi.org/10.1007/s00394-018-1643-z

McKay DL, Eliasziw M, Chen C-YO, Blumberg JB. A pecan-rich diet improves cardiometabolic risk factors in overweight and obese adults. *Nutrients* 2018;10:339. doi:10.3390/nu10030339

Blumberg JB, Cena H, Barr SI, Biesalski HK, Uauy Dagach R, Belaney B, Frei B, Moreno González MI, Hwalla, Lategan-Potgieter R, McNulty H, van der Pols JC, Winichagoon P, Li D. The use of multi-vitamin/-mineral supplements: A Delphi Consensus panel report. *Clin Ther* 2018;40:640-57. doi:10.1016/j.clinthera.2018.02.014

Lorenzano S, Rost N, Khan M, Li H, Lima F, Maas M, Green R, Thankachan T, Dipietro A, Arai K, Som A, Pham L-D, Wu O, Harris G, Lo E, Blumberg JB, Milbury P, Feske S, Furie K. Oxidative stress biomarkers of brain damage: Hyperacute plasma F2-isoprostane predicts infarct growth in stroke. *Stroke* 2018;49:630-637. doi:10.1161/STROKEAHA.117.018440

Westerman K, Reaver A, Roy C, Ploch M, Sharoni E, Nogal B, Sinclair DA, Katz DL, Blumberg JB, Blander G. Longitudinal analysis of biomarker data from a personalized nutrition platform in healthy subjects. *Sci Rpt* 2018;8:14685. doi:10.1038/s41598-018-33008-71

Chen F, Du M, Blumberg JB, Chui KKH, Ruan M, Rogers G, Shan Z, Zeng L, Zhang FF. Association between dietary supplement use, nutrient intake, and mortality among US adults: A cohort study. *Ann Intern Med* 2019;170:604-613. doi:10.7326/M18-2478

Chen C-YO, Milbury PE, Blumberg JB. Polyphenols in almond skins after blanching modulate plasma biomarkers of oxidative stress in healthy humans. *Antioxidants* 2019;8:95. doi:10.3390/antiox8040095

Lorenzano S, Rost NS, Khan M, Li H, Batists LM, Chutinet A, Green RE, Thankachan T, Thornell B, Mulikansky A, Arai K, Som AT, Pharm L-DD, Wu O, Harris GJ, Lo EH, Blumberg JB, Milbury PE, Feske SK, Furie KL. Early molecular oxidative stress biomarkers of ischemic penumbra in acute stroke. *Neurology* 2019;93(13):e1288-e1298. doi:10.1212/WNL.00000000000008158

Braz MG, de Carvalho L, Chen C-YO, Blumberg JB, Souza KM, Arruda NM, Filho DAA, Resende LO, Faria RTBG, Canário Dd'A, de Carvalho LR, Corrêa CR, Braz JR, Braz LG. High concentrations of waste anesthetic gases induce genetic damage and inflammation in physicians exposed for three years: A cross-sectional study. *Indoor Air* 2020;30:512-20. doi:10.1111/ina.12643

Du M, Luo H, Blumberg JB, Rogers G, Chen F, Ruan M, Shan Z, Biever E, Zhang FF. Dietary supplement use among adult cancer survivors in the United States. *J Nutr* 2020;150:1499-1508.

Shishtar E, Rogers GT, Blumberg JB, Au R, Jacques PF. Long-term dietary flavonoid intake and change in cognitive function in the Framingham Offspring Cohort. *Public Health Nutr* 2020;Feb 24:1-13. doi:10.1017/S136898001900394X

Shishtar EA, Rogers GT, Blumberg JB, Au R, DeCarli C, Jacques PF. Flavonoid intake and MRI markers of brain health in the Framingham Offspring Cohort. *J Nutr* 2020;150:1545-53.

Chen C-YO, Rogers GT, McKay DL, Maki KC, Blumberg JB. The effect of multi-vitamin/multi-mineral supplementation on nutritional status in older adults receiving drug therapies: A double-blind, placebo-controlled trial. *J Diet Suppl* 2020. doi: 10.1080/19390211.2020.1834050

Shishtar E, Rogers GT, Blumberg JB, Au R, Jacques PF. Long-term dietary flavonoid intakes and risk of Alzheimer disease and related dementias in the Framingham Offspring Cohort. *Am J Clin Nutr* 2020;112:343-53.



Stern AL, Jones SS, Blumberg JB, Griffin TS. Effects of increasing germination duration on nutrient content, and functional and sensory attributes of whole wheat bread made from organic hard red wheat. *Intl J Food Sci Tech* 2020; Submitted.

Liu J, Du M, Blumberg JB, Rogers G, Naumova E, Chen F, Ruan M, Mozaffarian D, Zhang FF. Trends in dosage of dietary supplement use among US adults, 1999-2014. *Ann Intern Med* 2020; Submitted.

Mozaffarian D, El-Abbadi N, PhD, Masters W, Jacques P, Shi P, Blumberg JB, Micha R. Food Compass: A novel nutrient profiling system for assessing the healthfulness of foods. *Nature Foods* 2021; Submitted.

### **PUBLICATIONS – REVIEW ARTICLES**

Blumberg J, Brown D. Approaches to solving problems in industrial toxicology. *Chemical Seminars in Sound* (Audiotape Cassette Book). *Am Chem Soc*:1981.

Blumberg JB. Drug metabolism in the aged. *Drug-Nutr Interact* 1985;4:99-106.

Blumberg JB. The role of nutrition in aging. *Am Hlth Care Assoc J* 1986;12:35-7.

Blumberg JB. Drug-nutrient interactions. *Tr Pharmacol Sci* 1986;7:33-5.

Hartz S, Blumberg JB. Use of vitamin and mineral supplementation by the elderly. *Clin Nutr* 1986;5:130-6.

Blumberg JB. Nutrient requirements for the healthy elderly. *Contemp Nutr* 1986;11:1-2.

Blumberg JB. Vitamin-mineral needs in the older population. Proceedings from a Roundtable, Wesley Chapel, FL. *Biomedical Information Corporation* 1986;15-7.

Blumberg JB. Drug-induced malnutrition in the geriatric patient. *Nutr MD* 1987;13:1-3.

Meydani SN, Meydani M, Blumberg JB. Antioxidants and the aging immune response. *Adv Exp Med Biol* 1990; 262:57-67.

Blumberg JB. The role of lipids and antioxidants in immune function. *Clin Appl Nutr* 1991;1:53-61.

Blumberg JB. Considerations of the recommended dietary allowances for older adults. *Clin Appl Nutr* 1991;1:9-18.

Blumberg JB. Changing nutrient requirements in older adults. *Nutr Today* 1992;7:15-20.

Blumberg JB. Dietary antioxidants and aging. *Contemp Nutr* 1992;17:1-2.

Helzlsouer KJ, Block G, Blumberg J, Diplock AT, Levine M, Marnett LJ, Schulplein RJ, Spence JT, Simic MG. Summary of the round table discussion on strategies for cancer prevention: diet, food, additives, supplements, and drugs. *Cancer Res* 1994;54:2044s-51s.

Milner JA, Blumberg JB, Ernst N, Hathcock JN, Ziegler RG. Response panel on the impact of nutrient and nonnutrient antioxidants on cancer and cardiovascular disease. *Crit Rev Food Sci Nutr* 1995;35:99-110.

Blumberg JB. The requirement for vitamins in aging and age-associated degenerative conditions. *Bibliotheca Nutritio et Dieta* 1995;52:108-11.

Blumberg JB. Consideration of the scientific substantiation for antioxidants vitamins and  $\beta$ -carotene in disease prevention. *Am J Clin Nutr* 1995;62:S1521S-6S.

Blumberg JB. Nutritional needs of seniors. *J Am Coll Nutr* 1997;16:517-23.

- Blumberg JB. St. John's Wort. *Nutr Clin Care* 1998;1:87-8.
- Blumberg JB, Couris RR, Bernardi VW. The rationale for vitamin E supplementation. *U.S. Pharmacist* 1998;23:111-22.
- Moeller SM, Jacques PF, Blumberg JB. The potential role of dietary xanthophylls in cataract and age-related macular degeneration. *J Am Coll Nutr* 2000;19:522S-7S.
- Blumberg JB, Hughes, DA. Vitamins and immunocompetence. *Bibliotheca Nutritio et Dieta* 2001;55:200-5.
- Sacheck JM, Blumberg JB. The role of vitamin E and oxidative stress in exercise. *Nutr* 2001;17; 809-14.
- McKay DL, Blumberg JB. The role of tea in human health: An update. *J Am Coll Nutr* 2002;21:1-13.
- Blumberg JB. An update: Vitamin E supplementation and heart disease. *Nutr Clin Care* 2002;5:50-5.
- Blumberg JB, Cappellano K. Nutraceuticals and functional foods: Phytochemical research at Tufts Nutrition. *Food Tech* 2002;56:23.
- Graf B, Blumberg JB. Dietary flavonoids. *World Food Ingred.* 2004;March:50-3.
- Ribaya-Mercado JD, Blumberg JB. The potential health benefits of lutein and zeaxanthin. *World Food Ingred* 2004; August: 44-6.
- Blumberg JB, Ferreira R. Sistema inmunitario y vitamina C. *Antioxidantes y Calidad de Vida* 2004:1-5.
- Packer L, Blumberg JB, Jialal I, Lunec J, Meydani S, Violi F, Willett W. Future directions in clinical vitamin E research. *Ann NY Acad Sci* 2004;1031:313-23.
- Blumberg JB. Use of biomarkers of oxidative stress in research studies. *J Nutr* 2004;134:3188S-9S,
- Ribaya-Mercado JD, Blumberg JB. Lutein and zeaxanthin and their potential roles in disease prevention. *J Am Coll Nutr* 2004;23:567S-87S.
- Hathcock JN, Azzi A, Blumberg JB, Bray T, Dickinson A, Frei B, Jialal I, Johnston CS, Kelly FJ, Kraemer K, Packer L, Parthasarathy S, Sies H, Traber MG. Vitamins E and C are safe across a broad range of intakes. *Am J Clin Nutr* 2005;81:736-45.
- Graf BA, Milbury PE, Blumberg JB. Flavonols, flavones, flavanones and human health: Epidemiological evidence. *J Med Food* 2005;8:281-90.
- McKay D, Blumberg, JB. A review of the bioactivity and potential health benefits of chamomile tea (*Matricaria recutita* L.). *Phytother Res* 2006;20:519-30.
- McKay D, Blumberg JB. A review of the bioactivity and potential health benefits of peppermint tea (*Mentha piperita* L.). *Phytother Res* 2006;20:619-33
- Chen Y-C, Lapsley K, Blumberg JB. A nutrition and health perspective on almonds. *J Sci Food Agri* 2006;86:2245-50.
- McKay D, Blumberg JB. A review of the bioactivity of South African herbal teas: Rooibos (*Aspalathus linearis*) and Honeybush (*Cyclopia intermedia*). *Phytother Res* 2007;21:1-16.
- McKay DL, Blumberg JB. Roles for epigallocatechin gallate in cardiovascular disease and obesity: An introduction. *J Am Coll Nutr* 2007;26:362S-5S.

Ribaya-Mercado J, Blumberg JB. Vitamin A: Is it a risk factor for osteoporosis and bone fracture? *Nutr Rev* 2007; 65:425-38.

McKay D, Blumberg JB. Effect of cranberries (*Vaccinium macrocarpon*) on risk factors for cardiovascular disease. *Nutr Res* 2007;65:490-502.

Grassi D, Desideri G, Lippi C, Blumberg JB, Ferri C. Dark chocolate, flavanols, and regulation of blood pressure. *AgroFood* 2007;18:1-3.

Chen C-YO, Blumberg JB. Phytochemical composition of nuts. *Asia Pac J Clin Nutr* 2008;17(S1):329-32.

King JC, Blumberg JB, Ingwersen L, Jenab M, Tucker KL. Tree nuts and peanuts as components of a health diet. *J Nutr* 2008;138:1736S-40S.

Joice C, Lapsley K, Blumberg JB. Almonds as a value added ingredient: Benefits of a nutrient rich, high fibre nut. *Agro Food hi tech*. 2008;19:16-8.

Ruder EH, Hartman TJ, Blumberg JB, Goldman MB. Oxidative stress and antioxidants: Exposure and impact on female fertility. *Human Reprod Update* 2008;14:345-57.

Bolling BW, Chen C-Yo, Blumberg, JB. Tea and health: Preventive and therapeutic usefulness in the elderly? *Curr Opin Clin Nutr Metab Care* 2009;12:42-8.

Bolling BW, McKay DL, Blumberg JB. The phytochemical composition and antioxidant actions of tree nuts. *Asia Pac J Clin Nutr* 2010;19:117-23.

Somogyi A, Hathcock J, Biesalski H-K, Blumberg JB, Antoine J-M, Edwards G, Prock P. Scientific issues related to Codex Alimentarius goals: A review of principles, with examples. *Regulatory Pharmacol Toxicol* 2011; 60:161-4.

Biesalski HK, Aggett P, Anton R, Bernstein PS, Blumberg JB, Heaney RP, Henry J, Nolan J, Richardson DP, van Ommen B, Witkamp RF, Rijkers G, Zöllner I. 26<sup>th</sup> Hohenheim Consensus Conference / September 11<sup>th</sup> 2010: Scientific substantiation of health claims: Evidence-based nutrition. *Nutrition* 2011;27:S1-S20.

Bolling BW, Chen C-YO, McKay DL, Blumberg JB. The phytochemical composition of tree nuts. *Nutr Res Rev* 2011;24:244-75.

Corcoran MP, McKay DL, Blumberg JB. Flavonoid basics: Chemistry, sources, mechanisms of action and safety. *J Nutr Gerontol Geriatr* 2012; 31:176-89.

Blumberg JB. Vitamins: Preparing for the Next 100 Years. *Int J Vitamin Nutr Res* 2012;82:360-4.

Blumberg JB, Camesano TA, Cassidy A, Kris-Etherton P, Howell A, Manach C, Ostertag LM, Sies H, Skulas-Ray A, Vita J. Cranberries and their bioactive constituents in human health. *Adv Nutr* 2013;4:618-32.

Wang H, Blumberg JB, Chen C-YO, Choi S-W, Corcoran M, Harris S, Jacques PF, Kristo A, Lai C-Q, Lamon-Fava S, Lichtenstein AH, Matthan N, McKay DL, Meydani M, Parnell L, Prokopy MP, Scott T. Dietary modulators of statin efficacy in cardiovascular disease and cognition. *Mol Aspects Med* 2014;38:1-53

Blumberg JB, Ding EL, Dixon R, Pasinetti GM, Villarreal F. The science of cocoa flavanols: Bioavailability, emerging evidence and proposed mechanisms. *Adv Nutr* 2014; 5:547-9.

Blumberg, JB, Bolling BW, Xiao H, Chen C-YO. Review and perspective on the composition and safety of green tea extracts. *Eur J Nutr Food Safety* 2015;5:1-31.

Wallace TC, Blumberg JB, Johnson EJ, Shao A. Dietary bioactives: Establishing a scientific framework for recommended intakes. *Adv Nutr* 2015;6:1-4.

Lupton JR, Blumberg JB, L'Abbe M, LeDoux M, Rice HB, von Schacky C, Yaktine A, Griffiths JC. Nutrient reference values – non-communicable disease endpoints: A conference report – 2016-02-10. *Eur J Nut* 2016;55 (Suppl 1):S1–S10.

Blumberg JB, Basu A, Krueger CG, Lila MA, Neto CC, Novotny JA, Reed JD, Rodriguez-Mateos A, Toner CD. Impact of cranberries on gut microbiota and cardiometabolic health: Proceedings of the Cranberry Health Research Conference 2015. *Adv Nutr* 2016;7:759S-70S.

Blumberg JB, Bailey R, Sesso HD, Ulrich C. The evolving role of multivitamin/multimineral supplement use among adults in the age of personalized nutrition. *Nutrients* 2018;10:248. doi:10.3390/nu10020248

Eggersdorfer M, Akobundu U, Allen E, Bailey R, Shlisky J, Beaudreault A, Bergeron G, Blancato RB, Blumberg JB, Bourassa MW, Gomes F, Hodgkins CR, Jensen G, Johnson MA, Mackay D, Marshall K, Meydani SN, Tucker K. Hidden Hunger: Solutions for America's aging populations. *Nutrients* 2018;10:1210. doi:10.3390/nu10091210.

Roy CM, Blumberg JB, Blander G. A hierarchy for personalized nutrition platform inputs. *Agro Food Industry Hi-tech* 2018;29:26-28.

Bush CL, Blumberg JB, El-Sohemy A, Minich DM, Ordovás JM, Reed, DG, Yunez Behm VA. Toward the definition of personalized nutrition: A proposal by The American Nutrition Association. *J Am Coll Nutr* 2020;39:5-15. doi: 10.1080/07315724.2019.1685332

El-Abbadi NH, Taylor SF, Micha R, Blumberg JB. Nutrient profiling systems, front of pack labeling, and consumer behavior. *Curr Atheroscler Rep* 2020;22:36. doi.org/10.1007/s11883-020-00857-5

Zhang FF, Barr SI, McNulty H, Li D, Blumberg JB. Health effects of vitamin and mineral supplements. *BMJ* 2020; 369:m2511. doi: 10.1136/bmj.m2511

Wallace TC, Bailey RL, Blumberg JB, Burton-Freeman B, Chen CYO, Crowe-White KM, Drewnowski A, Hooshmand S, Johnson E, Lewis R, Murray R, Shapses SA, Wang DD. Fruits, vegetables, and health: A comprehensive narrative, scoping review of the science and recommendations for enhanced public policy to improve intake. *Crit Rev Food Sci Nutr* 2020;60:13:2174-2211. doi: 10.1080/10408398.2019.1632258.

Fanzo J, Drewnowski A, Blumberg J, Miller G, Kraemer K, Kennedy E. Nutrients, foods, diets, people: Promoting healthy eating. *Curr Dev Nutr* 2020;4:nzaa069

McBurney MI, Blumberg JB, Costello RB, Eggersdorfer M, Erdman Jr. JW, Gahche JJ, Harris WS, Johnson EJ, Mitterer SH, Post RC, Rai D, Schurgers LJ. Opportunities to modernize Dietary Recommended Intake and public health recommendations for dietary supplements. *Adv Nutr* 2020; Submitted

## **PUBLICATIONS - BOOK CHAPTERS/MONOGRAPHS**

Blumberg JB, Fisher G. Cancer Biology. In: *Aspects of Cancer Prevention: A Course for Physician Assistants*, Greenberg S. (ed), supported under contract NOI-CN-95433 from the Educational Research and Evaluation Branch, Division of Resources, Centers and Community Activities, National Cancer Institute 1982;45.

Blumberg JB, Levine A. *Drinking Water Criteria Document on Cadmium* supported under Contract 68-02-3168 from the Office of Drinking Water, Environmental Protection Agency 1982;256.

Blumberg JB, Levine A. *Suggested Non-Adverse Levels for Cadmium in Drinking Water* supported under Contract 68-02-3168 from the Office of Drinking Water, Environmental Protection Agency 1982;21.

Blumberg JB. Immunological Aspects of Aging. In: *Nutrition and Aging: A Report for the Office of Technology Assessment*, supported under contract from the OTA, R. McGandy (ed). 1983;24-9.

- Blumberg JB. Drug-Nutrient Interactions. In: *Nutrition and Aging: A Report for the Office of Technology Assessment*, supported under contract from the OTA, McGandy R. (ed). 1983;58-68.
- Blumberg JB. Drug-Nutrient Interrelationships. In: *The Practice of Geriatrics*, Calkins E, Davis P, Ford A. (eds). W.B. Saunders Co., Philadelphia, PA. 1986;148-52.
- Blumberg JB, Meydani SN. Role of Dietary Antioxidants in Aging. In: *Bristol-Myers Nutrition Symposia: Nutrition and Aging*; Vol. 5, Munro H, Hutchinson M. (eds). Academic Press, NY. 1986;85-97.
- Meydani SN, Cathcart ES, Hopkins RE, Meydani M, Hayes KC, Blumberg JB. Antioxidants in Experimental Amyloidosis of Young and Old Mice. In: *Amyloidosis* (Proc IV Int Congress), Glenner GG, Osserman EF, Benditt E, Calkins E, Cohen AS, Zucker-Franklin D, (eds). Plenum Press, NY. 1986;683-92.
- Blumberg JB, Meydani M. Physiology of Vitamin Absorption. In: *The Theory and Practice of Nutrition in Pediatrics*, Grand R, Sutphen J, Dietz W. (eds). Butterworth Publishers Inc., Woburn, MA. 1987;153-61.
- Blumberg JB. Vitamin E Requirements During Aging. In: *Nutritional and Medical Aspects of Vitamin E*, Hayaishi O, Mino M. (eds). Elsevier Science Publishers B.V., Amsterdam. 1987;53-61.
- Meydani SN, Shapiro AC, Meydani M, Blumberg JB. The Effect of Dietary Fat Type and Tocopherol Supplementation on the Tocopherol Status and Eicosanoid Synthesis in the Lung. In: *Proceedings of the American Oil Chemists Society: Short Course on Polyunsaturated Fatty Acids and Eicosanoids*, Lands WEM. (ed). AOCS Press, Champaign, IL. 1987;513-7.
- Blumberg JB, Russell RM, Sahyoun N. Geriatric Nutrition. In: *Quick Reference to Clinical Nutrition: A Guide for Physicians*, Halpern SL. (ed). JB Lippincott Co., Philadelphia, PA. 1987;111-7.
- Meydani S, Blumberg JB. Nutrition and Immune Function in the Elderly. In: *Human Nutrition: A Comprehensive Treatise*, Vol. VI, Munro H, Danforth D. (eds). Plenum Press, New York, NY. 1989;61-87.
- Shapiro AC, Meydani SN, Meydani M, Morrow F, McNamara JR, Schaefer EJ, Blumberg JB, Endres S, Dinarello CA. The Effect of Fish Oil Supplementation on Plasma alpha-Tocopherol and Retinol Levels. In: *Health Effects of Fish and Fish Oils*, Chandra RK (ed). ARTS Biomedical Publishers, St. John's, Newfoundland 1989;537-46.
- Meydani SN, Furukawa T, Meydani M, Blumberg JB. Beneficial Effect of Dietary Antioxidants on the Aging Immune System. In: *Oxygen Radicals in Biology and Medicine*, Simic MG, Taylor KA, Ward JF, von Sonntag C. (eds). Plenum Press, New York, NY. 1989;621-5.
- Blumberg JB. Drugs Affecting Appetite and Nutritional Status in the Elderly. In: *Proceedings of an NIA Conference on Oral Function and Nutrition in the Elderly*, Huber A, Wallins L. (eds). Simmons College Press, Boston 1989;87-99.
- Furukawa T, Meydani SN, Blumberg JB. The Potential Benefits of Dietary Glutathione on Immune Function and Other Practical Implications. In: *Handbook of Glutathione: Metabolism and Physiological Functions*, Vina J. (ed). CRC Press, Inc, Boca Raton, FL. 1990;351-8.
- Meydani SN, Blumberg JB. Vitamin E Supplementation and Enhancement of Immune Responses in the Elderly. In: *Micronutrients in Health and in Disease Prevention*, Bendich A, Butterworth C. (eds). Marcel Dekker, Inc, New York, NY. 1991;289-306.
- Blumberg JB, Suter P. Pharmacology, Nutrition, and the Elderly: Interactions and Implications. In: *Geriatric Nutrition*, Chernoff R. (ed). Aspen Publishers Inc, Rockville, MD. 1991;337-61.
- Meydani M, Blumberg J. Vitamin E. In: *Nutrition in the Elderly: The Boston Nutritional Status Survey*, Hartz S, Rosenberg I, Russell R, (eds). Smith-Gordon Co Ltd, London, UK. 1992;103-9.

- Meydani SN, Blumberg JB. Vitamin E and the Immune Response. In: *Nutrient Modulation of the Immune Response*, Cunningham-Rundles S (ed). Marcel Dekker, Inc, New York, NY. 1993;223-38.
- Blumberg JB. The Role of Vitamin E in Immunity During Aging. In: *Vitamin E: Its Usefulness in Health and Disease*, Mino M, Nakamura H, Diplock AT, Kayden HJ. (eds). Japan Scientific Societies Press, Tokyo, Japan and Karger Basel, Switzerland. 1993;219-29.
- Blumberg JB. Nutritionally Related Problems in the Elderly. In: *Encyclopaedia of Food Science, Food Technology & Nutrition*, Academic Press Ltd, London, UK. 1993;1543-8.
- Blumberg JB. Is There More to Essential Nutrient Functions Than Just Preventing Clinical Deficiency Symptoms? In: *Adjuvant Nutrition in Cancer Treatment*, Quillin P, Williams RM. (eds). Cancer Treatment Research Foundation, Arlington Heights, IL. 1993;35-43.
- Blumberg JB. Nutrient Control of the Immune System. In: *Functional Foods: Designer Foods, Pharmafoods, Nutraceuticals*, Goldberg I. (ed). Chapman & Hall, New York, NY. 1994;87-108.
- Blumberg JB. Vitamins. In: *Diet, Nutrition, and Immunity*, Forse RA. (ed). CRC Press, Inc. Boca Raton, FL. 1994; 237-46.
- Cannon J, Blumberg JB. Acute Phase Immune Response in Exercise. In: *Exercise and Oxygen Toxicity*, Sen CK, Packer L, Hänninen O. (eds). Elsevier Science Publ. BV, Amsterdam. 1994;447-62.
- Blumberg JB. Oxidative Processes and Antioxidants: Their Relation to Nutrition and Health Outcomes. *Oxidative Processes and Antioxidants: Their Relation to Nutrition and Health Outcomes*, Thirteenth Ross Research Conference on Medical Issues. Ross Products Division, Abbott Laboratories, Columbus, OH. 1994;79-87.
- Blumberg JB. Interactions Between Vitamin E, Free Radicals, and Immunity During the Aging Process. In: *Free Radicals in Diagnostic Medicine*, Armstrong D. (ed). Plenum Publishing Corp. New York, NY. *Adv Exp Med Biol* 1994;366:325-33.
- Halpner AD, Blumberg JB. Assessment of Antioxidant Vitamin Status in Older Adults. In: *Nutritional Assessment of Elderly Populations: Measure and Function*, Rosenberg IH. (ed). Raven Press, New York, NY. 1995;147-65.
- Blumberg JB. Vitamin E Beneficially Modulates Immunes Responses and Risk for Chronic Diseases. In: *Proceedings of the Fifth Annual Society of Vitamin E Science*. Urano S. (ed). Japan Scientific Societies Press, Tokyo, Japan. 1995;1-11.
- Blumberg JB, Meydani M. The Relationship between Nutrition and Exercise in Older Adults. In: *Perspectives in Exercise Science and Sports Medicine*, Vol. 8, Gisolfi CV, Nadel ER, Lamb DR. (eds). Cooper Publishing Group, Carmel, IN. 1995;353-93.
- Blumberg JB. Status and Functional Impact of Nutrition in Older Adults. In: *Handbook of the Biology of Aging*, Vol. V, Schneider EL, Rowe JW. (eds). Academic Press, Orlando, FL. 1996;393-414.
- Blumberg JB. Public Health Implications of Preventive Nutrition. In: *Preventive Nutrition, The Comprehensive Guide for Health Professional*, Bendich A, Deckelbaum R. (eds). Humana Press, Totowa, NJ. 1997;1-15.
- World Health Organization/Food and Agriculture Organization of the United Nations. Preparation and Use of Food-Based Dietary Guidelines. WHO Technical Report Series 880. Geneva. 1998. 108 pp. (Blumberg JB, member of consultation group)
- Blumberg JB, Halpner AD. Antioxidant Status and Function: Relationships to Aging and Exercise. In: *Antioxidants in Nutrition and Health*, Papas AM. (ed). CRC Press. Boca Raton, FL. 1998;251-76.

- Blumberg J, Couris R. Pharmacology, Nutrition, and the Elderly: Interactions and Implications. 2<sup>nd</sup> edition. In: *Geriatric Nutrition*, Chernoff R. (ed). Aspen Publishers Inc, Rockville, MD. 1999;342-65.
- Couris RR, McCloskey WW, Blumberg JB. Drug-Nutrient Interactions: The Pharmacist's Perspective. American Council on Pharmaceutical Education. Quest Educational Services, Inc. 1999; 1-15.
- Blumberg JB, McKay D. Vitamins and Minerals. In: *Atlas of Clinical Endocrinology*. Vol. 5 Human Nutrition and Obesity. Korenman SG (Series ed), Heber D (vol. ed). Current Medicine, Inc. Philadelphia PA. 2000; 32-51.
- Cannon J, Blumberg JB. Acute Phase Immune Response in Exercise. In: *Handbook of Oxidants and Antioxidants in Exercise*, 2nd Ed. Sen CK, Packer L, Hänninen O. (eds). Elsevier Science Publ. BV, Amsterdam. 2000; 177-93.
- Blumberg JB. Free Radical Theory of Aging. In: *The Science of Geriatrics*. Vol. 1. Morley JE, Armbrecht HJ, Coe RM, Vellas B (eds). SERDI Publishers, Paris/Springer Publishing Co. New York. 2000; 57-74.
- World Health Organization and Tufts University (Blumberg JB, contributor). Keep Fit for Life: Meeting the Nutritional Needs of Older Persons. Akre J (contributing ed). Geneva, Switzerland. 2002
- Milbury P, Blumberg JB. Dietary Antioxidants - Human Studies Overview. In: *Oxidative Stress and Aging: Advances in Basic Science, Diagnostics, and Intervention*. Rodriguez H, Cutler RG (Eds.). World Scientific Publishing Co. 2003:487-502.
- Blumberg JB. Elderly: Nutritionally Related Problems. In: *Encyclopedia of Food Sciences and Nutrition*. 2nd ed. Caballero B, Trugo L, Ginglas P (eds). Academic Press Ltd. London. 2003;2022-7.
- Kwak H-K, Blumberg JB. Multivitamins. In: *Diet and Human Immune Function*. Hughes DA, Bendich A, Darlington LG (eds). Humana Press, Inc. Totowa, NJ 2004;185-202.
- Blumberg JB. Commentary: Do Dietary Antioxidants Really Help Prevent or Treat Cancer? In: *Phytochemicals in Cancer Prevention*. Bagchi D (ed). CRC Press, Boca Raton, FL 2004:639-42.
- Couris RR, Gura KM, Blumberg JB. Pharmacology, Nutrition, and the Elderly: Interactions and Implications. In: *Geriatric Nutrition: The Health Professional's Handbook* (3<sup>rd</sup> edition). Chernoff R (ed). Jones and Bartlett Publishers, Boston, MA 2006:365-405.
- Blumberg JB, Milbury PE. Dietary Flavonoids. In: *Present Knowledge in Nutrition* (9<sup>th</sup> edition), Bowman BA, Russell RM (eds). ILSI Press, Washington, DC. 2006;361-70.
- Chen C-Y, Blumberg JB. Use of Biomarkers of Oxidative Stress in Human Studies. In: *Oxidative Stress, Disease and Cancer*. Singh K (ed). Imperial College Press London. 2006;1045-76.
- Chen C-Y, Blumberg JB. Oxidative Stress Status in Humans with Metabolic Syndrome. In: *Obesity: Epidemiology, Pathophysiology, and Prevention*. Bagchi D, Preuss HG (eds). CRC Press/Taylor & Francis Group, Boca Raton, FL 2007;123-37.
- Chen C-Y, Blumberg JB. Are There Age-related Changes in Flavonoid Bioavailability? In: *Phytochemicals: Aging and Health*. Meskin MS (ed). CRC Press/Taylor & Francis Group, Boca Raton, FL 2008;19-38.
- Chen C-Y, Blumberg JB. Flavonoids in Beer and Their Potential Benefit on the Risk of Cardiovascular Disease. In: *Encyclopaedic Handbook of Beer in Health and Disease Prevention*. Preedy VR, Watson RR (eds). Academic Press-Elsevier, Amsterdam. 2009;831-41.
- McKay DL, Miller MG, Blumberg JB. Teas, Tisanes, and Health. In: *Teas, Cocoa and Coffee: Plant Secondary Metabolites and Health*. Chapt. 4. Crozier A, Ashihara H, Barberán FT (eds). Wiley-Blackwell Publisher, Oxford, UK. 2011:99-142.

Blumberg JB. Antioxidants. In: *Encyclopedia of Lifestyle Medicine and Health*. Rippe JM (ed). SAGE Publications. Thousand Oaks, CA. 2012;176-83.

Chen C-Y, Blumberg JB. Oxidative Stress Status in Humans with Metabolic Syndrome. In: *Obesity: Epidemiology, Pathophysiology, and Prevention*. Chapt. 14 (2<sup>nd</sup> edition). Bagchi D, Preuss HG (eds). CRC Press/Taylor & Francis Group, Boca Raton, FL. 2012;193-209.

Paine MA, Ruder EH, Hartman TJ, Blumberg JB, Goldman MB. Oxidative Stress, Oogenesis, and Folliculogenesis. In: *Oxidative Stress in Applied Basic Research and Clinical Practice: Studies on Women's Health*. Chapt. 4. Agarwal A, Rizk B, Aziz N (eds). Humana Press, New York, NY. 2013;75-94.

Heber D, Blumberg JB. Micronutrient and Macronutrient Supplementation. Chap. 56. In: *CRC Handbook of Nutrition and Food*. Heber D (ed). CRC Press/Taylor & Francis Group, Boca Raton, FL. 2013;869-883.

Couris RR, Gura KM, Blumberg JB, Chernoff R. Pharmacology, Nutrition, and Elderly Adults: Interactions and Implications. Chap. 16. In: *Geriatric Nutrition: The Health Professional's Handbook* (4<sup>th</sup> edition). Chernoff R (ed). Jones and Bartlett Publishers, Boston, MA 2014;377-416.

Kamil A, Chen C-YO, Blumberg JB. The Application of Nanoencapsulation to Enhance the Bioavailability and Distribution of Polyphenols. Chapt. 10. In: *Nanotechnology and Functional Foods: Effective Delivery of Bioactive Ingredients*. Sabliov CM, Chen H, Yada R (eds). IFT Press. Wiley-Blackwell, Chichester, UK. 2015;158-74.

Folta SC, Brown A, Blumberg JB. Preventive Nutrition: From Public to Personal Recommendations and Approaches to Behavior Change. Chapter 1. In: *Preventive Nutrition: The Comprehensive Guide for Health Professionals*. 5<sup>th</sup> ed. Bendich A, Deckelbaum RJ (eds). Springer/Humana Press. New York, NY. 2015;3-24.

Darche RL, Ruder EH, Blumberg JB, Hartman TJ, Goldman MB. Antioxidants in Reproductive Health and Fertility. In: *Nutritional Antioxidant Therapies: Treatments and Perspectives*. Al-Gubory KH, Laher I (eds). Springer Intl Pub. New York, NY. 2018;113-36. [https://doi.org/10.1007/978-3-319-67625-8\\_5](https://doi.org/10.1007/978-3-319-67625-8_5)

Weber P, Birringer M, Blumberg JB, Eggersdorfer M, Frank J, Weber P. Introduction: Why (another) book on vitamin E? In: *Vitamin E in Human Health*. Weber P, Blumberg JB, Birringer M, Eggersdorfer M, Frank J (eds). Springer Nature/Humana Press. 2019; 1-4.

Birringer M, Blumberg JB, Eggersdorfer M, Frank J, Weber P. History of vitamin E research. In: *Vitamin E in Human Health*. Weber P, Blumberg JB, Birringer M, Eggersdorfer M, Frank J (eds). Springer Nature/Humana Press. 2019;7-18.

Weber P, Birringer M, Blumberg JB, Eggersdorfer M, Frank J (eds). *Vitamin E in Human Health*. Springer Nature/Humana Press. 2019; [doi.org/10.1007/978-3-030-05315-4](https://doi.org/10.1007/978-3-030-05315-4)

## **EDITORIALS AND COMMENTARIES**

Blumberg JB. Nutrition research in the elderly. *Aging Prog Lett* 1984;1:1-11.

Meydani SN, Siguel EN, Shapiro AC, Blumberg JB. Fish consumption and mortality from coronary heart disease (letter to the editor). *N Engl J Med* 1985;313:822.

Blumberg JB. Nutrition and aging (editorial). *Clin Nutr* 1986;5:coverpiece.

Blumberg JB. Testimony. The relationship between nutrition, aging and health: a personal and social challenge; Hearing Before the U.S. Senate Special Committee on Aging. *US Government Printing Office* Serial No. 99-13, 1986;4-15.

Blumberg JB. The Science Beat. *CRN News*. November, 1991.



Meydani SN, Meydani M, Miller RA, Cannon JG, Rocklin R, Blumberg JB. Vitamin E supplementation of elderly people: Reply to V. Herbert (letter). *Am J Clin Nutr* 1991;53:976-977.

Blumberg JB. FDA Editorial Comment. Proposed Reference Daily Intakes: a downgraded food label standard? *Nutrition* 1992;8:197.

Blumberg JB. Vitamins can boost the health span. *MedTrib* 1992;33:10.

Blumberg JB. (with 40 cosignatories). A Position Paper Submitted to the Food and Drug Administration - U.S. RDA Versus RDI: Protecting the Health of Americans Versus Minimizing Nutrient Needs. 1992;28.

Blumberg JB. Nutrition labeling standards and the future of nutrition. *J Optimal Nutr* 1992;1:43-45.

Blumberg JB. Commentary on: Mares-Perlman et al. Nutrient supplements contribute to the dietary intake of middle- and older-aged adult residents of Beaver Dam, Wisconsin. In: *J Nutr* 1993;123:176. *Perspect Appl Nutr* 1993;1(1):42-43.

Blumberg JB. Commentary on: Moran et al. Plasma ascorbic acid concentrations relate inversely to blood pressure in human subjects. In: *Am J Clin Nutr* 1993;57:213. *Perspect Appl Nutr* 1993;1(1):70.

Blumberg JB. Commentary on: Drinka et al. Nutritional correlates of atrophic glossitis: possible role of vitamin E in papillary atrophy. In: *J Am Coll Nutr* 1993;12:14. *Perspect Appl Nutr* 1993;1(1):71.

Blumberg JB. Commentary on: Prince et al. Beta-carotene accumulation in serum and skin. In: *Am J Clin Nutr* 1993;57:175. *Perspect Appl Nutr* 1993;1(1):72-73.

Blumberg JB. Commentary on: Rimm et al. Vitamin E consumption and the risk of coronary heart disease in men. In: *N Engl J Med* 1993;328:1450. and Stampfer et al. Vitamin E consumption and the risk of coronary disease in women. In: *N Engl J Med* 1993;328:1444. *Perspect Appl Nutr* 1993;1(2):31-33.

Blumberg JB. Commentary on: Ubbink et al. Vitamin B-12, vitamin B-6, and folate nutritional status in men with hyperhomocysteinemia. In: *Am J Clin Nutr* 1993;57:47. *Perspect Appl Nutr* 1993;1(2):89.

Blumberg JB. Commentary on: Kim et al. Vitamin and mineral supplement use and mortality in a US cohort. In: *Am J Public Health* 1993;83:546. *Perspect Appl Nutr* 1993; 1(2):90.

Blumberg JB. Commentary on Shemesh et al. Vitamin B12 deficiency in patients with chronic tinnitus and noise-induced hearing loss. In: *Am J Otolaryngol* 1993;14:94. *Perspect Appl Nutr* 1993;1(2):91.

Blumberg JB. Testimony. Regulation of dietary supplements; Hearing before the Subcommittee on Health and the Environment of the Committee on Energy and Commerce, House of Representatives. *U.S. Government Printing Office* Serial No. 103-57: 1994;201-207.

Blumberg JB. Decision analysis for antioxidant supplementation. *Nutri-News* (Mosby-Year Book). Spring:1994;10-12.

Blumberg JB. Commentary on: Blot et al. Nutrition intervention trials in Linxian, China: supplementation with specific vitamin/mineral combinations, cancer incidence, and disease-specific mortality in the general population. In: *J Natl Cancer Inst* 1993;85:1483. *Perspect Appl Nutr* 1994;1(3):30-32.

Blumberg JB. Commentary on: Pietz et al. Treatment of infantile spasms with high-dosage vitamin B6. In: *Epilepsia* 1993;34:757. *Perspect Appl Nutr* 1994;1(3):84.

Blumberg JB. Commentary on: Carlson et al. Visual-acuity development in healthy preterm infants: effect of marine-oil supplementation. In: *Am J Clin Nutr* 1993;58:35. *Perspect Appl Nutr* 1994;1(3):85.

- Blumberg JB. Folic acid reduces the risk of birth defects. *VitaminNews* 1994;1:1.
- Blumberg JB. Are antioxidants at an awkward age? *J Am Coll Nutr* 1994;13:218-219.
- Blumberg JB. Nutrient requirements of the healthy elderly - should there be specific RDAs? *Nutr Rev* 1994;52:S15-S18.
- Blumberg JB, Block G. The alpha-tocopherol, beta-carotene cancer prevention study in Finland. *Nutr Rev* 1994;52:242-245.
- Blumberg JB. Basis for the RDAs. Proceedings of a workshop on future Recommended Dietary Allowances. Rutgers University, Cook College. 1994;8-28.
- Blumberg JB. The RDAs: Is the concept still valid? *Nutr & MD* 1994;20:5-7.
- Blumberg JB. Antioxidants. The World Book Encyclopedia. World Book Publishing. Chicago, IL. 1995;557.
- Blumberg JB. Commentary on: Zimmermann et al. Influence of concomitant food intake on the oral absorption of two triazole antifungal agents, itraconazole and fluconazole. In: *Eur J Clin Pharmacol* 1994;46:147. *Perspect Appl Nutr* 1995;2:83.
- Blumberg JB. Commentary on: Mares-Perlman JA, et al. Relation between lens opacities and vitamin and mineral supplement use. *Ophthalmology* 1994;101:315. *Perspect Appl Nutr* 1995;2:77-78.
- Blumberg JB. Commentary on: The Alpha-Tocopherol, Beta Carotene Cancer Prevention Study Group. The effect of vitamin E and beta carotene on the incidence of lung cancer and other cancers in male smokers. In: *N Engl J Med* 1994;330:1029. *Perspect Appl Nutr* 1995;2:73-75.
- Blumberg JB. Recent trends in nutrition and aging research. *AGE News* 1995;25: April.
- Blumberg JB. Nutrition research shows how you can add more life to your years. *Caduceus J* 1995;27:31-33.
- Blumberg JB. Commentary on: Premature infants require additional folate and vitamin B-12 to reduce the severity of the anemia of prematurity. In: *Am J Clin Nutr* 1994;60: 930. *Perspect Appl Nutr* 1995;2:62-63.
- Blumberg JB. Commentary on: Pharmacokinetics of  $\beta$ -carotene and canthaxanthin after ingestion of individual and combined doses by human subjects. In: *J Am Coll Nutr* 1994;13:665. *Perspect Appl Nutr* 1995;2: 64-65.
- Blumberg JB. Commentary on: Chronic intake of pharmacological doses of vitamin e might be useful in the therapy of elderly patients with coronary heart disease. In: *Am J Clin Nutr* 1995;61:848-852. *Perspect Appl Nutr* 1995;3:92-93.
- Blumberg JB. Commentary on: Association between plasma homocysteine concentrations and extracranial carotid-artery stenosis. In: *N Engl J Med* 1995;332:286-291. *Perspect Appl Nutr* 1995;3:93-94.
- Blumberg JB. Is there a benefit to routine antioxidant supplementation? *Med Trib* 1996; 37:12.
- Blumberg JB. The state of complementary medicine: nutritional intervention for healthy aging. *Compl Med Physician* 1997;2:49.
- Weisburger JH, Blumberg J. Food tannins. *Food Technol* 1997;51:2-3.
- Blumberg JB. Commentary on: Long-term vitamin c supplement use and prevalence of early age-related lens opacities. In: *Am J Clin Nutr* 1997;66:911-916. *Nutr Clin Care* 1998;1:35-6.
- Blumberg JB. Dietary Reference Intakes for vitamin E. *Nutrition* 1999;15:797-9.

Hasler CM, Blumberg, JB. Phytochemicals: biochemistry and physiology. Introduction. *J Nutr* 1999;129:756S-7S.

Blumberg JB. HOPE: Vitamin E supplementation and cardiovascular events in high risk patients. In: *N Engl J Med* 2000;342:154-50. *Nutr Clin Care* 2000;3:133.

Blumberg JB. Unraveling the conflicting studies on vitamin E and heart disease. *Linus Pauling Institute Newsletter*. Spring/Summer 2002.

Blumberg JB. Introduction to the Proceedings of the Third International Scientific Symposium on Tea and Human Health: Role of Flavonoids in the Diet. *J Nutr* 2003;133:3244S-6S.

Blumberg JB. Dietary impact on healthy aging. *Perspectives: News and Views Newsletter* (Unilever) 2005;20:6-7.

Ribaya-Mercado JD, Blumberg JB. Carotenoids and health: An update. *Whitehall-Robins Rpt* 2005;14:1-2.

Grassi D, Ferri C, Blumberg JB. Chocolate consumption and incidence of hypertension. *Hypertension* 2005;46:e22 (author response letter).

Grassi D, Blumberg JB, Desideri G, Ferri C. Hypertension, diabetes: Chocolate with a single remedy? *Hyperstension* 2005;46:e17 (author response letter)

McKay DL, Blumberg JB. The essential antioxidants: An update on their therapeutic applications. *Whitehall-Robins Rpt* 2006;15:1-2.

Blumberg JB. Foreword. In: *An Evidence-based Approach to Dietary Phytochemicals*. Higdon J. Thieme Medical Publishers, NY. 2006:ix-x.

Blumberg JB. The nutrition agenda. *Altern Ther Health Med* 2006;12:64-71.

Blumberg JB, Seifried HE, Milner JA. The antioxidant agenda (editorial). *Nutrafoods* 2006;5:3

Blumberg JB. The global epidemic of obesity (Preface). In: *Obesidade: Uma Abordagem Multidisciplinar*. Lancha AH (ed.) Guanabara Koogan Publishers. Rio de Janeiro, Brazil. 2006; ix-xii.

Blumberg JB, Frei B. Commentary: Why clinical trials of vitamin E and cardiovascular diseases may be fatally flawed. *Free Radic Biol Med* 2007;43:1374-6.

Lawenda BD, Kelly KM, Ladas EJ, Sagar SM, Vickers A, Blumberg JB. Commentary: Should supplemental antioxidant administration be avoided during chemotherapy and radiation therapy? *J Natl Cancer Inst* 2008;100:773-83.

Lawenda BD, Blumberg JB, Sagar SM. Response to Pathak and Bhutani: Re: Should supplemental antioxidant administration be avoided during chemotherapy and radiation therapy? *J Natl Cancer Inst* 2008;100:1334-5

Lawenda BD, Blumberg JB, Sagar SM. Response to Simone and Simone II: Re: Should supplemental antioxidant administration be avoided during chemotherapy and radiation therapy? *J Natl Cancer Inst* 2008;100:1559-60.

Arab L, Blumberg JB. Introduction to the Proceedings of the Fourth International Scientific Symposium on Tea and Human Health: Role of Flavonoids in the Diet. *J Nutr* 2008;138:1526SS-8S.

Lawenda BD, Blumberg JB. Response to Block et al: Re: Should supplemental antioxidant administration be avoided during chemotherapy and radiation therapy? *J Natl Cancer Inst* 2009;101:125-6.

Blumberg JB. Do Antioxidant supplements protect against cancer? *Remedies* 2009

Blumberg JB. Preface. *Advances in Food Biochemistry*. Fatih Yildiz F (ed). Taylor & Francis Group, LLC and CRC Press LLC. New York. 2010.

Blumberg JB, Heaney RP, Huncharek M, Scholl T, Stampfer M, Vieth R, Weaver CM, Zeisel SH. Evidence-based criteria in the nutritional context. *Nutr Rev* 2010;68:478-84.

Heaney RP, Weaver CM, Blumberg JB. EBN ver. 2.0. *Nutr Today* 2011;46:22-6.

Ghosh S, Blumberg JB. A perspective on the delivery of micronutrient interventions: What are the needs? *Sight and Life* 2012;26:42-4.

Blumberg JB. Ask the expert. *Networking News*, Nutrition Education for the Public (Dietetic Practice Group) of Academy of Nutrition and Dietetics. 2012;Summer.

Blumberg JB. Introduction to the Proceedings of the Fifth International Scientific Symposium on Tea and Human Health. *Am J Clin Nutr* 2013;98:1607S-10S.

Blumberg JB. In Memoriam: John A. Milner. *Nutrafoods* 2014. doi: 10.1007/s13749-014-0005-6

Frei B, Ames BN, Blumberg JB, Willett WC. Enough is enough. *Arch Intern Med* 2014;160:807.

Blumberg JB, Broihier K, Duncan A, Fitzpatrick K, Fisher L, Nobel J. Regarding the paper 'The impact of a supermarket nutrition rating system on purchases of nutritious and less nutritious foods' by Cawley et al. *Public Hlth Nutr* 2014;18:2283-4.

Blumberg JB. Ensuring food and nutrition security through changes in food development, processing, and culture. In: Food Safety, Security, and Defense: Focus on food and the Environment. Institute on Science for Global Policy. 2014;74-85. ISBN:978-0-9861007-0-3

Chughtai B, Howell A, Thomas D, Blumberg JB. Efficacy of cranberry in preventing recurrent urinary tract infections: Have we learned anything new? Commentary on: Effect of cranberry capsules on bacteriuria plus pyuria among older women in nursing homes: A randomized clinical trial. *Urology* 2016;pii:S0090-4295(16)31016-0; doi: 10.1016/j.urology.2016.12.029

Newton RS, Blumberg JB, Reed DG, Stroka MA. The American Nutrition Association: Championing the science and practice of personalized nutrition. *J Am Coll Nutr* 2019; doi: 10.1080/07315724.2020.1699380

### **PUBLICATIONS FOR GENERAL AUDIENCES**

Blumberg JB, Dallal G, Dwyer J, Evans W, Gershoff S, Goldberg J, Rasmussen H, Sahyoun N, Schaefer E. The Promise Index™ - The Promise Get Heart Smart™ Program. Van Den Bergh Foods Co., Lever Brothers. 1990.

AARP Pharmacy Nutrition Advisory Board (Blumberg JB, Chernoff R, Hendler SS, Lindeman R, Spallholz J). Heart-healthy diets and cholesterol. *AARP Pharmacy Service Health Letter* 1989;1(2):1-2.

AARP Pharmacy Nutrition Advisory Board. Getting a grip on high blood pressure. *AARP Pharmacy Service Health Letter* 1989;1(3):1-2.

AARP Pharmacy Nutrition Advisory Board. Health guide to the new RDAs. *AARP Pharmacy Service Catalog* 1990;Fall:8.

AARP Pharmacy Nutrition Advisory Board. Laxatives and nutrition. *AARP Pharmacy Service Health Letter* 1990;2(2):1-2.

AARP Pharmacy Nutrition Advisory Board. Vitamins and minerals: vital to good health. *AARP Pharmacy Service Health Letter* 1991;3(2):1-2.

AARP Pharmacy Nutrition Advisory Board. Beta-carotene: color it valuable. *AARP Pharmacy Service Health Letter* 1992;4(5):4.

Blumberg JB, Kenney WL, Seals D, Spina R. Exercise and nutrition in the elderly. *Sports Science Exchange Roundtable* (Gatorade Sports Science Institute) 1992;10:1-4.

Blumberg JB, Dwyer J, Gershoff S, Goldberg J, Rasmussen H, Rosenberg I. 20 most asked questions about nutrition. Nature Made™ Vitamins - Pharmavite and Otsuka Co. 1992.

Blumberg JB. Nutraceuticals - a taste of the future. *Nestle Worldview* 1993;5:8.

Blumberg JB. Recent advances in vitamins and aging. *Vit Nutr Info Serv: Background* 1993;4:1-8.

Blumberg JB. Nutrition and the older woman. Proceedings of Conference on Nutrition and Women's Health: New Perspectives. Pegis, JM (ed). Roche; Toronto. 1993;69-76.

Blumberg JB. Folic acid reduces the risk of birth defects. *Vitamin News* 1994;1(1):1.

Blumberg JB, Clarkson P, Goldfarb A, Ji LL, Jenkins R. Exercise, nutrition and free radicals: what's the connection? Sports Science Exchange Roundtable (Gatorade Sports Science Institute) 1994;5:1-4.

Ronnenberg A, Blumberg JB. Nutraceuticals: vitamins in a new context. *Vitamin News* 1994;1(4):1.

Blumberg JB. Nutrient requirements for optimal health in older adults. *Caduceus*: 1995;27:31-33.

Blumberg JB. Why grapes are great. *Let's Live* 1998;January:132.

Blumberg, JB. Dietary supplements: Paradoxes and puzzles. *remedies* 2006;December:30.

## **INVITED PRESENTATIONS**

### **1984:**

National Foundation for Ileitis and Colitis, Wilmington, MA  
Current Concepts in Family Practice, East Carolina University, Greenville, NC  
Nutrition and Aging, University of New England, S. Portland, ME  
Governor's Conference on Aging, Worcester State College, Worcester, MA  
Advanced Nutrition Seminar Series, Harvard University, Boston, MA  
Toxicology Seminars, Northeastern University, Boston, MA  
Regional Aging Network (Administration on Aging), Fairlee, VT  
Nutrition Relevant to Pediatric Practice, Tufts University, Boston, MA  
American College of Nutrition, Boston, MA  
International Conference on Nutrients, Medicines and Aging, Rockefeller Foundation, Lake Como, Italy

### **1985:**

Kennebec Valley Medical Center, Rockport, ME  
Symposium on Aging and Health, Emory University, Atlanta, GA  
Gerontology Institute, University of Massachusetts, Worcester, MA  
International Advisory Committee on Aging to the Holy See, New York, NY  
Symposium on Nutrition and Aging, University of Arkansas, Little Rock, AK  
Bristol-Myers Symposium on Nutrition Research, Boston, MA  
Tennessee Public Health Association, Nashville, TN  
U.S. Senate Special Committee on Aging, Albuquerque, NM  
Biomedical Information Corporation, Tampa, FL

### **1986:**

Geriatric Research, Education and Clinical Center, VA Med. Center, West Roxbury, MA  
New Jersey Nutrition Council, Jamesbury, NJ  
U.S. Army 804th Hospital Center, Newton, MA  
College of Medicine, University of Illinois, Peoria, IL  
General Foods Technical Center, Tarrytown, NY  
Medical Education Workshop, Prescott, AZ  
University of Michigan, Ann Arbor, MI  
GRECC, Veterans Administration Medical Center, Gainesville, FL  
International Symposium on Vitamin E, Kyoto, Japan  
Kyoto University, Kyoto, Japan  
Kyowa Hakko Kogyo, Co. Ltd., Tokyo, Japan

**1987:**

University of California, School of Medicine, San Diego, CA  
Institute for Research on Aging, La Jolla, CA  
Massachusetts Dietetic Association, Boston, MA  
Indian Medical Association of New England, Lenox, MA  
McNeil Co., Philadelphia, PA  
Joint Commission of Accreditation for Hospitals, NIH, Bethesda, MD  
Rhode Island Dietetic Association, Warwick, RI  
Conference on Nutrition and Aging, Frances Stern Nutrition Center/New England Medical Ctr., Boston, MA

**1988:**

Manchester Memorial Hospital, Manchester, CT  
Weight Watchers Inc., New York, NY  
Vitamin E Symposium, Henkel Corporation, Laguna Niguel, CA  
Somerset Medical Center, Somerville, NJ  
Japan Society of Nutrition and Food Sciences, Tokyo, Japan  
Japan Oil Chemists' Society/Vitamin Society, Fukuoka, Japan  
Eisai Co. Ltd., Nagoya, Japan  
U.S. Ad Hoc Interagency Committee on Research on Aging, Bethesda, MD  
NIA Summer Institute in Research on Aging, Warrenton, VA  
Connecticut Dietetics Association, Farmington, CT  
NIH Nutrition Coordinating Committee, Bethesda, MD  
NIA Conference on Oral Function, Food Intake and Nutrition in the Elderly, Boston, MA

**1989:**

Joint Dietetic Internship Day, Frances Stern Nutrition Center, Boston, MA  
Nutrition Roundtable, Miles Consumer Healthcare Division, Scottsdale, AZ  
Institute of Health Policy Analysis, Georgetown University Medical Ctr., Boston, MA  
Gerontology Institute of New Jersey, Princeton, NJ  
Castel Ivano Symposia on Nutrition, Milan, Italy  
Nestec Research Center, Vevey, Switzerland  
Community Information Series, Tufts University, Boston, MA  
Illinois Geriatric Education Center, University of Illinois at Chicago, IL  
Emerson Hospital, Concord, MA  
Conference on Dietary Energy Intake, Aging and Diseases, NIH, Bethesda, MD  
Case Western Reserve University Geriatric Education Center, Cleveland, OH  
Successful Aging Teleconference, National Dairy Council, Tufts University, MA  
Clintec International Inc., Chicago, IL

**1990:**

Center for the Study of Nutritional Medicine, Harvard University, Boston, MA  
Vanderbilt University, Nashville, TN  
Kraft General Foods, Tarrytown, NY  
Baystate Medical Center, Springfield, MA

Department of Pharmacology, Tufts University, Boston, MA  
Vitamin E Symposium, Henkel Corporation, Blaine, WN  
Rush-Presbyterian-St. Luke's Medical Center, Chicago, IL  
Michigan State University, East Lansing, MI  
UMDNJ-Robert Wood Johnson Med. School, Rutgers University, New Brunswick, NJ  
Council for Responsible Nutrition, Tucson, AZ  
National Nutritional Foods Association, Boston, MA

**1991:**

Public Information Symposium, FASEB, Atlanta, GA  
Harvard University, Boston, MA  
Association of Practitioners in Infection Control, Nashville, TN  
Massachusetts Dietetic Association, Boston, MA  
Case Western Reserve University, Cleveland, OH  
Center for Science in the Public Interest, Washington, D.C.  
American Nutrition and Preventive Medicine Association, Atlanta, GA  
International Symposium on Vitamin E, Kawashima, Japan  
Kyowa Hakko Kogyo, Co. Ltd., Tokyo, Japan  
Nutrition Summit Conference, Newport Beach, CA  
General Mills, Minneapolis, MN  
Shaklee U.S./Yamanouchi Pharmaceutical Co., Ltd., San Francisco, CA  
University of Massachusetts, Amherst, MA  
Nutrition for Optimal Health Association, Chicago, IL  
Northrhine Academy of Medical Education (International Teleconference), Chicago, IL  
Maine Dietetic Association Gerontological Practice Group, Boston, MA  
International Life Sciences Institute-Nutrition Foundation, Washington, D.C.

**1992:**

Centro Internazionale di Studi Sull'Alimentazione, Rome, Italy  
Holyoke Hospital, Holyoke, MA  
Australian Council for Responsible Nutrition, Sydney, Australia  
Phillip Institute of Technology, Bundoora, Australia  
Nutritional Foods Association, Sydney, Australia  
Carotenoid Interactive Research Group, Anaheim, CA  
Ethical Culture Society, Boston, MA  
J.R. Carlson Laboratories, Inc., Chicago, IL  
Institute of Food Technology, New Orleans, LA  
Temple University, Philadelphia, PA  
Harvard University, Boston, MA  
Rutgers University, Washington, D.C.  
Institute for International Research, Chicago, IL  
Underwood Elementary School, Newton, MA  
Northeastern University, Boston, MA  
Shaklee U.S./Yamanouchi Pharmaceutical Co., Ltd., San Francisco, CA  
NuSkin International, Inc., Salt Lake City, UT  
Society for Nutrition Education, Washington, D.C.  
St. Vincent's Hospital, Worcester, MA  
Cancer Treatment Centers of America, Tulsa, OK  
American Geriatrics Society, Washington, D.C.  
Cornell University, Ithaca, NY  
East Tennessee State University, Johnson City, TN  
Eastman Chemical Products, Inc., Kingsport, TN  
Amway Australia, Inc., Las Vegas, NV  
Takeda U.S.A., Inc., Chatham, MA  
Veterans Administration Medical Center, Northampton, MA  
Frances Stern Nutrition Center, New England Medical Center, Boston, MA

The World Press Institute, Macalester College, Boston, MA

**1993:**

Harvard University, Boston, MA  
University of California at Los Angeles, Los Angeles, CA  
Quaker Oats Company, Chicago, IL  
Chicago Nutrition Association, Chicago, IL  
Veterans Administration Medical Center, North Hampton, MA  
General Mills Inc., Minneapolis, MN  
Roche Vitamin Information Program, Toronto, Ontario  
National Eldercare Institute, Chicago, IL  
First International Symposium on Functional Medicine, Wailea, HI  
Foundation for Long Term Care, Saratoga Springs, NY  
Eastern Regional Osteopathic Conference, Atlantic City, NJ  
New York Institute of Food Technologists, Islin, NJ  
Springfield Municipal Hospital, Springfield, MA  
American College for the Advancement of Medicine, Houston, TX  
Westchester Dietetics Association, Westchester, NY  
Center de Recherche l'Information Nutritionnelles, Boston, MA  
Brigham and Women's Hospital, Boston, MA  
Bristol-Myers Symposium on Nutritional Status and Function in the Elderly, Boston, MA  
Council for Responsible Nutrition, Washington, D.C.  
John L. McClellan Memorial Veterans' Hospital, Little Rock, AR  
Food and Nutrition Board, Institute of Medicine, Washington, D.C.  
International Life Sciences Institute, Washington, D.C.  
MacArthur Foundation for Successful Aging, Palo Alto, CA  
Department of Veterans Affairs Medical Center, Providence, RI  
Beth Israel Hospital, Boston, MA  
Subcommittee on Health and the Environment, U.S. House of Representatives, Washington, D.C.  
Massachusetts College of Pharmacy, Boston, MA  
Maine Dietetic Association, Bangor, ME  
Ross Laboratories, Charleston, NC  
National Institutes of Health, Bethesda, MD  
Food and Drug Administration, Washington, D.C.  
Oregon State Health Sciences University, Portland, OR  
Good Samaritan Hospital, Portland, OR  
Cornell University Medical College/Memorial Sloan-Kettering Cancer Center, New York, NY

**1994:**

University of Tokushima, Tokushima, Japan  
Wakayama Medical College, Wakayama City, Japan  
Society for Food Science and Technology, Hokkaido Branch, Sapporo, Japan  
Tohoku University, Sendai, Japan  
Symposium on Vitamin E in Human Health Care, Tokyo, Japan  
Society for Vitamin E Science of Japan, Tokyo, Japan  
Saga Research Institute, Otsuka Pharmaceutical Co., Ltd., Fukuoka, Japan  
Teikyo University, Tokyo, Japan  
Henkel Hokusai Corporation, Tokyo, Japan  
Sanghyon Chemical Corporation, Seoul, Korea  
Dong-A Pharma Co. Ltd., Seoul, Korea  
Yuhan Corp., Seoul, Korea  
Han-Dok Remedia Industrial Co., Ltd., Seoul, Korea  
Daewoong Pharmaceutical Co., Ltd., Seoul, Korea  
Massachusetts College of Pharmacy, Boston, MA  
Marquette University, Milwaukee, WI  
MetroWest Medical Center, Natick, MA



Cancer Treatment Centers of America, San Diego, CA  
Washington State University, Pullman, WA  
Massachusetts Dietetic Association, Boston, MA  
European Academy of Nutrition Science, Cannes, France  
International Conference on Adjuvant Nutrition and Chronic Disease, Toronto, Canada  
International Conference on Antioxidant Vitamins and  $\beta$ -Carotene in Disease Prevention, Berlin, Germany  
Gatorade Sports Science Institute, Cancun, Mexico  
New England American College of Sports Medicine, Boxborough, MA  
University of New Hampshire, Boston, MA  
Massachusetts Public Health Association, Boston, MA  
Harvard University, Boston, MA  
Takeda Canada Vitamin & Food, Inc., Toronto, Canada  
American Dietetic Association, Orlando, FL  
University of Tennessee, Memphis, TN  
NutraCon 94: Developing and Marketing Functional Foods and Nutraceuticals, New Orleans, LA

**1995:**

World Health Organization/Food and Agriculture Organization, Nicosia, Cyprus  
California Oxygen Society, San Francisco, CA  
New Jersey Medical School, UMDNJ, Newark, NJ  
American Heart Association (MA Chapter), Brookline, MA  
American Gastroenterology Association, San Diego, CA  
Henkel Corporation, Waikoloa, HI  
American Society for Clinical Chemistry, Anaheim, CA  
American College for the Advancement of Medicine, Colorado Springs, CO  
National Medical Care, Inc./W.R. Grace Inc., Columbia, MD  
American College of Nutrition, Washington, D.C.  
Thailand Perinatology National Conference, Petchaburi, Thailand  
Institute of Nutrition, Mahidol University, Bangkok, Thailand  
Private Medical Practitioners Association of Selangor and Kuala Lumpur, Malaysia  
Council for Responsible Nutrition, Squaw Creek, NV  
Nephrology Division, Tufts/New England Medical Center, Boston, MA  
Eastman Chemical Corporation, Johnson City, TN  
American Academy for the Advancement of Medicine, Broadmoor, CO

**1996:**

Northeastern University, Boston, MA  
Centre for the Exploitation of Science and Technology, Dedham, MA  
Experimental Biology Symposium, AIN, Washington, D.C.  
Illinois Dietetic Association, Chicago, IL  
American Association of Clinical Chemists, Chicago, IL  
UN/WHO Conference on Healthy Aging, New York, NY  
International Congress on Alternative and Complementary Medicine, Alexandria, VA  
Uniformed Services University of the Health Sciences/NIH, Bethesda, MD  
Toxicology Forum, Aspen, CO  
European Association for the Study of Diabetes, Vienna, Austria  
Tucumán National University, Tucumán, Argentina  
Mar del Plata Pharmaceutical College, Mar del Plata, Argentina  
Ateneo de la Cátedra de Medicina del Hospital Interzonal General, Tucumán, Argentina  
Buenos Aires University, Buenos Aires, Argentina  
American Egg Board, Naples, FL  
American College of Nutrition, San Francisco, CA  
Hermes Symposium on Vitamin E, Boston, MA  
Grandview Hospital, Philadelphia, PA  
CVS Senior Expo, Washington, D.C.

3<sup>rd</sup> Simposio Argentino De Vitaminas, Minerales Y Micronutrientes En Medicina, Nutricion Y Salud, Buenos Aires, Argentina

**1997:**

The New York Hospital-Cornell Medical Center, New York, NY  
Whitehall Robbins Corporation, Paris, France  
Smithsonian Institute, Washington DC  
Massachusetts College of Pharmacy, Framingham, MA  
University of Illinois, Chicago, IL  
FASEB Gordon Conference, Plymouth, NH  
Natural Nutritional Foods Association, Las Vegas, NV  
World Congress of Clin Nutrition, Banff, AL, Canada  
International Congress of Nutrition, Montreal, QB, Canada  
European Academy of Nutrition Sciences, Nice, France

**1998**

Bose Research Institute, Calcutta, India  
Internatl. Symposium on Endocrine and Molecular Interventions in Aging, Tampa, FL  
Forum on Drug and Hormone Interventions with Aging, Tampa, FL  
Obici Hospital, Suffolk, VA  
U.K. Guild of Health Writers/Royal Society of Medicine, London, England  
1<sup>st</sup> Annual VERIS Lecture, Royal Society, London, England  
International Society of Free Radical Research, São Paulo, Brazil  
Escola De Educaçã Física, Universidade De São Paulo, São Paulo, Brazil  
Hoffmann-LaRoche Limited VIP Editors Conference, Toronto, Canada  
2<sup>nd</sup> International Symposium on Tea and Health, Washington, D.C.  
Newton North High School, Newton, MA  
Food and Nutrition Board, Institute of Medicine, Washington, D.C.  
Body Wise International, Inc., Houston, TX  
Food Processing: Wellness Foods, Chicago, IL  
The North American Menopause Society, Toronto, Canada  
WHO Joint Expert Consultation on the Development of Nutrition Guidelines for the Elderly, Boston, MA  
General Mills, Minneapolis, MN

**1999:**

Baylor University Medical Center, Dallas, TX  
European Antioxidant Symposium, Palma de Mallorca, Spain  
III Simposio Internacional Antioxidantes y Calidad de Vida, Buenos Aires, Argentina  
Primer Encuentro Nacional Sobre Calidad De Vida En La Tercera Edad, Buenos Aires  
Sanatorio Allende, Coronado, Argentina  
Roche Seminar on Dietary Antioxidants, Mendoza, Argentina  
American Dietetics Association, Atlanta, GA  
American Academy of Physician Assistants, Atlanta, GA  
M&M/Mars, de Ruwenberg B.V., Holland  
University of California Center on Human Nutrition, Los Angeles  
Pan American Congress of Gastroenterology, Vancouver, British Columbia  
ASPEN Audio Teleconference: Utility of Antioxidants

**2000:**

American Egg Board/Egg Nutrition Center, Amelia Island, FL  
Linus Pauling Institute, Oregon State University, Corvallis, OR  
State Health Education Council of West Virginia, Canaan Valley, WV  
Vanderbilt University School of Medicine, Nashville, TN  
General Mills, Minneapolis, MN  
National Congress of Geriatrics and Gerontology, Barcelona, Spain  
Almond Board of California, San Diego, CA

University of Arkansas School of Medicine, Little Rock, AR  
Tea Council of the USA, Las Croabas, Puerto Rico  
Kraft Foods, Glenview, IL  
American Association of Retired Persons, Alexandria, VA  
The Forsyth Institute, Boston, MA

**2001:**

FASEB Summer Research Conference, Tucson, AZ  
Americian College of Sports Medicine, Baltimore, MD  
2<sup>nd</sup> International Conference on Oxidative Stress and Aging, Maui, HI  
Diet and Optimum Health (Linus Pauling Institute), Portland, OR  
Fourth International Symposium on Nutraceuticals and Functional Ingredients, Geneva, Switzerland  
Food 3000 (American Dietetic Association Spokepersons), Rome, Italy  
Environmental Health Sciences Center, University of Wisconsin, Madison, WI  
International Congress of Nutrition, Vienna, Austria  
National Institute of Environmental Health Sciences, Research Triangle Park, NC  
9<sup>th</sup> Annual Conference on Women's Health & Gender-Based Medicine, Washington, DC  
American Dietetic Association, St. Louis, MO  
Oldway Preservation Exchange and Trust, Boston, MA

**2002:**

American College for Advancement in Medicine, Fort Lauderdale, FL  
3<sup>rd</sup> International Symposium on Tea and Health, Washington, D.C.  
5<sup>th</sup> International Symposium on Nutraceuticals and Functional Ingredients, Geneva, Switzerland  
Cargill Corporation, Minneapolis, MN  
Council on Aging, Watertown, MA  
Cornell University, Ithaca, NY  
Health Supplements Information Service, London, UK  
National Natural Foods Association, Las Vegas, NV  
California Avocado Commission, Santa Barbara, CA  
Chinese Institute of Food Science and Technology, Xi'an, China  
International Life Sciences Institute, Beijing, China  
Tea Association Convention, Palm Springs, CA  
Dole Food Company, Inc., Westlake Village, CA

**2003:**

American Egg Board/Egg Nutrition Center Health Communicators Conference, Amelia Is., FL  
American Society for Horticultural Science, Providence, RI  
Experimental Biology Symposium - Nutrition & Exercise: At The Crossroads, San Diego, CA  
Estee Lauder, Melville, NY  
Scientific Bases of Alternative Medicine, University of Chicago, Chicago, IL  
Diet and Optimal Health Conference, Linus Pauling Institute, Portland, OR  
National Cancer Institute, Bethesda, MD  
SupplySide East International Trade Show and Conference, Secaucus, NJ  
Specialty Tea Institute, Boston, MA  
First International Scientific Symposium on Eggs and Human Health, Washington, DC  
California Avocado Commission, Rancho Valencia, CA  
Multivitamins and Public Health: Exploring the Evidence, Washington, DC

**2004:**

Nutrition and Health: State of the Science & Clinical Applications, University of Arizona, Tucson, AZ  
Administracion Nacional de Medicamentos Alimentos y Tecnologia, Buenos Aires, Argentina  
Eastern Tennessee State University, Johnson City, TN  
University of Massachusetts Medical School, Worcester, MA  
New York Academy of Sciences Conference on Vitamin E and Health, Boston, MA  
Celestial Seasonings, Boulder, CO

American Dietetic Association, Anaheim, CA  
5<sup>th</sup> International Conference and Exhibition on Nutraceuticals and Functional Foods, San Francisco, CA  
Korean Society of Food and Nutrition Science, Jeju Island, South Korea  
Pillsbury Bake-Off, Hollywood, CA  
SupplySide West International Trade Show and Conference, Las Vegas, NV  
Longwood Nutrition Seminar, Harvard Medical School, Boston, MA

**2005:**

Safety and Benefits of Vitamin E and Other Antioxidants Conference, Univ. Southern California, Los Angeles  
British Columbia Functional Food and Nutraceutical Network, University of British Columbia, Vancouver  
California Avocado Commission, Laguna Beach, CA  
Gerontological Society of America, Orlando, FL  
Diet and Optimum Health Conference, Oregon State University, Portland, OR  
Nutrition and Health Conference, University of Arizona, Tucson, AZ  
American Dietetic Association, St. Louis, MO  
Congressional Staff Briefing on Multivitamins, Rayburn House Office Building, Washington, DC  
Unilever Health Institute, Rotterdam, The Netherlands  
Beverage Institute for Health and Wellness (Coca-Cola Co.), Houston, TX  
American Aging Association, Oakland, CA  
International Life Sciences Institute-China, Beijing, China  
6<sup>th</sup> International Conference on Food Science and Technology, Guangzhou, China  
2<sup>nd</sup> International Conference on Polyphenols and Health, Davis, CA

**2006:**

General Medical Associates, New England Medical Center, Boston, MA  
American Association for the Advancement of Science, St. Louis, MO  
Nutrition and Health Conference, Columbia University, New York, NY  
International Academy of Oral Medicine and Toxicology, Washington, DC  
Milken Institute, Santa Monica, CA  
American College of Nutrition, Reno, NV  
Japanese National Institutes of Health, Tokyo, Japan  
The Hershey Company, Hershey, PA  
California Walnut Commission, Napa, CA

**2007:**

University Rovira Virgili, Reus, Spain  
Universitat Autònoma de Barcelona, Spain  
Food 3000 (Porter-Novelli), Athens, Greece  
Nuts and Health Symposium, University of California, Davis  
University of California Irvine School of Medicine and Samueli Institute, Newport Beach, CA  
Focus on the Future Executive Conference & Retreat (Virgo Publishing), Scottsdale, AZ  
Asian Congress on Nutrition, Taipei, Taiwan  
International Life Science Institute, Beijing, China  
Subang Jaya Medical Centre, Kuala Lumpur, Malaysia  
KK Women & Children's Hospital in Singapore  
Health Promotion Board, Singapore  
American College for Advancement in Medicine, Phoenix, AZ  
Nutrition and Health Conference, University of Arizona/Columbia University, San Diego, CA  
Institute of Food Technologists, Chicago, IL  
SupplySide East, Secaucus, NJ  
4<sup>th</sup> International Symposium on Tea and Human Health, Washington, DC  
University of Arizona, Tucson, AZ  
Northeastern University, Boston, MA

**2008:**

Council for Responsible Nutrition, Pentagon City, VA  
Nutrition and Health Conference, University of Arizona/Columbia University, Phoenix, AZ  
New York Academy of Science, New York, NY  
Harvard Medical School Osher Research Center, Boston, MA  
Sports and CVD Nutritionists (SCAN), American Dietetics Association, Boston, MA  
Tufts-Unilever Strategic Research Alliance, Boston, MA  
Singapore Health Promotion Board, Singapore  
Thai Pharmacies Association, Bangkok, Thailand  
Iona College, New Rochelle, NY  
Workshop on Evidence-based Nutrition, Creighton University, Omaha, NB  
National Nutrient Databank Conference, Ottawa, Ontario, Canada  
24<sup>th</sup> International Conference on Polyphenols, Salamanca, Spain  
Supply Side West, Las Vegas, NV

**2009:**

Kronos Longevity Research Institute, Phoenix, AZ  
University of Nebraska Medical Center, Omaha, NE  
Nutracon/ExpoWest, Anaheim, CA  
International Congress of Nutrition, Bangkok, Thailand  
Institute of Food Technologists, Anaheim, CA  
Nutrition and Health Conference, University of Arizona, Chicago, IL  
Diet and Optimum Health Conference, Portland, OR  
Canadian Nutrition Societies, Quebec City, Quebec, Canada  
California Walnut Commission, San Diego, CA  
Osher Lifelong Learning Institute, Tufts University, Medford, MA  
Novus International, St. Louis, MO

**2010:**

Alcon Laboratories, Dallas, TX  
Council for Responsible Nutrition – International, Geneva, Switzerland  
Department of Community and Family Medicine, Dartmouth Medical School, Lebanon, NH  
International Alliance of Dietary Supplement Associations, Beijing, China  
Institute of Food Technologists, Chicago, IL  
Nutrition and Health Conference, University of Arizona, Atlanta, GA  
Nutracon/ExpoWest, Anaheim, CA  
Endocrine National Level Congress, Seoul, Korea  
The Royal College of Physicians, Bangkok, Thailand  
Ramathibodi Hospital, Mahidol University, Bangkok, Thailand  
New England Older Americans Act Reauthorization Hearing, Boston, MA  
Department of Nutrition and Food Science, Texas A&M University, College Station, TX (remote lecture)  
GRECC, Central Arkansas Veterans Healthcare System; Univ. of Arkansas for Medical Sciences, Little Rock, AR  
ScienceBased Health, Chicago, IL  
American Dietetic Association, Boston, MA

**2011:**

Institute of Medicine Food Forum, National Academies of Science, Washington DC  
Northeast Massachusetts Dietetic Association, Beverly, MA  
Nutrition and Health Conference, University of Arizona, San Francisco, CA  
Osher Lunch & Learn Program, Tufts University, Medford, MA  
Sloan Epidemiology Center, Boston University, Boston, MA  
International Alliance of Dietary Supplement Manufacturers, Buenos Aires, Argentina  
European Congress of Nutrition, Madrid, Spain  
International Conference on Polyphenols and Health. Barcelona, Spain  
Wissotzky Tea Workshop on Tea and Health, Jerusalem, Israel  
Program in Pharmacology and Experimental Therapeutics, Tufts University, Boston, MA

**2012:**

ASN Advances and Controversies in Clinical Nutrition Conference, Chicago, IL  
1<sup>st</sup> ASN Middle East Congress on Nutrition in Health and Disease, Istanbul, Turkey  
International Food and Agricultural Congress, Antalya, Turkey  
5<sup>th</sup> International Scientific Symposium on Tea & Human Health, USDA, Washington, DC  
Nutrition and Health Conference, University of Arizona, Boston, MA  
Institute of Food Technologists 'Wellness 2012', Chicago, IL  
National Coffee Association, Charleston, SC  
ASN Advances and Controversies in Clinical Nutrition, Chicago, IL  
Mérieux Foundation, Annecy, France  
McGill University, Montreal, Canada  
American College of Nutrition, Morristown, NJ  
University of Connecticut, Storrs, CT  
University of Basel, Switzerland

**2013:**

California Walnut Commission, Carlsbad, CA  
Nutrition and Health Conference, University of Arizona, Seattle, WA  
Osher Research Center, Harvard Medical School, Boston, MA  
American College of Nutrition, San Diego, CA  
6<sup>th</sup> International Conference on Polyphenols and Health, Buenos Aires, Argentina  
Korea Nutrition Society, Seoul, South Korea  
Ewha Womans University, Seoul, South Korea  
Clinical and Translational Science Institute, Tufts University, Boston, MA

**2014:**

Canadian Tech Accelerator, Canadian Consulate General, Boston, MA  
Ocular Nutrition Society/Vision Expo East, New York, NY  
Russell Klein Nutrition Research Symposium, Ohio State University, Columbus, OH  
World Tea Exposition, Long Beach, CA  
Experimental Biology, San Diego, CA  
5<sup>th</sup> Advanced Regulatory and Compliance Summit on Food & Beverage Marketing and Advertising, Chicago, IL  
International Life Sciences Institute-North America Workshop, Role and use of nutritional studies in evaluating the safety of a food or ingredient, Washington, DC  
Guangzhou International Symposium for Nutrition and Health, Guangzhou, China  
Sericulture and Agri-Food Research Institute, Guangzhou, China  
Food Safety, Security, and Defense: Focus on Food and the Environment, Institute on Science for Global Policy, Cornell University, Ithaca, NY  
Day of Science Workshop, Council for Responsible Nutrition, Laguna Niguel, CA  
ASN Advances and Controversies in Clinical Nutrition, National Harbor, MD

**2015:**

12<sup>th</sup> Annual Natural Supplements: An Evidence Based Update, San Diego, CA  
Integrative Healthcare Symposium, New York, NY  
Nutrition and Health Conference, University of Arizona, Phoenix, AZ  
Interdepartmental Nutrition Program Seminar, Purdue University, West Lafayette, IN  
BASF Science Symposium Sustainable Food Chain: From Field to Table, Chicago, IL  
Korean Society for Food Science and Nutrition, Pyeongchang, South Korea  
Ewha Womans University, Seoul, South Korea  
Korea National Open University, Seoul, South Korea  
American Association of Cereal Chemists International, Minneapolis, MN  
Canada Nutrition Society, Winnipeg, Manitoba, Canada  
Council for Responsible Nutrition International, Frankfurt, Germany  
National Association of Doctors Congress in Guanacaste, Costa Rica

**2016:**

13<sup>th</sup> Annual Natural Supplements: An Evidence-Based Update, San Diego, CA  
Nutrition News Forecast, Academy of Nutrition and Dietetics, Denver, CO  
Middle East Dietary Supplements Consensus Meeting, Dubai, United Arab Emirates  
Fresenius Kabi Deutschland GmbH, Bad Homburg, Germany  
The Personalized Nutrition Congress, Boston, MA  
Academy of Nutrition and Dietetics Foundation, Boston, MA

**2017:**

Nutrition and Health Conference, University of Arizona, Phoenix, AZ  
IUNS International Congress of Nutrition, Buenos Aires, Argentina  
International Alliance of Dietary/Food Supplement Associations, Seoul, South Korea  
Ewha Womans University, Seoul, South Korea  
Korean National Open University, Seoul, South Korea  
American Society for Nutrition/Experimental Biology, Chicago, IL  
Council for Responsible Nutrition, Tucson, AZ  
California Walnut Commission, San Francisco, CA

**2018:**

New York Academy of Sciences/ Sackler Institute for Nutrition Science, Washington, DC  
American Society for Nutrition, Boston, MA  
Executive Office of Elder Affairs, Commonwealth of Massachusetts, Boston, MA  
Congressional Dietary Supplement Caucus, Washington, DC  
Nutraceuticals and Medicine Conference, Tampa, FL

**2019:**

Nutrition 2019 (American Society for Nutrition), Baltimore, MD  
7<sup>th</sup> Annual Thought Leaders Consortium, Personalized Lifestyle Medicine Institute, Seattle, WA  
13<sup>th</sup> European Nutrition Congress, Federation of European Nutrition Societies, Dublin, Ireland

**2020:**

Council for Responsible Nutrition (virtual online)