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Funding for this event has been provided by grant support through the National Institute of General Medical Sciences of the National Institutes of Health under Award Number P20GM104320.

- 8:00 am *Registration and Continental Breakfast—Great Hall*
- 9:00 *Dr. Janos Zemleni—Introductions—Auditorium*
- 9:15 *Dr. Steve Goddard, Vice Chancellor for Research and Economic Development—Welcome*
- 9:30 *Dr. Quan Lu, Harvard University—
“Cholecystokinin (CCK) and Its Receptor CCKAR as Novel Therapeutic Targets for Obesity-associated Asthma”*
- 10:30 *Break—Great Hall*
- 11:00 *Dr. Allison Xu, University of California, San Francisco—
“Hypothalamic regulation of macronutrient intake”*
- 12:00 *Lunch—Great Hall*
- 1:30 pm *Dr. Nancy Webb, University of Kentucky—
“Serum amyloid A in metabolic disease: An acute phase reactant gone rogue?”*
- 2:30 *Poster Session – Great Hall*
- 4:00 *Awards and Concluding Remarks—Great Hall*



**NEBRASKA CENTER FOR THE
PREVENTION OF OBESITY DISEASES**

University of Nebraska-Lincoln
316 Leverton Hall
Phone: 402.472.3862

Meet the Speakers . . .



Dr. Quan Lu
Associate Professor
Molecular and Integrative Physiological Sciences
T.H. Chan School of Public Health
Harvard University
“Cholecystokinin (CCK) and Its Receptor CCKAR as Novel Therapeutic Targets for Obesity-associated Asthma”

Dr. Lu is currently an Associate Professor of Environmental Genetics and Pathophysiology at Harvard University. He received his doctoral degree in molecular biology from Iowa State University and his postdoctoral training in Genetics from Stanford University. Research in Dr. Lu's lab is multi-faceted with a strong interest in asthma and other environmental and lung diseases. Major ongoing projects include: 1) signaling and regulation of G-protein coupled receptors in lung biology and asthma therapy, 2) dysregulation of receptor signaling by environmental metal toxicants, and 3) novel roles of extracellular microvesicles in receptor signaling and cell communication. His research is supported by multiple NIH grants, American Asthma Foundation, Blavatnik Accelerator Fund, and others.



Dr. Allison Xu
Associate Professor
Diabetes Center
University of California San Francisco
“Hypothalamic regulation of macronutrient intake”

Allison W. Xu received her undergraduate degree from Peking University in China and a master degree from the University of Calgary in Canada. She later completed her PhD at University of Texas - M.D. Anderson Cancer Center and conducted her postdoctoral research at Stanford University School of Medicine. Subsequently, Allison started her independent research program in the Diabetes Center at University of California, San Francisco, and she is currently an associate professor. Allison currently holds the title of Joseph and Vera Long Foundation Endowed Professorship in Diabetes and Obesity. Allison's research focuses on understanding how hypothalamic neurons sense and respond to peripheral metabolic signals and how these regulatory circuits regulate food intake, body weight, hepatic lipid and glucose metabolism in normal physiology and obesity.



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Dr. Nancy Webb
Assistant Professor
Pharmacology & Nutritional Sciences
University of Kentucky

“Serum amyloid A in metabolic disease: An acute phase reactant gone rogue?”

Nancy Webb, PhD, is a Professor and Director of Nutritional Sciences in the Department of Pharmacology and Nutritional Sciences at the University of Kentucky College of Medicine. Research in the Webb laboratory focuses on mechanisms of cardiovascular disease, including atherosclerosis and abdominal aortic aneurysms. In particular, she studies the impact of inflammation on lipoprotein metabolism and vascular cell function. She has published more than 75 scientific articles in major biological and biomedical journals and has presented her work at numerous national and international conferences. Dr. Webb has been continuously funded by the NIH since 2001, and in January 2014 received a VA Merit Award to study how HDL function and metabolism is altered in veterans with the Metabolic Syndrome. She has served on NIH Study Section and Special Emphasis Panels, as a member and chair of grant review panels for the American Heart Association (AHA), and is currently a member of the Editorial Boards for the Journal of Lipid Research and the Arteriosclerosis, Thrombosis, and Vascular Biology journal. She has chaired the Women’s Leadership Committee for the AHA Council on Arteriosclerosis, Thrombosis, and Vascular Biology (ATVB) and the AHA Great Rivers Affiliate Research Committee. In 2015 she received a Special Recognition Award for her service to the ATVB council of the AHA. During the past 14 years Dr. Webb has served on the thesis advisory committees of 26 PhD students, 6 as major advisor. She is Director of an NIH Training Program in Multidisciplinary Approaches for Metabolic Disease.

Nebraska Center for the Prevention of Obesity Diseases

Visit our website at: <http://npod.unl.edu> for additional information about our center, center membership, funding opportunities, the fall seminar series, and the Biomedical and Obesity Research Core that provides cutting-edge biomedical research services at no charge for investigators in the University of Nebraska system as well as external researchers.



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