

Mario G. Ferruzzi, PhD

Professor of Food Science and Nutrition
Purdue University

Departments of Food Science and Nutrition Science
745 Agriculture Mall Dr. West Lafayette, IN 47906

A. EDUCATION

- 2001 The Ohio State University Columbus, Ohio
PhD, Food Science and Nutrition
- 1998 The Ohio State University Columbus, Ohio
MSc, Food Science and Nutrition
- 1996 Duke University Durham, North Carolina
BSc, Chemistry

B. PROFESSIONAL EXPERIENCES

- 1996-2001 *Graduate Research Fellow*
Department of Food Science
The Ohio State University, Columbus OH
- 1998 *R&D Intern, Ice Cream Coatings Group*
Nestlé R&D Center, Marysville, OH
- 2001-2003 *Research Scientist, Liquid Beverage*
Nestlé R&D Center, Marysville, OH
- 2003-2004 *Research Scientist, Nutrition & Health*
Nestlé Research Centre, Lausanne, CH
- 2004-Present Assistant, Associate and Professor
Department of Food Science
Department of Nutrition Science
Purdue University; West Lafayette, IN

C. HONORS AND AWARDS

- Purdue University Faculty Scholar (2014-2019)
- Purdue University Agricultural Research Award (2013)
- American Society for Nutrition Mary Swartz Rose Young Investigator Award (2011)
- Institute of Food Technologist Samuel C. Prescott Award (2010)
- Purdue University Seed for Success Award (2008)
- IFT Outstanding Member- Section (2006)
- Ohio State University Food Science Graduate Research Award (2001)
- Kalsec Inc. *Steven S. Chang* Memorial IFT Fellowship Recipient (2000)

D. TEACHING AND MENTORING EXPERIENCE

- *Undergraduate courses* in Food Analysis, Food Product Design, Food Processing and Current Topics in Food Science
- *Graduate Courses* in Food Lipids, Phytochemicals, Food Product Development
- Organized and led 8 Study Abroad courses to Italy from 2005-2014
- Mentor to 6 visiting scholars from Thailand, China and Italy
- *Major professor* for 8 MSc, 14 PhD and 3 Post Doctoral Fellows

E. RESEARCH GRANTS AND AWARDS

- Continuous support by external research grants since 2004 totaling over \$15M as PI and Co-PI.
- Funding received from USDA, NIH, Bill and Melinda Gates Foundation, USAID and Industry

F. INTEREST AND PUBLICATIONS

Interests: Food and botanical chemistry with emphasis on investigating the impact of the food matrix and processing on stability, bioavailability and metabolism of health promoting phytochemicals (carotenoids, phenolic acids and flavonoids) from foods.

Publication Record: Total of 93 peer reviewed publications, 7 book chapters, one book and >100 abstracts and conference proceeding.

G. ADVISORY BOARDS AND PANELS

- Welch's Nutrition and Health Advisor (2011-Pres)
- Alliance for Potato Research & Education Advisory Board (2011-Pres)
- Scientific Advisor, General Mills Bell Institute of Health and Nutrition (2014-2015)
- International Life Science Institute (ILSI) North America Scientific Advisor (2011-2014)
- Hershey Nutrition & Health Advisory Board (2012)
- General Mills Whole Grain Roundtable (2012)
- International Farming Corporation Scientific Advisory Council (2013-2014)
- Institute of Food Technologist Health and Wellness Advisory Panel (2013)

H. PROFESSIONAL MEMBERSHIP & SERVICE

- *Professional Membership:*
Institute of Food Technologists (IFT)
American Chemical Society (ACS)
American Society for Nutrition (ASN)
- *Leadership Activities*
Chair IFT Hoosier Section (2006-2007)
Co-Chair-IFT Education Advisory Committee (2012)
Chair Dietary Bioactive RIS (2009-2010)
Chair Carotenoid and Vitamin A RIS (2011-2012)
Chair Food Nutrition Solutions Taskforce (A joint committee of ASN, IFT, AND and IFIC)
- *Review Activities*
Nutrition Research (Editorial Board)
Nutrition Today (Editorial Board)
Springer Food Science Text Series (Editorial Board)
USDA-NRI Improving Food Quality Panel (2008)
USDA-National Needs Fellowship Panel (2010)
Fonds National de la Recherche - National Research Funds for Luxembourg (2009)
New Zealand Foundation for Research, Science & Technology (2010)