Lunch~N~Learn SEMINAR

NATIONAL C-FAR

THE NATIONAL COALITION FOR FOOD & AGRICULTURAL RESEARCH

Program:

FROM FARM TO CELL

INTEGRATING AGRICULTURE, FOOD AND NUTRITION SCIENCES TO DEVELOP IMPROVED FOOD PRODUCTS DELIVERING NUTRITIONAL QUALITY

July 18, 2014
PROGRAM

Welcome and Introduction

WILL FISHER
NATIONAL C-FAR REPRESENTATIVE

Distinguished Speaker

DR. MARIO FERRUZZI, ASSISTANT PROFESSOR
DEPARTMENTS OF FOOD SCIENCE AND FOODS AND NUTRITION
PURDUE UNIVERSITY

Open Forum

Closing

WILL FISHER

NATIONAL C-FAR IS a nonprofit, nonpartisan, consensus-based and customer-led coalition that brings food, agriculture, nutrition, conservation and natural resource stakeholders together with the food and agriculture research and extension community, serving as a forum and a unified voice in support of sustaining and increasing public investment at the national level in food and agricultural research, extension, and education. For additional information, go to www.ncfar.org; or contact Tom Van Arsdall, Executive Director, at tom@vanarsdall.com.
ABSTRACT
Addressing public health challenges will require the evolution and refinement of a safe and healthful food supply that meets consumer demands for quality, convenience, affordability, and positive nutritional attributes. Achieving this goal will require collaborations across agriculture, food science and nutrition disciplines that traditionally have played divergent roles in the context of food. For example, agronomist and food science disciplines have focused on “farm to fork” aspects of the food supply. This includes research focus on production, post harvest processing as well as the technical and sensory aspects of food. In contrast, nutrition science has focused on metabolic and physiological responses to food and nutrients after consumption, sometimes termed “fork-to-cell”. Development of an improved, health-promoting food supply that address the “farm-to-cell” continuum would create a framework to address evolving public health issues by providing innovative products that translate cutting edge nutrition research into consumer-friendly products. Aligning efforts across agronomy, food science and nutrition disciplines can provide breakthrough research through translation of basic nutritional research into practical, consumer-friendly food-based solutions. This new approach would facilitate development and validation of improved food products that can provide health benefits beyond basic nutrition, promote health and reduce disease risk in the US population.

SPEAKER BIOGRAPHY
Mario G. Ferruzzi, Ph.D., received his B.S. (1996) in Chemistry from Duke University and his M.S. (1998) and Ph.D. (2001) in Food Science and Nutrition from The Ohio State University. He is currently a Professor in the Departments of Food Science and Nutrition Science at Purdue University. Prior to joining Purdue University, Dr. Ferruzzi was a Development Scientist in the Coffee and Tea Beverage Development group at Nestlé Research & Development Center, Marysville, OH (2001-2003) and a Research Scientist the Nutrition & Health and Scientific & Nutritional Support Departments at the Nestlé Research Centre in Lausanne Switzerland (2003-2004). His research interests are in the area of food and botanical chemistry with emphasis on investigating the impact of the food matrix and processing on bioavailability and metabolism of health promoting phytochemicals and micronutrients. Dr. Ferruzzi has served as a scientific advisor to several food manufacturers in the development and assessment of food products including translational nutrition efforts. He is a professional member of the Institute of Food Technologist (IFT); American Society for Nutrition (ASN) and the American Chemical Society (ACS).
SEMINAR SERIES DESCRIPTION

National C-FAR’s Seminar Series regularly presents leading-edge researchers to address pressing issues confronting the public and Congress. National C-FAR and the Seminar Series serve as a resource to policymakers and staff.

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