



REDOX BIOLOGY CENTER

2016 SYMPOSIUM

REDOX BIOLOGY IN HUMAN HEALTH AND DISEASE

SHELDON ART MUSEUM | UNIVERSITY OF NEBRASKA-LINCOLN

NOVEMBER 8, 2016 | 9 AM – 4:30 PM

- 9:00 AM Registration and Continental Breakfast
- 9:30 AM Welcome and Opening Remarks
- 9:40 AM *Exploiting Reversible Oxidation of Protein Tyrosine Phosphatases for Therapeutic Development*
Nicholas Tonks, PhD, Professor Cold Spring Harbor Laboratory,
CSHL Cancer Center-Signal Transduction
Cold Spring Harbor, New York
- 10:30 AM *Mammalian TRXR1 in Redox Signaling and as a Potential Anticancer Drug Target*
Elias Arnér, MD, PhD, Professor
Biological Chemistry, Karolinska Institutet
Stockholm, Sweden
- 11:20 AM Coffee Break
- 11:40 AM *Redox Metabolism, Bioenergetics and Neurodegeneration Associated with Gene-Environment Interactions*
Rodrigo Franco Cruz, PhD, Associate Professor
Redox Biology Center, School of Veterinary Medicine and Biomedical Sciences
University of Nebraska-Lincoln
- 12:30 PM Lunch
- 1:30 PM *Proteolytic Adjustment of Mitochondrial Functions in Response to Stress*
Oleh Khalimonchuk, PhD, Associate Professor
Redox Biology Center, Department of Biochemistry
University of Nebraska-Lincoln
- 2:20 PM *Iron in: Unusual Regulation of Siderophore Biosynthesis*
Audrey Lamb, PhD, Department of Molecular Biosciences
Kansas University, Lawrence, Kansas
- 3:10 PM Coffee Break
- 3:30 PM *Iron Acquisition by Mycobacterium Tuberculosis*
Michael Niederweis, PhD, Professor
Department of Microbiology, University of Alabama-Birmingham School of Medicine
Birmingham, Alabama
- 4:30 PM Closing Remarks
Donald Becker, RBC Director

