

Experimental Biology 2016 Calendar of Events

Featuring Office of Dietary Supplements (ODS) Staff,
ODS-Supported Researchers, Projects, and Activities



Saturday, April 2, 2016

Award Competition. 36. Graduate Student Research Award Competition

1:00 – 4:00 pm. San Diego Convention Center, Room 29 CD

Chair: C.D. Davis

Sunday, April 3, 2016

ODS Congratulates the 2016 Awardees

AMERICAN SOCIETY FOR NUTRITION (ASN) ANNUAL AWARDS CEREMONY

6:00 pm San Diego Convention Center, Ballroom 20D

Monday, April 4, 2016

Poster 903. Nutritional Epidemiology: Research with Dietary Supplements and Bioactive Compounds.

9:00 am, San Diego Convention Center, Exhibit Halls A-D

1:45 pm D193 (903.1) Monitoring Analytical Ingredient Content in Adult Multivitamin/ Mineral Products for the Dietary Supplement Ingredient Database.

P.A. Gusev, K.W. Andrews, P.T. Dang, F. Han, S. Savarala, P.R. Pehrsson, J.T. Dwyer, J.M. Betz, L.G. Saldanha, R.B. Costello, L.W. Douglass. U.S. Department of Agriculture (USDA), Beltsville; Consultant, Longmont, CO; and ODS, National Institutes of Health (NIH).

Tuesday, April 5, 2016

Symposium 402. Nutritional Status Monitoring in the U.S. Over 45 Years in the National Health and Nutrition Examination Survey (NHANES): Updates and Challenges.

8:00 am, San Diego Convention Center, Room 31ABC

Chairs: N. Ahluwalia and C.J. Boushey

8:35 am Dietary Supplements: Data Collection, Databases, Total Intakes, and Trends in the U.S.

J. Gahche, R. Bailey. National Center for Health Statistics (NCHS), Centers for Disease Control and Prevention (CDC), Hyattsville; ODS, NIH; and Purdue University.

Minisymposium 423. Nutritional Epidemiology: Research with Dietary Supplements and Bioactive Compounds.

10:30 am, San Diego Convention Center, Room 30D

Chairs: N. Ahluwalia and P.M. Coates

11:15 am **423.3 Measurement of Epigallocatechin Gallate (EGCG) and Caffeine Content of 32 Green Tea Dietary Supplements for the Dietary Supplement Ingredient Database.**

K.W. Andrews, P.T. Dang, S. Savarala, P.A. Gusev, F. Han, P.R. Pehrsson, J.M. Harnly, P. Chen, Y. Zhao, J.T. Dwyer, J.M. Betz, L.G. Saldanha, R.B. Costello. USDA, Beltsville; and ODS, NIH.

11:30 am **423.4 Are Chromium Supplements Efficacious for Glycemic Control in Type 2 Diabetes?**

J.T. Dwyer, R.B. Costello, R.L. Bailey, E. Wambogo. ODS, NIH.

11:45 am **423.5 Do Cinnamon Supplements Have a Role in Glycemic Control in Type 2 Diabetes?**

R.B. Costello, J.T. Dwyer, L.G. Saldanha, R.L. Bailey, E. Wambogo. ODS, NIH; and Purdue University.

Minisymposium 416. DBC: Probiotics, Gut Microbiota, and Gut Health.

10:30 am, San Diego Convention Center, Room 29A

10:30 am **416.1 Dietary Small RNA Modulation of Gut Microbiota Composition: In Silico and In Vitro Analyses.**

H. Huang, C.D. Davis, L. Yu, T.T.Y. Wang. USDA, Beltsville; ODS, NIH; and University of Maryland, College Park.

Special Session 434. Research and Partnership Opportunities within the National Nutrition Research Roadmap (ANDP) Forum.

3:00 pm, San Diego Convention Center, Room 28DE

Chairs: N. Hord and R. Ballard

3:00 pm **Overview of the National Nutrition Research Roadmap: Purpose, Research Questions and Identification of Research Gaps.**

R. Ballard. Office of Disease Prevention (ODP), NIH.

3:15 pm **NIH Research Activities Addressing Research Opportunities Relevant to the National Nutrition Research Roadmap.**

P.M. Coates. ODS, NIH.

3:30 pm **USDA Research Activities Addressing Research Opportunities Relevant to the National Nutrition Research Roadmap.**

D.M. Klurfeld. USDA, Beltsville.

3:45 pm **Examples of Interagency Collaborations and Public Partnerships to Advance Nutritional Sciences Research.**

- **NIH—Vitamin D Standardization Program: Progress and New Opportunities.**

C.T. Sempos. ODS, NIH.

- **USDA—Branded Food Products Database for Public Health: Novel Research Resource.**

P.E. Starke-Reed. USDA, Beltsville.

4:05 pm

Discussion.

Poster

I 150. Maternal, Perinatal and Pediatric: Maternal Factors Related to Pregnancy, Lactation and Infant Health.

9:00 am, San Diego Convention Center, Exhibit Halls A-D

12:45 pm

D51 (I 150.18) An Evaluation of Prenatal Prescribed and Non-prescribed Supplement Labels.

L. Saldanha, J. Dwyer, K. Andrews, R. Bailen, J. Betz, R. Costello, A. Ershow, J. Gahche, P. Gusev, F. Han, C. Hardy, S. Saravala, P. Pehrsson. ODS, NIH; USDA, Beltsville; CDC, Hyattsville; and U.S. Food and Drug Administration (FDA), College Park, MD.

Poster

I 159. Medical Nutrition: Interventions for the Treatment and Prevention of Nutrition-Related Diseases.

9:00 am, San Diego Convention Center, Exhibit Halls A-D

12:45 pm

D175 (I 159.3) Nutritional Interventions in Primary Mitochondrial Disorders: Challenges and Barriers to the Use of Dietary Supplements.

L. Rios Avila, K. Camp, D. Krotoski, A.J. Kuszak, P.M. Coates. ODS, NIH; and NICHD, NIH.

Poster

I 170. VitMin: Selenium

9:00 am, San Diego Convention Center, Exhibit Halls A-D

1:45 pm

D297 (I 170.3) Impact of 15kDa Selenoprotein and Dietary Selenium on Initiation and Promotion in Colorectal Carcinogenesis.

P.A. Tsuji, J.A. Canter, B.A. Carlson, D. Margulies, A. Patterson, V.N. Gladyshev, Y. Yu, L. Cao, C.D. Davis, D.L. Hatfield. Towson University, ODS, NIH; and Brigham and Women's Hospital, Harvard Medical School.

1:45 pm

D300 (I 170.6) Potential Role of the 15kDa Selenoprotein in Colorectal Inflammation.

K.M. Peters, B.A. Carlson, K.N. Garrett, J.A. Canter, R. Tobe, H.E. Seifried, Y. Yu, L. Cao, V.N. Gladyshev, C.D. Davis, D.L. Hatfield, P.A. Tsuji. Towson University; ODS, NIH; Ritsumeikan University, Japan; National Cancer Institute (NCI), NIH; and Harvard Medical School.

Poster

I 176. DBC: Dietary Bioactive Components of Medicinal, Functional, and Whole Foods (Including Probiotics and Fermented Foods).

9:00 am, San Diego Convention Center, Exhibit Halls A-D

12:45 pm

D406 (I 176.26) Consumption of Selected Cruciferous Vegetables and Soy Phytochemical Dietary Supplements Can Alter Gut Microbiome Composition.

H. Huang, G.M. Roman Arocho, C.D. Davis, L. Yu, T.T.Y. Wang. USDA, Beltsville; ODS, NIH; University of Maryland, College Park; and University of Puerto Rico, San Juan.

12:45 pm **D394 (1176.14) Lactobacillus rhamnosus and Flavanol-Enriched Cocoa Powder Altered the Immune Response to Infection with the Parasitic Nematode Ascaris suum in a Pig Model.**
S. Jang, S. Lakshman, A. Molokin, J.F. Urban, Jr., C.D. Davis, G. Solano-Aguilar. USDA, Beltsville; and ODS, NIH.

Wednesday, April 6, 2016

Poster **Disease Prevention, Progression and Treatment.**
9:00 am, San Diego Convention Center, Exhibit Halls A-D

10:00 am **(LB277) Dietary Supplement Label Database (DSLDD) Captures Dietary Supplements Used by Cancer Survivors: The Case of Fiber Supplements**
N.J. Emenaker, B.C. Sorkin, J.T. Dwyer, L. M. Rodriguez. NSRG, NCI, NIH; ODS, NIH; GOCRG, NCI, NIH; and Walter Reed National Military Medical Center, Department of Surgery, Bethesda, MD.

 <p>National Institutes of Health Office of Dietary Supplements</p>	<p>ODS provides accurate and up-to-date scientific information about dietary supplements.</p> <p>Visit the ODS website at http://ods.od.nih.gov to sign up for the ODS listserv.</p>
<p>ODS Resources for Researchers:</p> <p>Website: http://ods.od.nih.gov/Research/resourcesforresearchers.sec.aspx</p> <p>The Dietary Supplement Label Database (DSLDD) is a public use database designed to capture label information from virtually all dietary supplement products offered for sale in the United States.</p> <p>Website: http://DSLDD.NLM.NIH.gov/</p> <p>A searchable database of Analytical Methods and Reference Materials for ingredients found in dietary supplements.</p> <p>Website: http://ods.od.nih.gov/Research/AMRMPProgramWebsite.aspx</p>	

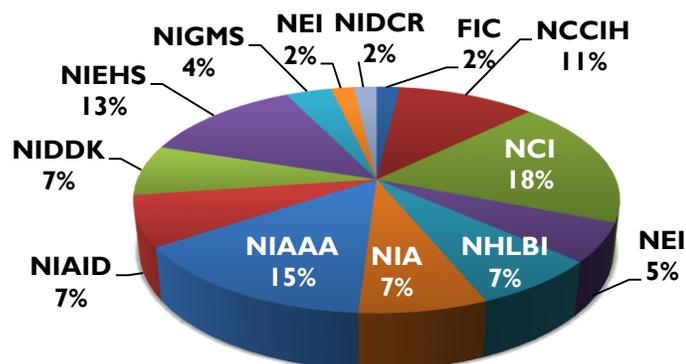
ODS-Initiated Active Grant Funding Opportunity Announcements

1. [PA-15-258: Administrative Supplements for Research on Dietary Supplements](#)

ODS provides funding through competitively awarded Administrative Supplements to certain active NIH research awards to support research in which the supplemental funding would investigate the role of dietary supplements and/or their ingredients in health maintenance and disease prevention. Parent awards need not be focused on dietary supplements; this FOA may provide support to include dietary supplements within the scope of relevant research projects. Research interests of ODS are not limited to specific health conditions, organ systems or population groups. ODS supports all types of research, including pre-clinical, clinical, behavioral, and epidemiological. *Please note: This is a reissuance of PAR-14-201 (76 applications submitted, 26 funded, success rate=36%)*

For additional information: contact Cindy Davis at davisci@mail.nih.gov

Administrative Supplement Applications Received From IC Partners in Response to PAR-14-201



2. [PA-16-048: Administrative Supplements to NIH Awards for Validation Studies of Analytical Methods for Natural Products](#)

The publication of reliable analytical methods for quantitative determination of chemical constituents of the diet and dietary supplement products can make critical contributions to the rigor and reproducibility of nutrition research. ODS provides funding, through competitively awarded Administrative Supplements to certain active NIH research awards, to support formal validation studies and publication of quantitative analytical methods. The methods proposed for validation must be used to identify and quantify chemical constituents (e.g. active compounds or metabolites thereof) in experimental reagents, raw materials, and/or clinical specimens. Candidate constituents for quantitative method validation studies may include (but are not limited to) phytochemicals, nutrients, and potentially deleterious substances such as pesticides and mycotoxins.

For additional information: contact Adam Kuszak at kusakaj@mail.nih.gov