

Experimental Biology 2017 Calendar of Events

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



National Institutes of Health
Office of Dietary Supplements

Saturday, April 22, 2017

Symposium 35. Informing B-24 Dietary Guidelines: Findings from the New Feeding Infants and Toddlers Study 2016

12:30 pm **McCormick Place Convention Center, Rm S100A**

Chairs: J.T. Dwyer and V.A. Stallings

The Usual Nutrient Intakes of Infants, Toddlers and Preschoolers in the USA in 2016.

R.L. Bailey. Purdue Univ, IN

FITS Going Forward

J.T. Dwyer. Tufts Univ, Boston, MA

Poster 48. Emerging Leader Poster Competition

5:00 pm **McCormick Place Convention Center, Hall F Swing Space**

Validity of the Food Insecurity Experience Scale (FIES) for Use in Sub-Saharan Africa (SSA)

E. Wambogo, N.R. Sahyoun, O. SheikOmar, H. Ghattas. UMD, College Park, MD, American Univ of Beirut, Lebanon.

Sunday, April 23, 2017

Posters 646. Dietary Bioactive Components

McCormick Place Convention Center, Hall F

12:45 pm C307 (646.21) Detection of Mature Plant miRNA in Different Biological Matrix: Importance of Internal Standard and Validation of the Method

H. Huang, J. Roh, C.D. Davis, T.Y. Wang. ARS/USDA, Beltsville, MD, ODS/NIH, Bethesda, MD.

C308 (646.22) Targeting Inflammation and Synaptic Plasticity with Bioactive Polyphenol Metabolites Promotes Resilience Against Stress Disorder and Depression

G. Pasinetti. Icahn School of Medicine at Mount Sinai, New York, NY.

C309 (646.23) Role of Gut Microbiota-Derived Polyphenolic Acid in Attenuation of Protein Misfolding In Neurodegeneration

G. Pasinetti, L. Ho, J. Faith, K. Ono. Icahn School of Medicine at Mount Sinai, New York, NY

Posters 647. Research with Dietary Supplements and Bioactive Components

McCormick Place Convention Center, Hall F

12:45 pm C350 (647.1) Dietary Supplement Use in All United States Military Services

J. Knapik, K. Austin, D. Trone, E. Farina, R. Steelman, H. Lieberman. USARIEM/DoD, Natick, MA.

C352 (647.3) Usual Intakes of Flavonoids: Estimates from What We Eat in America, NHANES 2007-2010

R. Sebastian, J. Goldman, C. Wilkinson, A. Moshfegh. ARS/USDA, Beltsville, MD.

C353 (647.4) Amounts and Sources of Iron in Prenatal Supplements in the US Versus Those Tested in Clinical Trials

L.G. Saldanha, J.T. Dwyer, L.L. Brown, K.A. Andrews, P. Gusev, P. Pehrsson. ODS/NIH, Bethesda, MD, ARS/USDA, Beltsville, MD.

C355 (647.6) Caffeine Intake is Associated with Lifestyle Factors and Measures of Perceived Health in US Children: Findings from NHANES 2007-2012

N. Ahluwalia, S. Frenk. NCHS/CDC, Hyattsville, MD.

C357 (647.8) Toddler Dietary Supplements: A Comparison of Product Formulations with Recommended Amounts

L.G. Saldanha, J.T. Dwyer, L.L. Brown, C. Brasseux, A. Ershow, K.A. Andrews, P. Gusev, P. Pehrsson. ODS/NIH, Bethesda, MD, Cornell Univ, NY, ARS/USDA, Beltsville, MD.

C362 (647.13) Dietary Supplement Items on Commonly Used Food Frequency Questionnaires

L. Rios-Avila, J.T. Dwyer, R.B. Costello, N. Potischman. ODS/NIH, Bethesda, MD.

C363 (647.14) Analytically Predicted Estimates for Vitamin D, Vitamin A and Chromium Content in Adult Multivitamin/Mineral Products (MVMs) for the Dietary Supplement Ingredient Database (DSID)

K.W. Andrews, P.A. Gusev, P-T. Dang, S. Savarala, L. Oh, P.R. Pehrsson, J.T. Dwyer, J.M. Betz, R.B. Costello, L.G. Saldanha, L.W. Douglass. ARS/USDA, Beltsville, MD, ODS/NIH, Bethesda, MD, Longmont, CO.

C364 (647.15) Do Single- and Multi-Ingredient Botanical Dietary Supplements Containing Green Tea Pass the United States Pharmacopeia's (USP) Disintegration and Dissolution Requirements?

P.A. Gusev, K.W. Andrews, S. Savarala, P-T. Dang, P.R. Pehrsson, J.T. Dwyer, J.M. Betz, R.B. Costello, L.G. Saldanha, A. Kuszak. ARS/USDA, Beltsville, MD, ODS/NIH, Bethesda, MD.

C365 (647.16) Total Usual Intake of Most Shortfall Nutrients Varies with Poverty Among U.S. Adults

R.L. Bailey, S. Akabas, E. Paxson, S. Saklani, S. Thyppal, K. Tucker. Purdue Univ, IN, Columbia Univ, NY, UMass, Amherst, MA.

Poster

669. Phase I Drug Metabolism

McCormick Place Convention Center, Hall F

12:30 pm

D117 (669.16) In Vitro Assessment of Drug Interaction Potential of Licorice Extracts

A.A. Tonsing-Carter, G. Li, R.B. van Breemen. UIC/NIH Center for Botanical Dietary Supplements Research, UIC, Chicago, IL.

Poster

787. Public Policy

McCormick Place Convention Center, Hall F

12:45 pm

C58 (787.2) NIH Nutrition Research Funding, Fiscal Years 2012 - 2016

K. Regan, R. Fisher. ONR/NIDDK/NIH, Bethesda, MD.

**ODS Congratulates the
2017 Awardees & Fellows**

AMERICAN SOCIETY FOR NUTRITION (ASN) AWARDS CEREMONY

6:00 - 8:00 pm, McCormick Place Convention Center, S100BC

Senior Investigator Awards

David Kritchevsky Career Achievement Award in Nutrition
Connie M. Weaver, Purdue University

E.V. McCollum Award
Kevin D. Hall, NIDDK/NIH

Mary Swartz Rose Senior Investigator Award
Giulio Maria Pasinetti, Icahn School of Medicine at Mount Sinai

Osborne and Mendel Award
J. Thomas Brenna, Cornell University

Other Awards

W.O. Atwater Lectureship
Dennis Bier, Baylor College of Medicine

Class of 2017 Fellows

Raymond F. Burk, Vanderbilt University Medical Center
Roger A. Clemens, University of Southern California
Gerald Combs, Jr., Cornell University
Susan J. Fairweather-Tait, Norwich Medical School, University of East Anglia
Katherine M. Flegal, Centers for Disease Control and Prevention
James O. Hill, University of Colorado Anschutz Medical Campus
Kathryn M. Kolasa, East Carolina University
Christine L. Taylor, Office of Dietary Supplements, NIH
Malcolm Watford, Rutgers University
Steven Zeisel, University of North Carolina at Chapel Hill

Monday, April 24, 2017

Minisymposium 297. Food Security and Its Connections to Nutrition and Health

10:30 am **McCormick Place Convention Center, S102D**

12:15 pm **Validity of the Food Insecurity Experience Scale (FIES) for Use in Sub-Saharan Africa (SSA)**

E. Wambogo, N.R. Sahyoun, O. SheikOmar, H. Ghattas. UMD, College Park, MD, American Univ of Beirut, Lebanon.

Posters 788. Epidemiological Research Addressing Diet and Health Outcomes

McCormick Place Convention Center, Hall F

12:45 pm **C88 (788.26) Sources of Total Dietary Folate in Women of Different Races in the United States: What is the Role of Fortified and Enriched Products?**

R. DeVirgiliis, T. Fakhouri, J. Gahche, K. Herrick, C. Ogden. NCHS/CDC, Hyattsville, MD.

C78 (788.16) Iodine Status and Food Sources of Iodine, by Race and Hispanic Origin, NHANES 2011-2014

K. Herrick, C. Perrine. NCHS/CDC, Hyattsville, MD.

Poster 822. Pharmacokinetics and Pharmacodynamics
McCormick Place Convention Center, Hall F

12:30 pm **D130 (822.9) Hepatic Metabolism of Licochalcone A, a Chalcone from the Licorice Species *Glycyrrhiza inflata***
L. Huang, D. Nikolic, R.B. van Breemen. UIC/NIH Center for Botanical Dietary Supplements Research, UIC, Chicago, IL.

Tuesday, April 25, 2017

Poster 968. Nutrition and Gastrointestinal Health
McCormick Place Convention Center, Hall F

12:45 pm **C316 (968.14) What's in Your Fiber Supplement? Using the Dietary Supplement Label Database (DSLDB) to Evaluate Your Fiber Supplement**
N.J. Emenaker, B.C. Sorkin, J.T. Dwyer, L.G. Saldanha, L.M. Rodriguez. NCI/NIH, ODS/NIH, Bethesda, MD.

Poster 972. Antioxidant and Anti-Inflammatory Effects of Dietary Bioactive Components
McCormick Place Convention Center, Hall F

12:45 pm **C385 (972.22) Comparative Anti-Inflammatory Effect of Moringa-Derived Isothiocyanate Versus Curcumin in vitro and in vivo**
B. Graf, A. Jaja-Chimedza, I. Raskin. Rutgers Univ.

Poster 974. Dietary Bioactive Components of Medicinal, Functional, and Fermented Foods
McCormick Place Convention Center, Hall F

12:45 pm **C424 (974.22) Construction of Comprehensive Flavonoid Analysis Tool by Using UV-vis Spectra Library, In-house Database, and Chemometrics**
M. Zhang, J. Sun, J. Harnly, J. Betz, P. Chen. ARS/USDA, Beltsville, MD, ODS/NIH, Bethesda, MD.

Wednesday, April 26, 2017

Poster LB Drug Metabolism and Disposition
McCormick Place Convention Center, Skyline Ballroom

12:30 pm **LB612 (LB612) Clinical Evaluation of Hop-Drug Interactions Using Probe Substrates of Cytochrome P450 Enzymes and a Hop Dietary Supplement**
L. Chen, A.A. Tonsing-Carter, R.B. van Breemen. UIC/NIH Center for Botanical Dietary Supplements Research, UIC, Chicago, IL.

Visit the ODS website to sign up for the listserv <http://ods.od.nih.gov>

ODS Resources for Researchers:

Website: <http://ods.od.nih.gov/Research/resourcesforresearchers.sec.aspx>

The Dietary Supplement Label Database (**DSLD**) captures label information dietary supplement products offered for sale in the US. It currently contains information from 65,000+ labels.

Website: <https://dslid.nlm.nih.gov/>

A searchable database of Analytical Methods and Reference Materials for ingredients found in dietary supplements.

Website: <http://ods.od.nih.gov/Research/AMRMPProgramWebsite.aspx>

ODS Announcements & Grant Funding Opportunities

1. Strategic Plan 2017-2021: Strengthening Knowledge and Understanding of Dietary Supplements

This document presents a refreshed set of goals, strategies, and activities that ODS plans for the next 5 years. It also provides a review of ODS activities and accomplishments between 2010 and 2016, and includes examples of ODS collaborative projects and programs and summaries of its extramural investments. And, it was shaped by the thoughtful input, comments, and advice we have received from our stakeholder communities throughout the federal government, academia, the dietary supplement industry, consumer advocacy and education groups, and interested consumers.

2. On-going Funding Opportunity: 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: PA-16-319 will be reissued in FY2018. The next due date is October 15, 2017.

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