

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

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Yasmin Ahmad	Altitude Variation Aids Rapid Altitude Acclimatization: A Proof-of –	Metabolism/Bioenergetics	Thurs, Nov 19	136
Bumsoo Ahn	Unacylated ghrelin protects against neurogenic atrophy and	Aging	Fri, Nov 20	206
Rogério Aleixo Silva	Specific reduction of a 1-Cys Prx from Pseudomonas aeruginosa by	Chemical Biology	Wed, Nov 18	1
Ahmed Alkhadra	Organ Adaptive Antioxidative Potential of Quercetin: Focus on Heart	Metabolism/Bioenergetics	Thurs, Nov 19	114
Amanda Allender	Off to the races: Investigating translational control of antioxidant	Chemical Biology	Wed, Nov 18	2
John Anetor	Total Mercury, Methylmercury, Selenium and Cobalt Levels in	Environmental	Thurs, Nov 19	146
José A. Arevalo	Mitochondrial Fragmentation and Decreased Oxygen Consumption	Aging	Fri, Nov 20	207
Taide Arista-Ugalde	Antioxidant effect of Sechium edule (Chayote) supplement intake in	Aging	Fri, Nov 20	208
Liana Arnaud	Impact of food contaminants (4-hydroxynonenal and pesticides)	Environmental	Thurs, Nov 19	147
Reto Asmis	Dietary Supplementation with 23-Hydroxy Ursolic Acid Accelerates	Neurodegenerative Disease	Fri, Nov 20	230
Dinesh Babu	Attenuation of clozapine (Clozaril®) toxicity in vitro using edaravone	Neurodegenerative Disease	Fri, Nov 20	231
Ronja Balhorn	Aldosterone-induced phosphorylation of Nrf2 and its subsequent	Chemical Biology	Wed, Nov 18	4
John Bang	Carbon Nanodots (CNDs) as Free Radical Scavengers on Radicalized	Neurodegenerative Disease	Fri, Nov 20	232
Ines Batinic-Haberle	MnTnBuOE-2-PyP5+/ascorbate in the treatment of ovarian cancer	Cancer	Thurs, Nov 19	83
Dayana Benchoam	Acidity and Nucleophilicity of Persulfides	Chemical Biology	Wed, Nov 18	5
Rachel Bentley	Examining Oxygen-Induced Changes In Gene Expression Of Human	Cardiovascular and Pulmonary	Fri, Nov 20	168
Rafael Bento	Metabolic pathway deficiencies are compensated by higher energy	Metabolism/Bioenergetics	Thurs, Nov 19	115
Boshra Bgiran	Corticosterone Upregulates Thioredoxin-Interacting Protein in	Neurodegenerative Disease	Fri, Nov 20	234
Anuradha Bharara Singh	Nitrite regulates cellular calcium uptake through protein kinase A	Cardiovascular and Pulmonary	Fri, Nov 20	169
Khushwant Singh Bhullar	Mitofusion underlines the ability of mitochondrial peptide MOTS-c	Metabolism/Bioenergetics	Thurs, Nov 19	117
Eleonora Binatti	Targeting Macrophages with Astaxanthin-loaded Microparticles: a	Inflammation and Immunity	Wed, Nov 18	57
Sarah Bolton	Modified Cyclodextrins Solubilize Elemental Sulfur in Water and	Chemical Biology	Wed, Nov 18	6
Vanessa Bortoluzzi	Creatine+Pyruvate as an Intervention to Prevent Oxidative Stress in	Metabolism/Bioenergetics	Thurs, Nov 19	118
Mulugu Brahmajothi	A cellular model of Gulf War Illness: Redox regulations in astroglial	Environmental	Thurs, Nov 19	149
Jacob Brown	The lipid hydroperoxide scavenger liproxstatin-1 reduces	Aging	Fri, Nov 20	210
Nicholas Buglak	Cinnamic Aldehyde Inhibits Neointimal Hyperplasia Through Nrf2	Cardiovascular and Pulmonary	Fri, Nov 20	170
D. Allan Butterfield	apoE Isoform and Risk of Alzheimer Disease: Role of Aβ and the	Neurodegenerative Disease	Fri, Nov 20	235
Ana Cartaya	Immune Cell Mediated Delivery of Cinnamic Aldehyde for	Cardiovascular and Pulmonary	Fri, Nov 20	172
Natália Carvalho Guimarães	Inhibition of the mitochondrial pyruvate carrier regulates LPS-	Inflammation and Immunity	Wed, Nov 18	58
Mari Merce Cascant Vilaplana	Monitoring of urinary oxidative stress biomarker levels in newborns	Neurodegenerative Disease	Fri, Nov 20	236
Arpita Chatterjee	Protective role of manganese porphyrin against radiation-induced	Cancer	Thurs, Nov 19	85
Weikai Chen	Melatonin improves resistance to oxidative stress-induced cellular	Aging	Fri, Nov 20	211
Yihan Chen	Structural Characterization and Potential Anti-aging Effect of	Aging	Fri, Nov 20	212

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Orlando Chiarelli-Neto	Photosensitization of melanine by visible light on B16F10 cells and	Cancer	Thurs, Nov 19	86
Yash Choksi	Gpx3 is reduced in Eosinophilic Esophagitis patients and regulates	Inflammation and Immunity	Wed, Nov 18	59
Florencia Claveles Casas	In a mouse modelof acute-distress respiratory syndrome the	Inflammation and Immunity	Wed, Nov 18	60
Diego Coelho	NOS1-Derived Nitric Oxide Regulates NFκB Target Specificity and	Inflammation and Immunity	Wed, Nov 18	61
Elizabeth Corteselli	Generation of Glutaredoxin Mutants that Provide Resistance to	Cardiovascular and Pulmonary	Fri, Nov 20	173
Dana Crawford	Oxidized and degraded mitochondrial polynucleotides are potent	Inflammation and Immunity	Wed, Nov 18	62
Andreas Daiber	The environmental risk factor traffic noise and its redox biomarker	Environmental	Thurs, Nov 19	150
Marina Darenskaya	Prevalence of paraoxonase 1 gene Q192R polymorphism among	Chemical Biology	Wed, Nov 18	10
Marina Darenskaya	Correlation analysis of indicators of lipid peroxidation - antioxidant	Chemical Biology	Wed, Nov 18	11
Marina Darenskaya	Parameters of lipid metabolism and antioxidant status in adolescent-	Metabolism/Bioenergetics	Thurs, Nov 19	121
Marina Darenskaya	Lipid peroxidation-antioxidant defense system functional state in	Cardiovascular and Pulmonary	Fri, Nov 20	174
Marina Darenskaya	Lipid peroxidation products and antioxidant components content in	Inflammation and Immunity	Wed, Nov 18	63
Marina Darenskaya	Assessment of changes in oxidative stress parameters in patients with	Cancer	Thurs, Nov 19	87
Marina Darenskaya	Lipid peroxidation and antioxidant system parameters in carriers of	Chemical Biology	Wed, Nov 18	9
Aranzazu M. de Marañón	Empagliflozin treatment ameliorates the inflammatory profile of type	Cardiovascular and Pulmonary	Fri, Nov 20	171
Aranzazu M. de Marañón	Good glycaemic control reduces carotid-intima-media thickness,	Cardiovascular and Pulmonary	Fri, Nov 20	175
Jeannette Delva-Wiley	The Impact of Redox Modification on the Global Substrate Selection	Chemical Biology	Wed, Nov 18	12
Anthony DeMartino	Efficient reduction of human cytoglobin and neuroglobin by the	Chemical Biology	Wed, Nov 18	13
Ima Dovinova	PPAR Gamma and Nrf2 Activation on Adjustment of Hypertension	Cardiovascular and Pulmonary	Fri, Nov 20	176
Hanan Elajaili	Redox Regulation by Extracellular Superoxide Dismutase (EC-SOD)	Cardiovascular and Pulmonary	Fri, Nov 20	177
Anna Esser	A non-catalytic cysteine residue modulates enzymatic processing of	Chemical Biology	Wed, Nov 18	14
Pablo Andres Evelson	Energy Mismanagement And Mitochondrial Dynamics In Cerebral	Metabolism/Bioenergetics	Thurs, Nov 19	123
James Faraci	Impact of growth conditions on catalase activity and expression in	Chemical Biology	Wed, Nov 18	15
Morgan K Foret	Studying oxidative stress in Aβ-burdened neurons at pre-plaque	Neurodegenerative Disease	Fri, Nov 20	237
Marisa Freitas	Assessment of HOCl production in human blood: experimental	Inflammation and Immunity	Wed, Nov 18	64
Eduardo Fuentes	Chloroacilhydroquinone modulates platelet activity by inhibition of	Chemical Biology	Wed, Nov 18	46
Taiki Fushimi	B-type procyanidins affect on blood flow and NO production through	Cardiovascular and Pulmonary	Fri, Nov 20	178
Erica Gentilin	Redox-active cerium oxide nanoparticles: non-toxic compounds	Chemical Biology	Wed, Nov 18	16
Annie Gilbert	Acid-mediated COS/H2S donors that respond to a specific pH	Chemical Biology	Wed, Nov 18	17
Lili Gong	Inhibition of cGAS-STING alleviates retinal inflammation and	Inflammation and Immunity	Wed, Nov 18	65
Damian Guerra	Smooth muscle: NO country for redox biologists	Metabolism/Bioenergetics	Thurs, Nov 19	124
Guido Haenen	Connecting Eastern and Western Medicine form an Energy	Metabolism/Bioenergetics	Thurs, Nov 19	125
Laquaundra Hampton	Impact of Redox Modification on MAPK Global Substrate Selection	Cancer	Thurs, Nov 19	89

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Kay Hemmings	Exosomal Signaling by Skeletal Muscle: Role in Neuromuscular	Aging	Fri, Nov 20	213
Tzelzin Hernandez	Focused Proteome Analysis of the Antioxidant Defenses and Oxidant	Cancer	Thurs, Nov 19	90
Alexandria Hernandez-Nichols	Redox Signaling in the Endoplasmic Reticulum Regulates Endothelial	Inflammation and Immunity	Wed, Nov 18	66
Wakako Hiraoka	Redox Potential of Single Octarepeat from Prion Protein with	Chemical Biology	Wed, Nov 18	18
Jenni Ho	Extracellular vesicles, potential non-invasive markers of cancer	Cancer	Thurs, Nov 19	91
Dario Iglesias	Protective effects of curcumin on TNFα-induced Caco-2 cell	Inflammation and Immunity	Wed, Nov 18	67
Michael Isei	Temperature rise and copper exposure reduce heart mitochondrial	Environmental	Thurs, Nov 19	152
Zachery Jarrell	E-cigarette flavorant maltol disrupts bronchial antioxidant	Environmental	Thurs, Nov 19	153
Zhenquan Jia	Exposure to Air Pollutant 9, 10-Phenanthrenequinone Induces	Environmental	Thurs, Nov 19	154
Zhenquan Jia	Carbon nanodots reduce Oxidized-LDL- induced inflammation in	Cardiovascular and Pulmonary	Fri, Nov 20	179
Aaron Johnson	Myoglobin Decreases Breast Cancer Cell Migration by Modulating	Cancer	Thurs, Nov 19	92
Arun Jyothidasan	miR-320 is REDOX sensitive and targets antioxidant pathway during	Chemical Biology	Wed, Nov 18	20
Elena Kalinina	Effect of Curcumin on Gene Expression of Trx/TxrR System and	Cancer	Thurs, Nov 19	93
Elena Kalinina	Redoxins and Redox-dependent Changes under Development of	Cancer	Thurs, Nov 19	94
Eric Kelley	Xanthine Oxidase-Induced Vascular Dysfunction in Inhalation	Environmental	Thurs, Nov 19	163
Yeon Kim	Translational regulation of Sod2 occurs during early anchorage	Cancer	Thurs, Nov 19	95
Paige Kluz	Hyperoxia Potentiates Persistent Increases in Thiol Oxidation and	Metabolism/Bioenergetics	Thurs, Nov 19	126
Vitaly Koltover	Nuclear Spin Catalytic Effects as Evidence for Free-Radical	Chemical Biology	Wed, Nov 18	21
Vitaly Koltover	Free-Radical Redox Timer of Aging: The Systems Reliability	Aging	Fri, Nov 20	215
Renu Kowluru	Diabetic retinopathy: Mitochondria trapped in a sugary	Neurodegenerative Disease	Fri, Nov 20	239
Ravi Kumar	Impaired skeletal muscle mitochondrial glutathione transport and	Cardiovascular and Pulmonary	Fri, Nov 20	180
Anjali Kumari	Development of a Time-efficient and Cost-effective Luminescence	Chemical Biology	Wed, Nov 18	22
Kat Kumiscia	Role of 8-oxoG repair in the development of age-related loss of muscle	Inflammation and Immunity	Wed, Nov 18	68
Marin Kuntic	Role of Endothelin Receptor and FOXO-3 Transcription Factor in E-	Cardiovascular and Pulmonary	Fri, Nov 20	181
Jean-Claude Lavoie	Consider optimizing glutathione levels in COVID-19 symptomatic	Inflammation and Immunity	Wed, Nov 18	69
Ji Li	Age-related Sestrin2 maintains mitochondrial functional integrity	Cardiovascular and Pulmonary	Fri, Nov 20	182
Zhengwen Li	The flow of the redox energy in Quercetin during its antioxidant	Chemical Biology	Wed, Nov 18	23
Christopher Horst Lillig	Vertebrate-type thioredoxins coordinate [2Fe2S] clusters and regulate	Chemical Biology	Wed, Nov 18	24
Veronica Lisi	Exercise-induced modulation of extracellular vesicles' cargo: a focus	Chemical Biology	Wed, Nov 18	25
Dan Liu	Anti-tumor Efficacy of Algal Polysaccharide Ulvan on Human	Cancer	Thurs, Nov 19	111
Dan Liu	Roles of Ulva Polysaccharides in Healthy Aging	Aging	Fri, Nov 20	216
Man Liu	Magnesium deficiency causes mitochondrial oxidative stress and	Metabolism/Bioenergetics	Thurs, Nov 19	127
Ziyang Liu	Astaxanthin Supplementation Enhances Metabolic Adaptation with	Aging	Fri, Nov 20	217

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Maria Llanes Cuesta	The role of thioredoxin in neuronal differentiation and survival	Chemical Biology	Wed, Nov 18	26
Avinash Londhe	Characterization of Peptide Activators of Protein Tyrosine	Chemical Biology	Wed, Nov 18	27
Cristofer Martín Lopez	Myeloperoxidase and protein-radicalization are linked to insulin	Inflammation and Immunity	Wed, Nov 18	55
Cristofer Martín Lopez	Trapping DNA-centered radicals prevents genotoxicity: an in vitro	Inflammation and Immunity	Wed, Nov 18	70
Ana Clara López	Permeability of lipid membranes to hydrogen peroxide	Chemical Biology	Wed, Nov 18	28
Caroline M S Marques	Cellular prion protein activates caspase 3 for apoptotic defense	Neurodegenerative Disease	Fri, Nov 20	240
Ryan Mailloux	Protein S-glutathionylation reactions in the regulation of	Metabolism/Bioenergetics	Thurs, Nov 19	128
Mariana Mancini	Beetroot and leaves extracts present potential effects against prostate	Cancer	Thurs, Nov 19	96
Santiago Mansilla	Platelet ROS generation and mitochondrial function are modulated	Metabolism/Bioenergetics	Thurs, Nov 19	129
Zhimin Mao	Hydrogen Sulfide Is an Endogenous Scavenger of Lipid Oxidation	Environmental	Thurs, Nov 19	156
Syed Masood	Live Cell Imaging of Oxidative Stress in Human Airway Epithelial	Environmental	Thurs, Nov 19	157
Clinton-Matthew Mathai	Oxidant-induced DNA Damage in the Vasculature is Inhibited by	Cardiovascular and Pulmonary	Fri, Nov 20	184
Ken-ichiro Matsumoto	Oxygen independent generation of hydrogen peroxide in water	Chemical Biology	Wed, Nov 18	29
Joshua A. McDowell	Adipocytes Protect Prostate Fibroblasts From Radiation-Induced	Cancer	Thurs, Nov 19	97
Victoria Medawar Aguilar	The nitron spin trap DMPO prevents lipopolysaccharide-induced	Inflammation and Immunity	Wed, Nov 18	71
Daniela Melo	Ascorbic acid as an important erythrocyte antioxidant defense in	Chemical Biology	Wed, Nov 18	30
Elena Menshchikova	Activation of Nrf2 fails to protect from ischemia-reperfusion cardiac	Cardiovascular and Pulmonary	Fri, Nov 20	185
Stfanny Wendy Meza Soto	The Golgi redox potential of cells and its response to hypoxic	Chemical Biology	Wed, Nov 18	31
Kacper Mil	Does the valsartan have anti-glycooxidant properties?	Chemical Biology	Wed, Nov 18	32
Caitlin Miller	Adaptation of Redox State in Cancer Cells that Survive Radiation	Cancer	Thurs, Nov 19	98
Alex Milliken	Effect of pH on mitochondrial complex II driven complex I reverse	Metabolism/Bioenergetics	Thurs, Nov 19	130
Tanecia Mitchell	Oxalate suppresses macrophage immunometabolism and anti-	Inflammation and Immunity	Wed, Nov 18	72
Mariia Mollaeva	Influence of MnCITPP/AA catalyst system on antioxidant defense of	Cancer	Thurs, Nov 19	99
Vitória Isabela Montanhero	A Natural Compound As An Inhibitor Of The Peroxidase Activity Of	Metabolism/Bioenergetics	Thurs, Nov 19	132
Bruno Musetti	Cannabis sativa extracts protect LDL from Cu²⁺-mediated oxidation	Chemical Biology	Wed, Nov 18	33
Balint Nagy	Structure of the dihydrolipoamide succinyltransferase (E2)	Chemical Biology	Wed, Nov 18	34
Ikuo Nakanishi	Mechanism of the Scavenging Reaction of a Nitronyl Nitroxide	Chemical Biology	Wed, Nov 18	35
Raj Namakkal-Soorappan	Reductive stress impairs neurogenesis via GSK3β signaling in vitro	Neurodegenerative Disease	Fri, Nov 20	241
Lauren Nassour	miRna Signatures for a human proteotoxic cardiac disease	Cardiovascular and Pulmonary	Fri, Nov 20	187
Turner Newton	Developing Chemical Tools to Study Hydrogen Selenide in a	Chemical Biology	Wed, Nov 18	36
Vy Ngo	Oxidative stress-induced aggregation of Keap1 impairs Nrf2	Cancer	Thurs, Nov 19	101
Long Nguyen	Mechanistic insights on the redox activity and immunogenicity of	Inflammation and Immunity	Wed, Nov 18	74
Minh Nam Nguyen	SLC10A1 Gene As A Potential Biomarkers For Diagnosis And	Cancer	Thurs, Nov 19	102

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Tonancy Nicolás-Méndez	Effect of Resveratrol on SOD, GPx and Catalase Activity and	Chemical Biology	Wed, Nov 18	37
Tyrone Nieves	Loss of protonmotive force activates the mitochondrial unfolded	Metabolism/Bioenergetics	Thurs, Nov 19	133
Marina Nogueira	Effect of long-term consumption of partially oxidized omega-6 fatty	Cardiovascular and Pulmonary	Fri, Nov 20	188
Chukwumaobim Nwokwu	Genetic and Epigenetic Modulation of DNA Repair in Response to	Neurodegenerative Disease	Fri, Nov 20	242
Chidozie Okoye	Modulation Of Mitochondrial Site-Specific Reactive Oxygen Species	Environmental	Thurs, Nov 19	158
John Onukwufor	The neuronal mitochondrial complex I reactive oxygen species	Metabolism/Bioenergetics	Thurs, Nov 19	134
Clara Ortegón Salas	Receptor-induced redox signalling relay – from signal to effector	Neurodegenerative Disease	Fri, Nov 20	243
Ethan Ostrom	Effects of High and Low Intensity Muscle Stimulation on Inducing	Metabolism/Bioenergetics	Thurs, Nov 19	135
Veronica Paviani Sampaio	Human cataracts contain cross-links produced from crystallin-	Aging	Fri, Nov 20	219
Edward Pennington	Monitoring Real Time Changes in Redox Status of Human Airway	Environmental	Thurs, Nov 19	159
Jennifer Pilat	Selenoprotein P (SELENOP) as a WNT Signaling Modulator in	Cancer	Thurs, Nov 19	106
Ana Laura Pires de Oliveira	Yeast Tsa1 as a prototype enzyme for the screening of fungal typical	Metabolism/Bioenergetics	Thurs, Nov 19	137
Peter Proctor	Tempol Treatment of Covid-19	Cardiovascular and Pulmonary	Fri, Nov 20	190
Dario Ramirez	Nrf2 expression/activation determines metabolic risk in obesity	Inflammation and Immunity	Wed, Nov 18	75
Yadira Ramírez Rodríguez	Identification of compounds with vasoactive properties in a pitaya	Chemical Biology	Wed, Nov 18	39
Krithika Rao	Myoglobin regulates cardiomyocyte differentiation and proliferation	Cardiovascular and Pulmonary	Fri, Nov 20	192
Md Harunur Rashid	Metabolism of quetiapine and clozapine via myeloperoxidase (MPO)-	Aging	Fri, Nov 20	221
Austin Read	Critical Role of Electron Leak from Mitochondrial Electron	Cardiovascular and Pulmonary	Fri, Nov 20	193
Kishore Kumar S Narasimhan	Reductive stress promotes protein aggregation in Neuro-2a cells	Neurodegenerative Disease	Fri, Nov 20	245
Anita Salamon	Glutamine metabolism contributes to smooth muscle-to-	Metabolism/Bioenergetics	Thurs, Nov 19	139
Adolf Michael Sandbichler	Comparative redox-active properties of asparagine metabolism in	Metabolism/Bioenergetics	Thurs, Nov 19	140
Valeria Scalcon	Insights into the Redox Activity of Platinum(II) Complexes Bearing a	Cancer	Thurs, Nov 19	107
Caspar Schiffers	Downregulation of DUOX1 contributes to aging-related impairment	Aging	Fri, Nov 20	222
Sarah Schlichte	Chronic In Vivo Administration of MnTnBuOE-2-PyP5+ Does Not	Cardiovascular and Pulmonary	Fri, Nov 20	194
Heidi Schmidt	Xanthine Oxidase has a Protective Role During Heme Crisis by	Cardiovascular and Pulmonary	Fri, Nov 20	195
Nicole Schupp	iPSC differentiating into renal proximal tubular cells are vulnerable	Aging	Fri, Nov 20	223
Natalya V. Semenova	Protein Oxidation in Women with Different Body Mass Index	Metabolism/Bioenergetics	Thurs, Nov 19	141
Natalya V. Semenova	Advanced Oxidation Protein Products in Menopausal Women with	Aging	Fri, Nov 20	224
Aylin Sepici Dincel	Identifying the effect of bone cement (polymethylmethacrylate) in	Environmental	Thurs, Nov 19	160
Harshit Shah	Educing antineoplastic activity of Iminodibenzyl against breast	Cancer	Thurs, Nov 19	108
Soni Shaikh	Targeting human lung cancer cells by CdS nanoparticle: a ROS	Cancer	Thurs, Nov 19	100
Sarah Short	Loss of Glutathione Peroxidase 1 Attenuates Colitis Without	Inflammation and Immunity	Wed, Nov 18	76
Matthew Ryan Smith	Metabolome-Wide Association Study of Electronic Cigarette	Environmental	Thurs, Nov 19	161

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Amanda Smythers	Redox Proteomics Unveils Novel Role of LARP1 Along the	Chemical Biology	Wed, Nov 18	42
Cristina Solana-Manrique	Carbonylated SERCA Pump as a Promising Target in Biomedical	Neurodegenerative Disease	Fri, Nov 20	246
Sergey Soroko	Dynamics of the hydrogen peroxide content in tumor cells transfected	Cancer	Thurs, Nov 19	110
Kalyn Specht	Nox4-derived ROS are essential for skeletal muscle substrate	Metabolism/Bioenergetics	Thurs, Nov 19	142
Caroline Staunton	Transcriptomic analysis of skeletal muscle ageing: focus on	Aging	Fri, Nov 20	225
Jeffrey Stolwijk	Red Blood Cells have Active GPx4: Implications for Blood Storage	Cardiovascular and Pulmonary	Fri, Nov 20	198
Elisa Mieko Suemitsu Higa	Oxidative Stress in the Heart of Rats with Diabetic Nephropathy	Metabolism/Bioenergetics	Thurs, Nov 19	138
Sini Sunny	Changes in the redox transcriptome and structural/functional	Cardiovascular and Pulmonary	Fri, Nov 20	199
Elizabeth Sweeny	Dynamic regulation of NADPH oxidase 5 by heme, nitric oxide, and	Chemical Biology	Wed, Nov 18	43
Andrea Szuchman-Sapir	Paraoxonase1 endocytosis and activity in endothelial cells affects	Cardiovascular and Pulmonary	Fri, Nov 20	200
Mika Tada	Case study of photon emissions from human finger including	Chemical Biology	Wed, Nov 18	44
Vitor Teixeira	Neonatal deficiencies of ascorbate and cysteine program transcription	Metabolism/Bioenergetics	Thurs, Nov 19	143
Vitor Teixeira	Early life deficiencies in ascorbate and cysteine impact the long-term	Cardiovascular and Pulmonary	Fri, Nov 20	201
Leonor Thomson	Leukoreduction of red blood cell concentrates for transfusion	Inflammation and Immunity	Wed, Nov 18	54
Ana Valencia	Aged mice are more susceptible to stress after 1 week of high sugar	Aging	Fri, Nov 20	226
Sebastian Villar Rodriguez	A kinetic and structural assessment of the reduction of human Prx2	Chemical Biology	Wed, Nov 18	48
Dario Vitturi	Kynurenine-derived electrophiles: Potential adaptive mediators in	Chemical Biology	Wed, Nov 18	49
Hitarthi Vyas	Carbon Monoxide Releasing Molecule A1 (CORM A1) Modulates	Cardiovascular and Pulmonary	Fri, Nov 20	203
Xuzhi Wan	Regulatory Mechanisms Underlying the Antioxidant Activities of	Aging	Fri, Nov 20	227
Hui Wang	The Mitochondrial Redistribution of eNOS is involved in	Cardiovascular and Pulmonary	Fri, Nov 20	204
Li Wang	Discovery of L-Ergothioneine as a Potential Therapy for Age-related	Aging	Fri, Nov 20	228
Li Wang	D609 Protects Corneal Epithelial from Oxidative Stress-mediated	Chemical Biology	Wed, Nov 18	50
Xin Wang	In vivo Near Infrared Fluorescence Imaging of Mitochondrial Cys in	Chemical Biology	Wed, Nov 18	51
Jake Wen	PARP-1 inhibitor abolishes the heart dysfunction in burn injury rats	Cardiovascular and Pulmonary	Fri, Nov 20	205
Desheng Wu	Structural Characterization and Hypoglycemic Effect of Green Alga	Metabolism/Bioenergetics	Thurs, Nov 19	144
Jianbo Xiao	Unstable products of myricetin in DMEM	Chemical Biology	Wed, Nov 18	7
Jianbo Xiao	Flavonols with a catechol or pyrogallol substitution pattern on ring B	Chemical Biology	Wed, Nov 18	8
Xiawen Yang	Regulation of Antibody Activity by Pro- and Anti-oxidants via	Inflammation and Immunity	Wed, Nov 18	80
Fujii Yasuyuki	Elucidation of the interaction between flavan-3-ols and protein in	Neurodegenerative Disease	Fri, Nov 20	248
Ran You	2-[(7-nitrobenzo[c][1,2,5]oxadiazol-4-yl)thio]pyridine 1-oxide	Environmental	Thurs, Nov 19	164
Tao Zeng	Spermidine alleviated LPS-initiated inflammation by activating Nrf2	Environmental	Thurs, Nov 19	165
Tao Zeng	Diallyl disulfide (DADS) attenuated LPS-induced proinflammatory	Environmental	Thurs, Nov 19	166
Tania Zenteno-Savín	Validation of Nobuto filter paper for the quantification of health	Environmental	Thurs, Nov 19	148

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Tania Zenteno-Savín	Oxidative stress indicators in leukocytes from humans and bottlenose	Inflammation and Immunity	Wed, Nov 18	78
Jie Zhang	Vitamin E Deficiency Dysregulates Amino Acids And Methyl Donor	Chemical Biology	Wed, Nov 18	52
Ming Zhang	The chemical reactivity of (-)-epicatechin quinone is secluded in its B-	Chemical Biology	Wed, Nov 18	53
Yuxiang Zhu	The central role of NADPH depletion in MnTE-2-PyP-induced	Cancer	Thurs, Nov 19	112
Ester Zito	The ER stress response mediator ERO1 triggers cancer metastasis by	Cancer	Thurs, Nov 19	113