

Oral Presentations (alphabetically by Presenting Author's Last Name)

Presenting Author	Abstract Title	Category	Present Day	Time
Wenxi An	Nitrite Regulates Vascular Smooth Muscle Proliferation Through	Cardiovascular and Pulmonary	Fri, Nov 20	3:30 pm - 4:30 pm
Gowtham Annarapu	Heme induces platelet mtROS production via MyD88-independent	Chemical Biology	Wed, Nov 18	3:30 pm - 4:30 pm
Eugenio Barone	Oxidative stress links brain insulin resistance and mitochondrial	Neurodegenerative Disease	Fri, Nov 20	3:30 pm - 4:30 pm
Jenna Beam	Peroxynitrite induces antibiotic tolerance in Staphylococcus aureus	Inflammation and Immunity	Wed, Nov 18	3:30 pm - 4:30 pm
Brandon Berry	Neuronal AMPK Coordinates Mitochondrial Energy Sensing and	Metabolism/Bioenergetics	Thurs, Nov 19	3:30 pm - 4:30 pm
Andrea Braganza Jardini	Mitofusin 1 Regulates Platelet Function And Is Associated With Age-	Aging	Fri, Nov 20	3:30 pm - 4:30 pm
Luksana Chaiswing	Mitochondrial H2O2 defines redox heterogeneity in radiation	Cancer	Thurs, Nov 19	3:30 pm - 4:30 pm
Carmen Choya-Foces	Unexpected mitochondrial Na⁺ and Ca²⁺ movements control	Metabolism/Bioenergetics	Thurs, Nov 19	3:30 pm - 4:30 pm
Eleonora Cremonini	Effect Of Dietary Anthocyanidins On Mitochondrial Biogenesis,	Metabolism/Bioenergetics	Thurs, Nov 19	3:30 pm - 4:30 pm
Sanjit Dhar	Mitochondrial superoxide targets isocitrate dehydrogenases to	Metabolism/Bioenergetics	Thurs, Nov 19	3:30 pm - 4:30 pm
Pablo Andres Evelson	Urban Air Pollution Induces Oxidative Stress, Inflammation And	Environmental	Thurs, Nov 19	3:30 pm - 4:30 pm
Melissa Fath	Targeting CXCR4 and Thioredoxin reductase in High Grade	Cancer	Thurs, Nov 19	3:30 pm - 4:30 pm
Brian Head	Vitamin E prevents neurodevelopmental defects in zebrafish	Neurodegenerative Disease	Fri, Nov 20	3:30 pm - 4:30 pm
Madeline Hines	Extracellular Protein Radical Formation Increases After Damage to	Aging	Fri, Nov 20	3:30 pm - 4:30 pm
Md Faruq Hossain	Role of electrostatic interactions for the prediction of function and	Chemical Biology	Wed, Nov 18	3:30 pm - 4:30 pm
Gagandeep Kaur	Dysregulated ACE2 and Furin Activity amongst Smokers Increase	Environmental	Thurs, Nov 19	3:30 pm - 4:30 pm
Sophie Maiocchi	Selective delivery of Nrf2 activators for the treatment of	Cardiovascular and Pulmonary	Fri, Nov 20	3:30 pm - 4:30 pm
Maria Monsalve	Metabolic adaptations in spontaneously immortalized PGC-1α knock-	Metabolism/Bioenergetics	Thurs, Nov 19	3:30 pm - 4:30 pm
Cassandra Moshfegh	Redox-Regulated Calprotectin Potentiates Psychological Trauma	Inflammation and Immunity	Wed, Nov 18	3:30 pm - 4:30 pm
Raj Namakkal-Soorappan	Reductive stress - A novel mechanism for diastolic dysfunction	Cardiovascular and Pulmonary	Fri, Nov 20	3:30 pm - 4:30 pm
Kyle Nguyen	Tyrosine nitration supports glioblastoma multiforme cell survival and	Cancer	Thurs, Nov 19	3:30 pm - 4:30 pm
Flavio Palma	Nuclear reactive oxygen species regulate chromatin remodeling and	Cancer	Thurs, Nov 19	3:30 pm - 4:30 pm
Harshul Pandit	Serum extracellular vesicles identified distinct 4-HNE targeted	Aging	Fri, Nov 20	3:30 pm - 4:30 pm
Lizhi Pang	A Paradigm Shift of COX-2 Biology: Iminodibenzyl Suppressed Lung	Cancer	Thurs, Nov 19	3:30 pm - 4:30 pm
Luciana Pescatore	Protein Disulfide Isomerase-A1 Overexpression attenuates Vascular	Cardiovascular and Pulmonary	Fri, Nov 20	3:30 pm - 4:30 pm
Natalie Pollock	Lack Of SOD1 In Neuronal Tissue Affects Neuromuscular Junction	Aging	Fri, Nov 20	3:30 pm - 4:30 pm
Wei-Jun Qian	Deep profiling of the thiol redox proteome and stoichiometric	Chemical Biology	Wed, Nov 18	3:30 pm - 4:30 pm
Rakesh Radhakrishnan	Long non-coding RNA MALAT1 and the antioxidant defense system	Neurodegenerative Disease	Fri, Nov 20	3:30 pm - 4:30 pm
Abinayaa Rajkumar	Transgenic Expression Of Human Nrf2 Evokes Reductive Stress	Cardiovascular and Pulmonary	Fri, Nov 20	3:30 pm - 4:30 pm
Syed Husain Mustafa Rizvi	Glutaredoxin 1 protects Primary Human Aortic Endothelial cells	Chemical Biology	Wed, Nov 18	3:30 pm - 4:30 pm
Drake Russell	METTL7A and METTL7B Catalyze the Methylation of Aliphatic	Chemical Biology	Wed, Nov 18	3:30 pm - 4:30 pm
Vlad Serbulea	Novel therapeutic manipulations of smooth muscle cell metabolism to	Cardiovascular and Pulmonary	Fri, Nov 20	3:30 pm - 4:30 pm
Ritesh Sevalkar	Mycobacterium tuberculosis DosS is a hydrogen sulfide sensor	Cardiovascular and Pulmonary	Fri, Nov 20	3:30 pm - 4:30 pm

Oral Presentations (alphabetically by Presenting Author's Last Name)

Presenting Author	Abstract Title	Category	Present Day	Time
Sarah Short	Colonic Epithelial-Derived Selenoprotein P Provides Antioxidant	Cancer	Thurs, Nov 19	3:30 pm - 4:30 pm
Christina Sul	Re-distribution of superoxide dismutase is protective against acute	Inflammation and Immunity	Wed, Nov 18	3:30 pm - 4:30 pm
Carlos Tairum	Presence of Ser instead of Thr in the Catalytic Triad of Typical 2-Cys	Chemical Biology	Wed, Nov 18	3:30 pm - 4:30 pm
Julia Maria Torres-Velarde	Peroxiredoxin 6 suppresses erastin-induced ferroptosis in lung	Cardiovascular and Pulmonary	Fri, Nov 20	3:30 pm - 4:30 pm
Madia Trujillo	Mitochondrial Peroxiredoxin 3 Glutathionylation: Kinetics and	Chemical Biology	Wed, Nov 18	3:30 pm - 4:30 pm
Cheryl van de Wetering	Glutathione-S-transferase P Promotes HDM-Induced Allergic	Inflammation and Immunity	Wed, Nov 18	3:30 pm - 4:30 pm
Alvaro Viedma	Oxidative and electrophilic stress aggravate GFAP dysfunction in	Neurodegenerative Disease	Fri, Nov 20	3:30 pm - 4:30 pm
Jordyn Wilcox	Manganese Differentially Regulates Dopaminergic Dynamics and	Environmental	Thurs, Nov 19	3:30 pm - 4:30 pm
Hongyang Xu	The effect of skeletal muscle specific mitochondrial catalase	Metabolism/Bioenergetics	Thurs, Nov 19	3:30 pm - 4:30 pm
Scott Yeudall	Acetyl CoA Carboxylase (ACC) is a Central Regulator of the	Inflammation and Immunity	Wed, Nov 18	3:30 pm - 4:30 pm
Natalia Zamorano	Inhibition of the STING-mediated interferon response by novel	Inflammation and Immunity	Wed, Nov 18	3:30 pm - 4:30 pm
Hongqiao Zhang	Inhibiting Bach1 enhanced the activation of Nrf2 signaling and the	Aging	Fri, Nov 20	3:30 pm - 4:30 pm