Distinguished Speaker

Catharine Ross, Ph.D.
Professor & Dorothy Foehr Huck Chair of Nutrition
Member, National Academy of Sciences
Penn State University

Presents

Lipids emulsions in the prevention
of non-alcoholic fatty liver disease

Obesity Research Cluster

Thursday 10/08/2015; 4:00 pm; Human Sciences, Room 111
Contact: Dr. Naima Moustaid-Moussa (naima.moustaid-moussa@ttu.edu)

Dr. Ross is an established expert in lipid metabolism, vitamin A status and immune function. Her most recent work addresses the role of vitamin A in the response to intestinal infection/inflammation using a mouse model of Citrobacter rodentium infection. Her primary area of research is on retinoid homeostasis using molecular approaches, with an emphasis on understanding how nutritional levels of vitamin A and pharmacological doses of retinoic acid modulate retinoid homeostasis. Her lab uses mathematical modeling to better understand retinol trafficking, homeostasis and tissue maturation in the neonatal period, comparing marginal vitamin A deficiency to supplementation with vitamin A. Dr. Ross has had a long standing funding from NIH for her work on retinoids. She is highly committed to graduate education and mentoring and has trained numerous graduate students and postdocs. She is highly committed to training women and minorities and serves on the Advisory Committee for Penn State’s Sloan Scholars program (Sloan University Centers for Exemplary Mentoring, UCEM). She served on several professional organizations and federal advisory boards including the Food Advisory Committee (FDA), the Food and Nutrition Board (IOM), IOM Committee on Evaluation of the Women, Infants and Children (WIC) Food Package. She received distinguished recognitions including NIH Research Career Development Award, and both the Mead-Johnson Award and the Osborne and Mendel Research Award from ASN. In 2003, she was elected to The National Academy of Sciences. She is Fellow of the American Association for the Advancement of Science and Fellow of the American Society for Nutrition.