Conflict of Interest Statements for *Current Developments in Nutrition* Editors

**JACK ODLE, PH.D.**

*Funding:*
- USDA-NIFA-AFRI competitive grants program
- American Society for Nutrition
- North Carolina Pork Council
- Bill and Melinda Gates Foundation
- Cargill Animal Nutrition
- Odle Consulting Services, LLC
- Matatu Inc., LLC

**SARAH BOOTH, PH.D**

*Funding:*
- USDA ARS
- NIH - NIA
- NIH-NIAMS

**EILEEN KENNEDY, D.SC.**

No potential conflicts of interest to report.

**RAFAEL PEREZ-ESCAMILLA, PH.D.**

Dr. Perez-Escamilla is a Deputy Editor of *Current Developments in Nutrition* an C0-Editor-In-Chief of *Maternal & Child Nutrition* (Wiley). He has grants from the following institutions: NIH and Family LarssonRosenquist Foundation (Switzerland) Foundation. He currently has paid consulting assignments with Mondelez International Foundation and SPRING-USAID. He serves in the Board of Directors of the Sackler Institute for Nutrition Science at the New York Academy of Sciences.

**KOLAPO AJUWON, PH.D.**

No potential conflicts of interest to report.

**JANOS ZEMPLENI, PH.D.**

*Funding*

*Active*
- NIH (1P20GM104320-A1).

"Nebraska Center for the Prevention of Obesity Diseases through Dietary Molecules (NPOD)"

PI: Janos Zempleni (3.5 person months calendar). 6/01/2014- 5/31/2019. $7,791,596 direct costs ($3,752,275 F&A). Aims: (1) Establish an Administrative Core and programs to support and enhance NPOD research. (2) Develop a critical mass of faculty through the support of five thematically linked primary research projects, a vigorous mentoring program for Project Leaders, a pilot grant program, a Molecular Biology, Bioinformatics and Biostatistics Core (MB3C) facility, and research to develop new tools in the Core. (3) Increase research capacity through targeted recruitment of researchers in areas key to Center success.
NIFAIUSDA (2015-67017-23181)

"Roles of milk-borne microRNAs in the regulation of gut inflammation." PI: Janos Zempleni (0.5 months calendar). Co-Investigator: Amanda RamerTait (University of Nebraska-Lincoln, Dept. of Food Science and Technology). Aims: (1) Assess the bioavailability of milk-borne microRNAs in humans. (2) Characterize the delivery of milk-borne microRNAs by endothelial cells to immune cells and assess effects on the expression of immune related genes. (3) Assess markers of intestinal inflammation in Mdr1a-i-mice fed a microRNA-defined diet. $362,231 direct costs ($137,582 F&A costs). 11/07/2014 - 11/06/2018.

Gerber Foundation

"Assessment of the role of microRNAs in infant formulas for bone health." PI: Janos Zempleni (1 month summer). Aims: (1) Assess the effects of dietary miR-29b intake on miR-29b status and bone mineralization in infants. (2) Assess the bioavailability of miR-29b in fortified formulas in healthy adults. $310,080 ($31,008 F&A costs). 1/01/2015 - 12/31/2017

NIH & USDA INIFA (1 R01 DK107264/NIFA 2016-67001-25301)

"Molecular signatures of new bioactive compounds in humans: cow's milk microRNAs." PI: Janos Zempleni (0.75 month summer). Co-Investigators: Jiri Adamec (Dept. of Biochemistry, UNL; 0.75 month calendar) and Juan Cui (Dept. of Computer Science and Engineering, UNL; 0.75 month calendar). Aims: (1) Assess direct markers of milk microRNA intake and status in humans. (2) Assess indirect markers of milk microRNA intake and status in humans. (3) Assess functional markers of milk microRNA intake and status in humans. $1,250,000 direct costs ($550,095 F&A costs). 08/01/2016 - 07/31/2021.

ARS W-3002 Regional Research Project.

"Nutrient bioavailability - phytonutrients and beyond." Fifteen investigators from ARS, including J. Zempleni (5% effort = 0.45 person months, academic year). Objective 1: Determine the bioavailability (absorption, distribution, metabolism, elimination) of nutrients and other food components and ascertain the environmental and genetic determinants; Objective 2. Evaluate the bioactivity of nutrients and other food components and elucidate their underlying protective mechanisms. 10/2013 - 9/2018.

ARD Strategic Priorities Funding program (TBD)

"Assessment of novel nutrient signaling pathways." PI: Janos Zempleni (0.5 months calendar). Aims: Discover novel nutrient signaling pathways. $120,000 direct costs (no F&A costs). 01/01/2015 - 12/31/2016 (nocost extension until 12/31/2017).

UNL Nebraska Center for Obesity Prevention through Dietary Molecules' pilot grant program

"Identification of surface protein that mediate the uptake of milk exosomes." $100,000. PI: Jiri Adamec, Co-Is: Janos Zempleni and Juan Cui. Aim 1: Assess the role of glycans in surface
glycoproteins from cow's milk exosomes in the exosome uptake by human PBMC. Aim 2: Identify surface glycoproteins that mediate the uptake of milk exosome by PBMC. 1/1/2015 - 12/31/2016.

UNL Chancellor & Vice Chancellor "Incentive for directing the NPOD P20 Center."

PI: Janos Zempleni. Aim: Unrestricted research funds - no strings attached. $215,000 (no F&A). 07/01/2015-06/30/2020

ARD Strategic Priorities Funding program (Form 10 1936)

"Postdoctoral Associate for NPOD Director." PI: Janos Zempleni (0.4 months calendar, no salary support). Aim: Ease the teaching burden of the NPOD director through providing salary support for a postdoctoral associate. $158,208 direct costs (no F&A costs). 07/01/2016 - 06/30/2019.

Nebraska University, President's Office (number TBD)


Egg Nutrition Center (N/A)

"Egg-borne microRNAs regulate gene networks and contribute toward reproductive success in humans and mice." PI: Janos Zempleni (0.2 months summer). Co-I: Juan Cui (University of Nebraska-Lincoln, Dept. of Computer Science and Engineering). Aims: 1) Characterize gene networks that depend on the dietary intake of egg miRNAs in humans and mice. 2) Assess whether egg miRNAs are important for reproductive success in mice. $75,000 direct costs ($68,182 direct costs and $6,818 F&A costs). 10/12/2016 - 10/11/2017.

Egg Nutrition Center (N/A)

Amendment to the grant titled "Egg-borne microRNAs regulate gene networks and contribute toward reproductive success in humans and mice." Amendment title: "Novel bioactive compounds in eggs promote spatial learning and memory." Aims: 1) Assess whether dietary depletion of egg exosomes causes a loss of spatial learning and memory in C57BL/6 mice without utilizing an aversive stimulus (stress) or food deprivation. 2) Assess whether dietary depletion of egg exosomes causes a loss of spatial learning and memory in C57BL/6 mice with utilizing an aversive stimulus (stress) and food deprivation. $15,903 total costs ($14,457 direct costs and $1,446 F&A costs). 04/01/2017 - 05/31/2017 (tentative dates).

Service contract with the University of Auburn (Dr. Michael Roberts) for preparing exosomedefined rodent diets.

Consulting
2/2017 -- Consultant, Stewart Weltman, Attorney, Spirut Law Firm, Chicago (Alvarez versus Nature's Bounty) 2/2017 -- Scientific Advisory Board, PureTech Health, Boston, MA

ANNA MARIA SIEGA-RIZ, PH.D.
Dr. Siega-Riz is employed by the University of Virginia School of Medicine (80%) and Gillings School of Global Public Health (20%)
RWJ-Healthy Eating Research (PI-Mary Story at Duke) Reviewer of grants ($1200 total in 2016)
NHLBI-Advisory Council –my term did end in Dec 2016
Danone-Will serve as a scientific advisor for their organic business line; start date sometime in 2017.
International Food Information Council (IFIC) Board of Trustee began January 2017. In December I was reimbursed for travel to their annual Board of Trustee meeting (total <$500)

Grant funding:
2013-17-1 (Siega-Riz) 09/27/13-9/26/18

NICHD-DESPR
Diet, Obesity, and Weight Change in Pregnancy

The brain-behavior basis of eating, weight regulation and the development of obesity is a growing area of study, implicating hedonic appetite as an important influence on excess weight gain. The current proposal will study aspects of this phenomenon rigorously, using a multi-method approach, within the critical life-course period of pregnancy and the postpartum period. A total of 478 women without evidence of psychiatric or eating disorders will be recruited in early pregnancy, including 1/3 from each weight status group: normal weight (BMI 18.5-24.9), overweight (BMI 25-29.9) and obese (BMI >=30). Women will be followed throughout pregnancy until 1 year postpartum with protocols that include the collection of blood, stool, urine, and placenta specimens, previous and current medical information, dietary intake and eating behaviors, anthropometrics, and demographic information. Substudies will include: (1) a focus group study examining pregnant women’s perceptions of hedonic eating ‘triggers,’ food cravings/aversions, and food choice and alternatives, and (2) a laboratory-based behavioral experiment using an innovative ‘eating in the absence of hunger’ protocol.

1R01MD011504-01A1 (Engel, Stephanie) 12/1/16-11/30/20

NIH/NIMHD
The bacterial ecology of the vagina forms a barrier to ascending infection, which is thought to underlie a large fraction of preterm deliveries. We propose to interrogate the relationship between vaginal microbiome profiles and preterm, and the predictors of adverse profiles, in the hopes of explaining and ultimately intervening on the long-standing racial disparity in PTB using
date from our diverse cohort of women enrolled in the Pregnancy, Infection and Nutrition (PIN) study. Role: co-investigator

N01-HC-65233 (Cai, Jianwen) 06/1/2013-05/31/20

NIH/NHLBI

Hispanic Community Health Study – Coordinating Center

This contract is to serve as the Coordinating Center for a multi-center epidemiologic study in Hispanic populations to determine the role of acculturation in the prevalence and development of disease, and to identify risk factors playing a protective or harmful role in Hispanics. Role: co-investigator

BRIAN LINDSHIELD, PH.D.
No potential conflicts of interest to report.

LISA NEFF, M.D., M.S.
No potential conflicts of interest to report.

NEIL SHAY, PH.D.
Funding:
National Processed Raspberry Commission
California Table Grape Commission
National Watermelon Promotion Board
Cypress Systems Incorporated