

**Poster Presentations** (by Category / Presentation Day)

<b>Presenting Author</b>	<b>Abstract Title</b>	<b>Category</b>	<b>Poster Session</b>	<b>Poster No.</b>
Rogério Aleixo Silva	<b>Specific reduction of a 1-Cys Prx from Pseudomonas aeruginosa by</b>	Chemical Biology	Wed, Nov 18	<b>1</b>
Amanda Allender	<b>Off to the races: Investigating translational control of antioxidant</b>	Chemical Biology	Wed, Nov 18	<b>2</b>
Ronja Balhorn	<b>Aldosterone-induced phosphorylation of Nrf2 and its subsequent</b>	Chemical Biology	Wed, Nov 18	<b>4</b>
Dayana Benchoam	<b>Acidity and Nucleophilicity of Persulfides</b>	Chemical Biology	Wed, Nov 18	<b>5</b>
Sarah Bolton	<b>Modified Cyclodextrins Solubilize Elemental Sulfur in Water and</b>	Chemical Biology	Wed, Nov 18	<b>6</b>
Jianbo Xiao	<b>Unstable products of myricetin in DMEM</b>	Chemical Biology	Wed, Nov 18	<b>7</b>
Jianbo Xiao	<b>Flavonols with a catechol or pyrogallol substitution pattern on ring B</b>	Chemical Biology	Wed, Nov 18	<b>8</b>
Marina Darenskaya	<b>Lipid peroxidation and antioxidant system parameters in carriers of</b>	Chemical Biology	Wed, Nov 18	<b>9</b>
Marina Darenskaya	<b>Prevalence of paraoxonase 1 gene Q192R polymorphism among</b>	Chemical Biology	Wed, Nov 18	<b>10</b>
Marina Darenskaya	<b>Correlation analysis of indicators of lipid peroxidation - antioxidant</b>	Chemical Biology	Wed, Nov 18	<b>11</b>
Jeannette Delva-Wiley	<b>The Impact of Redox Modification on the Global Substrate Selection</b>	Chemical Biology	Wed, Nov 18	<b>12</b>
Anthony DeMartino	<b>Efficient reduction of human cytoglobin and neuroglobin by the</b>	Chemical Biology	Wed, Nov 18	<b>13</b>
Anna Esser	<b>A non-catalytic cysteine residue modulates enzymatic processing of</b>	Chemical Biology	Wed, Nov 18	<b>14</b>
James Faraci	<b>Impact of growth conditions on catalase activity and expression in</b>	Chemical Biology	Wed, Nov 18	<b>15</b>
Erica Gentilin	<b>Redox-active cerium oxide nanoparticles: non-toxic compounds</b>	Chemical Biology	Wed, Nov 18	<b>16</b>
Annie Gilbert	<b>Acid-mediated COS/H<sub>2</sub>S donors that respond to a specific pH</b>	Chemical Biology	Wed, Nov 18	<b>17</b>
Wakako Hiraoka	<b>Redox Potential of Single Octarepeat from Prion Protein with</b>	Chemical Biology	Wed, Nov 18	<b>18</b>
Arun Jyothidasan	<b>miR-320 is REDOX sensitive and targets antioxidant pathway during</b>	Chemical Biology	Wed, Nov 18	<b>20</b>
Vitaly Koltover	<b>Nuclear Spin Catalytic Effects as Evidence for Free-Radical</b>	Chemical Biology	Wed, Nov 18	<b>21</b>
Anjali Kumari	<b>Development of a Time-efficient and Cost-effective Luminescence</b>	Chemical Biology	Wed, Nov 18	<b>22</b>
Zhengwen Li	<b>The flow of the redox energy in Quercetin during its antioxidant</b>	Chemical Biology	Wed, Nov 18	<b>23</b>
Christopher Horst Lillig	<b>Vertebrate-type thioredoxins coordinate [2Fe2S] clusters and regulate</b>	Chemical Biology	Wed, Nov 18	<b>24</b>
Veronica Lisi	<b>Exercise-induced modulation of extracellular vesicles' cargo: a focus</b>	Chemical Biology	Wed, Nov 18	<b>25</b>
Maria Llanes Cuesta	<b>The role of thioredoxin in neuronal differentiation and survival</b>	Chemical Biology	Wed, Nov 18	<b>26</b>
Avinash Londhe	<b>Characterization of Peptide Activators of Protein Tyrosine</b>	Chemical Biology	Wed, Nov 18	<b>27</b>
Ana Clara López	<b>Permeability of lipid membranes to hydrogen peroxide</b>	Chemical Biology	Wed, Nov 18	<b>28</b>
Ken-ichiro Matsumoto	<b>Oxygen independent generation of hydrogen peroxide in water</b>	Chemical Biology	Wed, Nov 18	<b>29</b>
Daniela Melo	<b>Ascorbic acid as an important erythrocyte antioxidant defense in</b>	Chemical Biology	Wed, Nov 18	<b>30</b>
Stfanny Wendy Meza Soto	<b>The Golgi redox potential of cells and its response to hypoxic</b>	Chemical Biology	Wed, Nov 18	<b>31</b>
Kacper Mil	<b>Does the valsartan have anti-glycooxidant properties?</b>	Chemical Biology	Wed, Nov 18	<b>32</b>
Bruno Musetti	<b>Cannabis sativa extracts protect LDL from Cu<sup>2+</sup>-mediated oxidation</b>	Chemical Biology	Wed, Nov 18	<b>33</b>
Balint Nagy	<b>Structure of the dihydrolipoamide succinyltransferase (E2)</b>	Chemical Biology	Wed, Nov 18	<b>34</b>
Ikuo Nakanishi	<b>Mechanism of the Scavenging Reaction of a Nitronyl Nitroxide</b>	Chemical Biology	Wed, Nov 18	<b>35</b>

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Turner Newton	<b>Developing Chemical Tools to Study Hydrogen Selenide in a</b>	Chemical Biology	Wed, Nov 18	<b>36</b>
Tonancy Nicolás-Méndez	<b>Effect of Resveratrol on SOD, GPx and Catalase Activity and</b>	Chemical Biology	Wed, Nov 18	<b>37</b>
Yadira Ramírez Rodríguez	<b>Identification of compounds with vasoactive properties in a pitaya</b>	Chemical Biology	Wed, Nov 18	<b>39</b>
Amanda Smythers	<b>Redox Proteomics Unveils Novel Role of LARP1 Along the</b>	Chemical Biology	Wed, Nov 18	<b>42</b>
Elizabeth Sweeny	<b>Dynamic regulation of NADPH oxidase 5 by heme, nitric oxide, and</b>	Chemical Biology	Wed, Nov 18	<b>43</b>
Mika Tada	<b>Case study of photon emissions from human finger including</b>	Chemical Biology	Wed, Nov 18	<b>44</b>
Eduardo Fuentes	<b>Chloroacilhydroquinone modulates platelet activity by inhibition of</b>	Chemical Biology	Wed, Nov 18	<b>46</b>
Sebastian Villar Rodriguez	<b>A kinetic and structural assessment of the reduction of human Prx2</b>	Chemical Biology	Wed, Nov 18	<b>48</b>
Dario Vitturi	<b>Kynurenine-derived electrophiles: Potential adaptive mediators in</b>	Chemical Biology	Wed, Nov 18	<b>49</b>
Li Wang	<b>D609 Protects Corneal Epithelial from Oxidative Stress-mediated</b>	Chemical Biology	Wed, Nov 18	<b>50</b>
Xin Wang	<b>In vivo Near Infrared Fluorescence Imaging of Mitochondrial Cys in</b>	Chemical Biology	Wed, Nov 18	<b>51</b>
Jie Zhang	<b>Vitamin E Deficiency Dysregulates Amino Acids And Methyl Donor</b>	Chemical Biology	Wed, Nov 18	<b>52</b>
Ming Zhang	<b>The chemical reactivity of (-)-epicatechin quinone is secluded in its B-</b>	Chemical Biology	Wed, Nov 18	<b>53</b>
Leonor Thomson	<b>Leukoreduction of red blood cell concentrates for transfusion</b>	Inflammation and Immunity	Wed, Nov 18	<b>54</b>
Cristofer Martín Lopez	<b>Myeloperoxidase and protein-radicalization are linked to insulin</b>	Inflammation and Immunity	Wed, Nov 18	<b>55</b>
Eleonora Binatti	<b>Targeting Macrophages with Astaxanthin-loaded Microparticles: a</b>	Inflammation and Immunity	Wed, Nov 18	<b>57</b>
Natália Carvalho Guimarães	<b>Inhibition of the mitochondrial pyruvate carrier regulates LPS-</b>	Inflammation and Immunity	Wed, Nov 18	<b>58</b>
Yash Choksi	<b>Gpx3 is reduced in Eosinophilic Esophagitis patients and regulates</b>	Inflammation and Immunity	Wed, Nov 18	<b>59</b>
Florencia Claveles Casas	<b>In a mouse modelof acute-distress respiratory syndrome the</b>	Inflammation and Immunity	Wed, Nov 18	<b>60</b>
Diego Coelho	<b>NOS1-Derived Nitric Oxide Regulates NFκB Target Specificity and</b>	Inflammation and Immunity	Wed, Nov 18	<b>61</b>
Dana Crawford	<b>Oxidized and degraded mitochondrial polynucleotides are potent</b>	Inflammation and Immunity	Wed, Nov 18	<b>62</b>
Marina Darenskaya	<b>Lipid peroxidation products and antioxidant components content in</b>	Inflammation and Immunity	Wed, Nov 18	<b>63</b>
Marisa Freitas	<b>Assessment of HOCl production in human blood: experimental</b>	Inflammation and Immunity	Wed, Nov 18	<b>64</b>
Lili Gong	<b>Inhibition of cGAS-STING alleviates retinal inflammation and</b>	Inflammation and Immunity	Wed, Nov 18	<b>65</b>
Alexandria Hernandez-Nichols	<b>Redox Signaling in the Endoplasmic Reticulum Regulates Endothelial</b>	Inflammation and Immunity	Wed, Nov 18	<b>66</b>
Dario Iglesias	<b>Protective effects of curcumin on TNFα-induced Caco-2 cell</b>	Inflammation and Immunity	Wed, Nov 18	<b>67</b>
Kat Kumiscia	<b>Role of 8-oxoG repair in the development of age-related loss of muscle</b>	Inflammation and Immunity	Wed, Nov 18	<b>68</b>
Jean-Claude Lavoie	<b>Consider optimizing glutathione levels in COVID-19 symptomatic</b>	Inflammation and Immunity	Wed, Nov 18	<b>69</b>
Cristofer Martín Lopez	<b>Trapping DNA-centered radicals prevents genotoxicity: an in vitro</b>	Inflammation and Immunity	Wed, Nov 18	<b>70</b>
Victoria Medawar Aguilar	<b>The nitrone spin trap DMPO prevents lipopolysaccharide-induced</b>	Inflammation and Immunity	Wed, Nov 18	<b>71</b>
Tanecia Mitchell	<b>Oxalate suppresses macrophage immunometabolism and anti-</b>	Inflammation and Immunity	Wed, Nov 18	<b>72</b>
Long Nguyen	<b>Mechanistic insights on the redox activity and immunogenicity of</b>	Inflammation and Immunity	Wed, Nov 18	<b>74</b>
Dario Ramirez	<b>Nrf2 expression/activation determines metabolic risk in obesity</b>	Inflammation and Immunity	Wed, Nov 18	<b>75</b>

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<b>Presenting Author</b>	<b>Abstract Title</b>	<b>Category</b>	<b>Poster Session</b>	<b>Poster No.</b>
Sarah Short	<b>Loss of Glutathione Peroxidase 1 Attenuates Colitis Without</b>	Inflammation and Immunity	Wed, Nov 18	<b>76</b>
Tania Zenteno-Savin	<b>Oxidative stress indicators in leukocytes from humans and bottlenose</b>	Inflammation and Immunity	Wed, Nov 18	<b>78</b>
Xiawen Yang	<b>Regulation of Antibody Activity by Pro- and Anti-oxidants via</b>	Inflammation and Immunity	Wed, Nov 18	<b>80</b>
Ines Batinic-Haberle	<b>MnTnBuOE-2-PyP5+/ascorbate in the treatment of ovarian cancer</b>	Cancer	Thurs, Nov 19	<b>83</b>
Arpita Chatterjee	<b>Protective role of manganese porphyrin against radiation-induced</b>	Cancer	Thurs, Nov 19	<b>85</b>
Orlando Chiarelli-Neto	<b>Photosensitization of melanine by visible light on B16F10 cells and</b>	Cancer	Thurs, Nov 19	<b>86</b>
Marina Darenskaya	<b>Assessment of changes in oxidative stress parameters in patients with</b>	Cancer	Thurs, Nov 19	<b>87</b>
Laquaundra Hampton	<b>Impact of Redox Modification on MAPK Global Substrate Selection</b>	Cancer	Thurs, Nov 19	<b>89</b>
Tzelzin Hernandez	<b>Focused Proteome Analysis of the Antioxidant Defenses and Oxidant</b>	Cancer	Thurs, Nov 19	<b>90</b>
Jenni Ho	<b>Extracellular vesicles, potential non-invasive markers of cancer</b>	Cancer	Thurs, Nov 19	<b>91</b>
Aaron Johnson	<b>Myoglobin Decreases Breast Cancer Cell Migration by Modulating</b>	Cancer	Thurs, Nov 19	<b>92</b>
Elena Kalinina	<b>Effect of Curcumin on Gene Expression of Trx/TxrR System and</b>	Cancer	Thurs, Nov 19	<b>93</b>
Elena Kalinina	<b>Redoxins and Redox-dependent Changes under Development of</b>	Cancer	Thurs, Nov 19	<b>94</b>
Yeon Kim	<b>Translational regulation of Sod2 occurs during early anchorage</b>	Cancer	Thurs, Nov 19	<b>95</b>
Mariana Mancini	<b>Beetroot and leaves extracts present potential effects against prostate</b>	Cancer	Thurs, Nov 19	<b>96</b>
Joshua A. McDowell	<b>Adipocytes Protect Prostate Fibroblasts From Radiation-Induced</b>	Cancer	Thurs, Nov 19	<b>97</b>
Caitlin Miller	<b>Adaptation of Redox State in Cancer Cells that Survive Radiation</b>	Cancer	Thurs, Nov 19	<b>98</b>
Mariia Mollaeva	<b>Influence of MnCITPP/AA catalyst system on antioxidant defense of</b>	Cancer	Thurs, Nov 19	<b>99</b>
Soni Shaikh	<b>Targeting human lung cancer cells by CdS nanoparticle: a ROS</b>	Cancer	Thurs, Nov 19	<b>100</b>
Vy Ngo	<b>Oxidative stress-induced aggregation of Keap1 impairs Nrf2</b>	Cancer	Thurs, Nov 19	<b>101</b>
Minh Nam Nguyen	<b>SLC10A1 Gene As A Potential Biomarkers For Diagnosis And</b>	Cancer	Thurs, Nov 19	<b>102</b>
Jennifer Pilat	<b>Selenoprotein P (SELENOP) as a WNT Signaling Modulator in</b>	Cancer	Thurs, Nov 19	<b>106</b>
Valeria Scalcon	<b>Insights into the Redox Activity of Platinum(II) Complexes Bearing a</b>	Cancer	Thurs, Nov 19	<b>107</b>
Harshit Shah	<b>Educing antineoplastic activity of Iminodibenzyl against breast</b>	Cancer	Thurs, Nov 19	<b>108</b>
Sergey Soroko	<b>Dynamics of the hydrogen peroxide content in tumor cells transfected</b>	Cancer	Thurs, Nov 19	<b>110</b>
Dan Liu	<b>Anti-tumor Efficacy of Algal Polysaccharide Ulvan on Human</b>	Cancer	Thurs, Nov 19	<b>111</b>
Yuxiang Zhu	<b>The central role of NADPH depletion in MnTE-2-PyP-induced</b>	Cancer	Thurs, Nov 19	<b>112</b>
Ester Zito	<b>The ER stress response mediator ERO1 triggers cancer metastasis by</b>	Cancer	Thurs, Nov 19	<b>113</b>
Ahmed Alkhadra	<b>Organ Adaptive Antioxidative Potential of Quercetin: Focus on Heart</b>	Metabolism/Bioenergetics	Thurs, Nov 19	<b>114</b>
Rafael Bento	<b>Metabolic pathway deficiencies are compensated by higher energy</b>	Metabolism/Bioenergetics	Thurs, Nov 19	<b>115</b>
Khushwant Singh Bhullar	<b>Mitofusion underlines the ability of mitochondrial peptide MOTS-c</b>	Metabolism/Bioenergetics	Thurs, Nov 19	<b>117</b>
Vanessa Bortoluzzi	<b>Creatine+Pyruvate as an Intervention to Prevent Oxidative Stress in</b>	Metabolism/Bioenergetics	Thurs, Nov 19	<b>118</b>
Marina Darenskaya	<b>Parameters of lipid metabolism and antioxidant status in adolescent-</b>	Metabolism/Bioenergetics	Thurs, Nov 19	<b>121</b>

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<b>Presenting Author</b>	<b>Abstract Title</b>	<b>Category</b>	<b>Poster Session</b>	<b>Poster No.</b>
Pablo Andres Evelson	<b>Energy Mismanagement And Mitochondrial Dynamics In Cerebral</b>	Metabolism/Bioenergetics	Thurs, Nov 19	<b>123</b>
Damian Guerra	<b>Smooth muscle: NO country for redox biologists</b>	Metabolism/Bioenergetics	Thurs, Nov 19	<b>124</b>
Guido Haenen	<b>Connecting Eastern and Western Medicine form an Energy</b>	Metabolism/Bioenergetics	Thurs, Nov 19	<b>125</b>
Paige Kluz	<b>Hyperoxia Potentiates Persistent Increases in Thiol Oxidation and</b>	Metabolism/Bioenergetics	Thurs, Nov 19	<b>126</b>
Man Liu	<b>Magnesium deficiency causes mitochondrial oxidative stress and</b>	Metabolism/Bioenergetics	Thurs, Nov 19	<b>127</b>
Ryan Mailloux	<b>Protein S-glutathionylation reactions in the regulation of</b>	Metabolism/Bioenergetics	Thurs, Nov 19	<b>128</b>
Santiago Mansilla	<b>Platelet ROS generation and mitochondrial function are modulated</b>	Metabolism/Bioenergetics	Thurs, Nov 19	<b>129</b>
Alex Milliken	<b>Effect of pH on mitochondrial complex II driven complex I reverse</b>	Metabolism/Bioenergetics	Thurs, Nov 19	<b>130</b>
Vitória Isabela Montanhero	<b>A Natural Compound As An Inhibitor Of The Peroxidase Activity Of</b>	Metabolism/Bioenergetics	Thurs, Nov 19	<b>132</b>
Tyrone Nieves	<b>Loss of protonmotive force activates the mitochondrial unfolded</b>	Metabolism/Bioenergetics	Thurs, Nov 19	<b>133</b>
John Onukwufor	<b>The neuronal mitochondrial complex I reactive oxygen species</b>	Metabolism/Bioenergetics	Thurs, Nov 19	<b>134</b>
Ethan Ostrom	<b>Effects of High and Low Intensity Muscle Stimulation on Inducing</b>	Metabolism/Bioenergetics	Thurs, Nov 19	<b>135</b>
Yasmin Ahmad	<b>Altitude Variation Aids Rapid Altitude Acclimatization: A Proof-of –</b>	Metabolism/Bioenergetics	Thurs, Nov 19	<b>136</b>
Ana Laura Pires de Oliveira	<b>Yeast Tsa1 as a prototype enzyme for the screening of fungal typical</b>	Metabolism/Bioenergetics	Thurs, Nov 19	<b>137</b>
Elisa Mieko Suemitsu Higa	<b>Oxidative Stress in the Heart of Rats with Diabetic Nephropathy</b>	Metabolism/Bioenergetics	Thurs, Nov 19	<b>138</b>
Anita Salamon	<b>Glutamine metabolism contributes to smooth muscle-to-</b>	Metabolism/Bioenergetics	Thurs, Nov 19	<b>139</b>
Adolf Michael Sandbichler	<b>Comparative redox-active properties of asparagine metabolism in</b>	Metabolism/Bioenergetics	Thurs, Nov 19	<b>140</b>
Natalya V. Semenova	<b>Protein Oxidation in Women with Different Body Mass Index</b>	Metabolism/Bioenergetics	Thurs, Nov 19	<b>141</b>
Kalyn Specht	<b>Nox4-derived ROS are essential for skeletal muscle substrate</b>	Metabolism/Bioenergetics	Thurs, Nov 19	<b>142</b>
Vitor Teixeira	<b>Neonatal deficiencies of ascorbate and cysteine program transcription</b>	Metabolism/Bioenergetics	Thurs, Nov 19	<b>143</b>
Desheng Wu	<b>Structural Characterization and Hypoglycemic Effect of Green Alga</b>	Metabolism/Bioenergetics	Thurs, Nov 19	<b>144</b>
John Anetor	<b>Total Mercury, Methylmercury, Selenium and Cobalt Levels in</b>	Environmental	Thurs, Nov 19	<b>146</b>
Liana Arnaud	<b>Impact of food contaminants (4-hydroxynonenal and pesticides)</b>	Environmental	Thurs, Nov 19	<b>147</b>
Tania Zenteno-Savín	<b>Validation of Nobuto filter paper for the quantification of health</b>	Environmental	Thurs, Nov 19	<b>148</b>
Mulugu Brahmajothi	<b>A cellular model of Gulf War Illness: Redox regulations in astroglial</b>	Environmental	Thurs, Nov 19	<b>149</b>
Andreas Daiber	<b>The environmental risk factor traffic noise and its redox biomarker</b>	Environmental	Thurs, Nov 19	<b>150</b>
Michael Isei	<b>Temperature rise and copper exposure reduce heart mitochondrial</b>	Environmental	Thurs, Nov 19	<b>152</b>
Zachery Jarrell	<b>E-cigarette flavorant maltol disrupts bronchial antioxidant</b>	Environmental	Thurs, Nov 19	<b>153</b>
Zhenquan Jia	<b>Exposure to Air Pollutant 9, 10-Phenanthrenequinone Induces</b>	Environmental	Thurs, Nov 19	<b>154</b>
Zhimin Mao	<b>Hydrogen Sulfide Is an Endogenous Scavenger of Lipid Oxidation</b>	Environmental	Thurs, Nov 19	<b>156</b>
Syed Masood	<b>Live Cell Imaging of Oxidative Stress in Human Airway Epithelial</b>	Environmental	Thurs, Nov 19	<b>157</b>
Chidozie Okoye	<b>Modulation Of Mitochondrial Site-Specific Reactive Oxygen Species</b>	Environmental	Thurs, Nov 19	<b>158</b>
Edward Pennington	<b>Monitoring Real Time Changes in Redox Status of Human Airway</b>	Environmental	Thurs, Nov 19	<b>159</b>

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Aylin Sepici Dincel	<b>Identifying the effect of bone cement (polymethylmethacrylate) in</b>	Environmental	Thurs, Nov 19	<b>160</b>
Matthew Ryan Smith	<b>Metabolome-Wide Association Study of Electronic Cigarette</b>	Environmental	Thurs, Nov 19	<b>161</b>
Eric Kelley	<b>Xanthine Oxidase-Induced Vascular Dysfunction in Inhalation</b>	Environmental	Thurs, Nov 19	<b>163</b>
Ran You	<b>2-[(7-nitrobenzo[c][1,2,5]oxadiazol-4-yl)thio]pyridine 1-oxide</b>	Environmental	Thurs, Nov 19	<b>164</b>
Tao Zeng	<b>Spermidine alleviated LPS-initiated inflammation by activating Nrf2</b>	Environmental	Thurs, Nov 19	<b>165</b>
Tao Zeng	<b>Diallyl disulfide (DADS) attenuated LPS-induced proinflammatory</b>	Environmental	Thurs, Nov 19	<b>166</b>
Rachel Bentley	<b>Examining Oxygen-Induced Changes In Gene Expression Of Human</b>	Cardiovascular and Pulmonary	Fri, Nov 20	<b>168</b>
Anuradha Bharara Singh	<b>Nitrite regulates cellular calcium uptake through protein kinase A</b>	Cardiovascular and Pulmonary	Fri, Nov 20	<b>169</b>
Nicholas Buglak	<b>Cinnamic Aldehyde Inhibits Neointimal Hyperplasia Through Nrf2</b>	Cardiovascular and Pulmonary	Fri, Nov 20	<b>170</b>
Aranzazu M. de Marañón	<b>Empagliflozin treatment ameliorates the inflammatory profile of type</b>	Cardiovascular and Pulmonary	Fri, Nov 20	<b>171</b>
Ana Cartaya	<b>Immune Cell Mediated Delivery of Cinnamic Aldehyde for</b>	Cardiovascular and Pulmonary	Fri, Nov 20	<b>172</b>
Elizabeth Corteselli	<b>Generation of Glutaredoxin Mutants that Provide Resistance to</b>	Cardiovascular and Pulmonary	Fri, Nov 20	<b>173</b>
Marina Darenskaya	<b>Lipid peroxidation-antioxidant defense system functional state in</b>	Cardiovascular and Pulmonary	Fri, Nov 20	<b>174</b>
Aranzazu M. de Marañón	<b>Good glycaemic control reduces carotid-intima-media thickness,</b>	Cardiovascular and Pulmonary	Fri, Nov 20	<b>175</b>
Ima Dovinova	<b>PPAR Gamma and Nrf2 Activation on Adjustment of Hypertension</b>	Cardiovascular and Pulmonary	Fri, Nov 20	<b>176</b>
Hanan Elajaili	<b>Redox Regulation by Extracellular Superoxide Dismutase (EC-SOD)</b>	Cardiovascular and Pulmonary	Fri, Nov 20	<b>177</b>
Taiki Fushimi	<b>B-type procyanidins affect on blood flow and NO production through</b>	Cardiovascular and Pulmonary	Fri, Nov 20	<b>178</b>
Zhenquan Jia	<b>Carbon nanodots reduce Oxidized-LDL- induced inflammation in</b>	Cardiovascular and Pulmonary	Fri, Nov 20	<b>179</b>
Ravi Kumar	<b>Impaired skeletal muscle mitochondrial glutathione transport and</b>	Cardiovascular and Pulmonary	Fri, Nov 20	<b>180</b>
Marin Kuntic	<b>Role of Endothelin Receptor and FOXO-3 Transcription Factor in E-</b>	Cardiovascular and Pulmonary	Fri, Nov 20	<b>181</b>
Ji Li	<b>Age-related Sestrin2 maintains mitochondrial functional integrity</b>	Cardiovascular and Pulmonary	Fri, Nov 20	<b>182</b>
Clinton-Matthew Mathai	<b>Oxidant-induced DNA Damage in the Vasculature is Inhibited by</b>	Cardiovascular and Pulmonary	Fri, Nov 20	<b>184</b>
Elena Menshchikova	<b>Activation of Nrf2 fails to protect from ischemia-reperfusion cardiac</b>	Cardiovascular and Pulmonary	Fri, Nov 20	<b>185</b>
Lauren Nassour	<b>miRna Signatures for a human proteotoxic cardiac disease</b>	Cardiovascular and Pulmonary	Fri, Nov 20	<b>187</b>
Marina Nogueira	<b>Effect of long-term consumption of partially oxidized omega-6 fatty</b>	Cardiovascular and Pulmonary	Fri, Nov 20	<b>188</b>
Peter Proctor	<b>Tempol Treatment of Covid-19</b>	Cardiovascular and Pulmonary	Fri, Nov 20	<b>190</b>
Krithika Rao	<b>Myoglobin regulates cardiomyocyte differentiation and proliferation</b>	Cardiovascular and Pulmonary	Fri, Nov 20	<b>192</b>
Austin Read	<b>Critical Role of Electron Leak from Mitochondrial Electron</b>	Cardiovascular and Pulmonary	Fri, Nov 20	<b>193</b>
Sarah Schlichte	<b>Chronic In Vivo Administration of MnTnBuOE-2-PyP5+ Does Not</b>	Cardiovascular and Pulmonary	Fri, Nov 20	<b>194</b>
Heidi Schmidt	<b>Xanthine Oxidase has a Protective Role During Heme Crisis by</b>	Cardiovascular and Pulmonary	Fri, Nov 20	<b>195</b>
Jeffrey Stolwijk	<b>Red Blood Cells have Active GPx4: Implications for Blood Storage</b>	Cardiovascular and Pulmonary	Fri, Nov 20	<b>198</b>
Sini Sunny	<b>Changes in the redox transcriptome and structural/functional</b>	Cardiovascular and Pulmonary	Fri, Nov 20	<b>199</b>
Andrea Szuchman-Sapir	<b>Paraoxonase1 endocytosis and activity in endothelial cells affects</b>	Cardiovascular and Pulmonary	Fri, Nov 20	<b>200</b>

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Vitor Teixeira	<b>Early life deficiencies in ascorbate and cysteine impact the long-term</b>	Cardiovascular and Pulmonary	Fri, Nov 20	<b>201</b>
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Clara Ortegón Salas	<b>Receptor-induced redox signalling relay – from signal to effector</b>	Neurodegenerative Disease	Fri, Nov 20	<b>243</b>
Kishore Kumar S Narasimhan	<b>Reductive stress promotes protein aggregation in Neuro-2a cells</b>	Neurodegenerative Disease	Fri, Nov 20	<b>245</b>
Cristina Solana-Manrique	<b>Carbonylated SERCA Pump as a Promising Target in Biomedical</b>	Neurodegenerative Disease	Fri, Nov 20	<b>246</b>
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