

Oral Presentations (by Category / Presentation Day)

Presenting Author	Abstract Title	Category	Present Day	Time
Gowtham Annarapu	Heme induces platelet mtROS production via MyD88-independent	Chemical Biology	Wed, Nov 18	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
Wei-Jun Qian	Deep profiling of the thiol redox proteome and stoichiometric	Chemical Biology	Wed, Nov 18	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
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
Madia Trujillo	Mitochondrial Peroxiredoxin 3 Glutathionylation: Kinetics and	Chemical Biology	Wed, Nov 18	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
Cassandra Moshfegh	Redox-Regulated Calprotectin Potentiates Psychological Trauma	Inflammation and Immunity	Wed, Nov 18	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
Cheryl van de Wetering	Glutathione-S-transferase P Promotes HDM-Induced Allergic	Inflammation and Immunity	Wed, Nov 18	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
Luksana Chaiswing	Mitochondrial H2O2 defines redox heterogeneity in radiation	Cancer	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
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
Lizhi Pang	A Paradigm Shift of COX-2 Biology: Iminodibenzyl Suppressed Lung	Cancer	Thurs, Nov 19	3:30 pm - 4:30 pm
Sarah Short	Colonic Epithelial-Derived Selenoprotein P Provides Antioxidant	Cancer	Thurs, Nov 19	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
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
Maria Monsalve	Metabolic adaptations in spontaneously immortalized PGC-1α knock-	Metabolism/Bioenergetics	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
Pablo Andres Evelson	Urban Air Pollution Induces Oxidative Stress, Inflammation And	Environmental	Thurs, Nov 19	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
Jordyn Wilcox	Manganese Differentially Regulates Dopaminergic Dynamics and	Environmental	Thurs, Nov 19	3:30 pm - 4:30 pm
Wenxi An	Nitrite Regulates Vascular Smooth Muscle Proliferation Through	Cardiovascular and Pulmonary	Fri, Nov 20	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
Raj Namakkal-Soorappan	Reductive stress - A novel mechanism for diastolic dysfunction	Cardiovascular and Pulmonary	Fri, Nov 20	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
Abinayaa Rajkumar	Transgenic Expression Of Human Nrf2 Evokes Reductive Stress	Cardiovascular and Pulmonary	Fri, Nov 20	3:30 pm - 4:30 pm

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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
Julia Maria Torres-Velarde	Peroxiredoxin 6 suppresses erastin-induced ferroptosis in lung	Cardiovascular and Pulmonary	Fri, Nov 20	3:30 pm - 4:30 pm
Andrea Braganza Jardim	Mitofusin 1 Regulates Platelet Function And Is Associated With Age-	Aging	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
Harshul Pandit	Serum extracellular vesicles identified distinct 4-HNE targeted	Aging	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
Hongqiao Zhang	Inhibiting Bach1 enhanced the activation of Nrf2 signaling and the	Aging	Fri, Nov 20	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
Brian Head	Vitamin E prevents neurodevelopmental defects in zebrafish	Neurodegenerative Disease	Fri, Nov 20	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
Alvaro Viedma	Oxidative and electrophilic stress aggravate GFAP dysfunction in	Neurodegenerative Disease	Fri, Nov 20	3:30 pm - 4:30 pm