

Spring 2009 Seminar Series

- - - -

Center for Biological Chemistry and Redox Biology Center

Seminars will be held Tuesdays at 4:00 p.m. in Room N172 Beadle Center

DATE	SEMINAR TITLE and SPEAKER/AFFILIATION	HOST
Jan. 27	"Structural and Mechanistic Studies on the Reduction of Cysteine-sulfinic Acid in Peroxiredoxin by Sulfiredoxin" Dr. W. Todd Lowther, Center for Structural Biology-BGTC, Wake Forest University School of Medicine	Vadim Gladyshev
10:00 AM Thursday Jan. 29	"The Algal BioEnergy Alliance: a novel partnership for algal biofuels research" Dr. George A. Oyler, MD PhD, President and CEO, Synaptic Research LLC	Paul Black and Donald Weeks
Feb. 3	"Cigarette Smoke Attenuates Adenosine-Mediated Wound Closure: Role of Reactive Oxygen Species" Dr. Diane S. Allen-Gipson, Pulmonary, Critical Care, Sleep & Allergy Medicine Section, Department of Internal Medicine, University of Nebraska Medical Center	Vadim Gladyshev
Feb. 10	OPEN	
Feb. 17	OPEN	
Feb. 24	"Mechanistic and Biophysical Studies of Hydrolases" Dr. Cynthia M. Dupureur, Department of Chemistry and Biochemistry, University of Missouri-St. Louis	Don Becker
Mar. 3	"The Isochorismate Pyruvate Lyase as a Model for the Origin of Catalytic Power in Enzymatic Pericyclic Reactions" Dr. Audrey Lamb, Department of Molecular Biosciences, University of Kansas	Joe Barycki
Mar. 10	"TBA" Dr. Paul Sorgen, Department of Biochemistry & Molecular Biology, UNMC	Don Becker
Mar. 17	SPRING BREAK – No Seminar	
Mar. 24	"New Subunits of the Rate-limiting Enzyme of Sphingolipid Synthesis Provide New Insights into Hereditary Sensory Neuropathy, HSAN1" Dr. Teresa Dunn, Professor and Chair, Department of Biochemistry and Molecular Biology, Uniformed Services University of the Health Sciences	Julie Stone
Mar. 31	"Kinetic Cooperativity in a Monomeric Enzyme: Allosteric Regulation of Human Glucokinase, a New Target for Diabetes Therapeutics" Dr. Brian Miller, Department of Chemistry and Biochemistry, Florida State University	Joe Barycki
April 7	"Redox Biochemistry and Drug Development for Schistosomiasis" Dr. David Williams, Department of Immunology/Microbiology, Rush University Medical Center	Don Becker
April 14	"Determinants of Parvalbumin Divalent Ion Affinity" Dr. Michael Henzl, Department of Biochemistry, University of Missouri-Columbia	Don Becker
April 21	"TBA" Dr. William E. Walden, University of Illinois at Chicago	Jaekwon Lee
April 28	Annual Alumni Lecture "Kinetics and Proteomics Approaches to Investigate Temporal Aspects of Signaling Events" Dr. Cristina M. Furdul, Department of Internal Medicine, Section on Molecular Medicine, Wake Forest University School of Medicine	Don Becker