

Mario G. Ferruzzi, PhD

David H. Murdock Distinguished Professor

North Carolina State University, Plants for Human Health Institute, 600 Laureate Way, Kannapolis, NC 28081

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

- 2001-2003 *Research Scientist, Liquid Beverage*
Nestlé R&D Center, Marysville, OH
- 2003-2004 *Research Scientist, Nutrition & Health*
Nestlé Research Centre, Lausanne, CH
- 2004-2016 *Assistant, Associate and Professor*
Department of Food Science
Department of Nutrition Science
Purdue University, West Lafayette, IN
- 2015-Present *Independent Director, Board of Directors*
Sensient Technologies, Milwaukee, WI
- 2016-2019 *Professor, Food Science and Nutrition*
- 2019-Present *David H. Murdock Distinguished Professor*
Plants for Human Health Institute
North Carolina State Univ, Kannapolis, NC

C. HONORS AND AWARDS

- American Society for Nutrition and IFT Gil Leveille Award and Lectureship (2019)
- American Society for Nutrition General Mills Bell Institute Innovation Award (2018)
- Fellow, Royal Society of Chemistry (2016)
- Purdue University Faculty Scholar (2014-2016)
- 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-Hoosier 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
- Graduate Courses* in Food Lipids, Phytochemicals, Food Product Development
- Organized 8 Study Abroad courses to Italy from 2005-14
- Mentor to 9 visiting scholars from Korea, Thailand, Senegal, Niger, China and Italy
- Major professor* for 9 MSc, 19 PhD and 5 Post-Docs

E. RESEARCH GRANTS AND AWARDS

- Continuous support by external research grants since 2004 totaling over \$18M 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 167 peer reviewed publications, 8 book chapters, 3 books and >400 abstracts and conference proceeding.

[Ferruzzi MG Google Scholar Link](#)

G. SCIENTIFIC ADVISORY ROLLS

- Welch's Nutrition and Health Advisor (2011-2017)
- Hershey Nutrition & Health Advisory Board (2012)
- General Mills Whole Grain Roundtable (2012)
- Institute of Food Technologist Health and Wellness Advisory Panel (2013)
- International Farming Corporation Scientific Advisory Council (2013)
- Alliance for Potato Research & Education Advisory Board (2011-2016)
- Florida Dept of Citrus Science Advisory Committee (2018-Present)
- Scientific Advisor, General Mills Bell Institute of Health and Nutrition (2014-2016)
- Sensient Technologies Scientific Advisory Committee (2014-Present)
- International Life Science Institute North America (ILSI) Scientific Advisor (2011-2014)

H. PROFESSIONAL MEMBERSHIP & SERVICE

- Professional Membership:*
Institute of Food Technologists (IFT)
American Chemical Society (ACS)
American Society for Nutrition (ASN)
Royal Society of Chemistry (RSC)
- 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 (2014, A joint committee of ASN, IFT, AND & IFIC)
Sensient Technologies Board of Directors (2015-Present)
ILSI NA Board of Trustees (2017-2020)
ILSI NA Program Committee Chair (2019-Present)
ILSI NA Executive Committee (2019-Present)
- Select Editorial & Review Activities*
Associate Editor Food & Function (2015-Pres)
Critical Reviews in Food Science and Nutrition (Editorial Advisory Board)
Nutrition Research (Review Board)
Nutrition Today (Editorial Board)
Springer Food Science Text Series (Editorial Board)
USDA-National Needs Fellowship Panel (2010)
USDA-AFRI Function and Efficacy of Nutrients Panel (2014)
NASA SRP Advanced Environmental Health/Advanced Food Technology (2015)