

### **SFRR INTERNATIONAL 21ST BIENNIAL MEETING**

## SfRBM 30th Annual Conference SFRRI 21st Biennial Meeting

# **TRAVEL AWARDS**

Presenting Author	Abstract Title	Category / Presentation Type	Travel Award	Travel Award Type
Rogério Aleixo Silva University of Sao Paulo Brazil	Functional insights into PaLsfA: 1-Cys Peroxiredoxin that play key roles in the antioxidant defense of Pseudomonas aeruginosa	Chemical Biology  Oral		Traditional (\$500 / \$1,000 USD)
Gowtham Annarapu University of Pittsburgh United States	Obesity-induced platelet mitochondrial dysfunction causes vascular dysfunction.	Metabolism/Bioenergetics  Oral		Traditional (\$500 / \$1,000 USD)
Luiz Bechara University of Sao Paulo Brazil	Mitochondrial Formyl Peptide Attenuates Cardiac Damage Induced By Ischemia/Reperfusion Injury	Cardiovascular and Pulmonary  Poster		Traditional (\$500 / \$1,000 USD)
Stella Boutris Jayme University of São Paulo, Institute of Brazil	Mechanistic Studies Involving Singlet Oxygen-Mediated Oxidation of Thiols and Disulfide Bonds	Chemical Biology  Poster		SfRBM Foundation (\$500 USD)
David Caraballo Florida International University United States	APE1/Ref-1 is a Novel Redox-Sensitive Element of Lipopolysaccharide-Induced NF-kB-dependent Inflammatory Response in a Cellular Model of Acute Lung Injury	Redox / Cell Signaling  Oral		Traditional (\$500 / \$1,000 USD)
Weiyu Chen The Heart Research Institute Australia	Bilirubin Deficiency Destabilizes Atherosclerotic Plaque Associated With An Increase In Arterial Inflammation And Oxidative Stress	Cardiovascular and Pulmonary  Poster		Traditional (\$500 / \$1,000 USD)
Eleonora Cremonini University of California Davis United States	Epicatechin Prevents High-Fat Diet-Induced Endoplasmic Reticulum And Oxidative Stress And Consequent Apoptosis In Pancreatic β-cells: Evidence In Vivo And In Vitro	Redox / Cell Signaling  Poster		Traditional (\$500 / \$1,000 USD)
Litiele Cruz University of São Paulo Brazil	Identification of brominated extracellular matrix proteins in idiopathic pulmonary fibrosis tissues	Cardiovascular and Pulmonary  Poster		SfRBM Foundation (\$500 USD)
Tiphany De Bessa Heart Institute, University of Sao Paulo Brazil	Endoplasmic reticulum - plasma membrane contact sites as a potential hub for Protein Disulfide Isomerase-A1 (PDIA1) / NADPH oxidase cross-talk.	Redox / Cell Signaling  Oral		Traditional (\$500 / \$1,000 USD)
Adely De la Pena Universidad San Sebastián Chile	Galectin-8-Mediated Mitochondrial Dynamics: Implications for Cellular Homeostasis	Chemical Biology  Poster		Traditional (\$500 / \$1,000 USD)
Bianca Dempsey Universidade de Sao Paulo Brazil	TRC40 is a redox-regulated chaperone that protect cells from proteotoxic stress	Chemical Biology  Oral		Journal (\$1,000 USD)



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<b>Damián Estrada</b> Universidad de la República Uruguay	Mitochondrial O2•induced phosphatidylserine externalization in T. cruzi modulates the immune response in the acute phase of Chagas disease.	Inflammation and Immunity  Poster		SfRBM Foundation (\$500 USD)
Emerson Finco Marques University of Sao Paulo Brazil	Reactive Oxygen Species (ROS) Involvement in the Oxidation and Aggregation of Proteins in the eyes	Chemical Biology  Poster		DEI (\$1,000 USD)
<b>Agustina Freire</b> Universidad de Buenos Aires Argentina	Airborne particulate matter for Buenos Aires city causes functional alterations, neuroinflammation and redox imbalance in mice olfactory bulb.	Environmental Toxicology/Pharmacology Poster		SfRBM Foundation (\$500 USD)
Santiago Garcimartín Universidad de la Republica - Uruguay Uruguay	Nerve growth factor (NGF) nitration and changes in receptors expression following $\beta\text{-amyloid}$ administration as a murine model of Alzheimer's Disease	Neurodegenerative Disease  Poster		SfRBM Foundation (\$500 USD)
Renato Gaspar University of São Paulo Brazil	Protein Disulphide Isomerase A1 binds to fibrillar type I collagen and regulates its fibrillogenesis	Redox / Cell Signaling  Oral		Journal (\$1,000 USD)
Lucas Gutierre University of Sao Paulo Brazil	Disturbed flow regulates protein disulfide isomerase A1 expression via microRNA-204 and controls vascular smooth muscle cell differentiation	Cardiovascular and Pulmonary  Oral		Traditional (\$500 / \$1,000 USD)
Marcela Haberkorn Facultad de Medicina, Universidad de la Ūruguay	Oxidative Inactivation of Human Glutamine Synthetase: Defining the Role of Tyrosine Nitration	Chemical Biology  Poster		SfRBM Foundation (\$500 USD)
Romina Higa Universidad de Buenos Aires Argentina	Advanced maternal age increases oxidative status of the decidua during early pregnancy in rats	Aging Poster		SfRBM Foundation (\$500 USD)
Madeline Hines The University of Iowa United States	Lipid Peroxidation is a Critical Feedback Regulator of Mitochondria in Articular Chondrocytes	Redox / Cell Signaling  Poster		Traditional (\$500 / \$1,000 USD)
Lisa Hong University of Pittsburgh United States	Peroxiredoxin 1 phosphorylation is a critical signaling event in Triple Negative Breast Cancer-associated fibroblasts	Cancer Oral		DEI (\$1,000 USD)
Riley Hughes Weill Cornell Medicine United States	tRNA thio-Uridine Modifications in Stress Resistance and Metastasis	Cancer Poster		DEI (\$1,000 USD)



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<b>Alex Inague</b> University of Sao Paulo Brazil	A Non-canonical Activity of Peroxiredoxin 6 Protects Cells from Lipid Peroxidation and Ferroptosis	Chemical Biology  Poster		Traditional (\$500 / \$1,000 USD)
Maria Juliana Juncos Fundación Instituto Leloir Argentina	YgaV-mediated sulfane sulfur homeostasis in Escherichia coli	Chemical Biology  Poster		Journal (\$1,000 USD)
Maria Antônia K. M. Soares University of São Paulo Brazil	Dmo2p is a neglected protein required for the proper function of copper dependent enzymes Sod1p and Cox2p	Metabolism/Bioenergetics  Oral		Traditional (\$500 / \$1,000 USD)
Bárbara Krum University of São Paulo Brazil	Role of Aldehyde Dehydrogenase 2 in Amyotrophic Lateral Sclerosis	Neurodegenerative Disease  Poster		SfRBM Foundation (\$500 USD)
Leticia Lopes Dantas Santos Federal University of Uberlandia Brazil	Revolutionizing Breast Cancer Patient Management: Analysis of R-SH Quantification Unveils Redox Imbalance Signatures in Advanced Metastatic Breast Cancer	Cancer Poster		SfRBM Foundation (\$500 USD)
Melina López Sciarra Goethe-University Germany	Endothelial Cytochrome P450 Reductase-Derived Cholesterol Limits Angiogenesis	Cardiovascular and Pulmonary  Poster		Traditional (\$500 / \$1,000 USD)
Rebecca Mammel Virginia Polytechnic and State University United States	Crossroads of Nitric Oxide and Mitochondrial Metabolism: Implications for Skeletal Muscle Adaptations to Exercise	Metabolism/Bioenergetics  Oral		Traditional (\$500 / \$1,000 USD)
Santiago Mansilla Universidad de la República Uruguay	Structural Studies On The Redox-Sensitive Mitochondrial Aconitase And Its interaction With Frataxin	Chemical Biology  Poster		SfRBM Foundation (\$500 USD)
Mauricio Mastrogiovanni Universidad de la República Uruguay	Oxidized linoleic acid metabolites are reduced in Amyotrophic Lateral Scelrosis	Neurodegenerative Disease  Poster		SfRBM Foundation (\$500 USD)
Courtney McGinnis University of Colorado - Anschutz Medical United States	Regulation of hepatic lysine N-acetylation facilitated by cysteine proximity due to alcohol toxicity	Chemical Biology  Oral		Traditional (\$500 / \$1,000 USD)
Ligia Moriguchi Watanabe University of São Paulo Brazil	Genome-wide case-control association study identifies a locus connecting NRF2-ARE regulation and selenium deficiency	Redox / Cell Signaling  Poster		SfRBM Foundation (\$500 USD)



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Amin Mottahedin University of Oxford United Kingdom	Mitochondrial Metabolism After Ischemic Stroke and the Circadian Effects	Metabolism/Bioenergetics  Oral		DEI (\$1,000 USD)
Percillia Oliveira University of Sao Paulo School of Brazil	N-glycans as a tool to monitor subcellular Protein Disulfide Isomerase traffic	Redox / Cell Signaling  Poster		SfRBM Foundation (\$500 USD)
Maria Tereza Oliveira Batista University of São Paulo Brazil	Biochemical and Structural Analysis of Peroxiredoxins from Aspergillus fumigatus	Chemical Biology  Oral		Traditional (\$500 / \$1,000 USD)
Marissa Pokharel Florida International University United States	Targeting the mitochondrial fission-mediator Drp1 is a potential therapeutic strategy for ventilator induced lung injury	Cardiovascular and Pulmonary  Poster		DEI (\$1,000 USD)
Rodrigo A Quintanilla Universidad Autonoma de Chile Chile	The activation of Nrf2 pathway prevents neurodegenerative damage induced by hippocampal expression of caspase-3 cleaved tau	Neurodegenerative Disease  Oral		SfRBM Foundation (\$500 USD)
Angelica Ramos University of Sao Paulo Brazil	Functions of mitochondrial 1-Cys Peroxiredoxin (ScPrx1) from Saccharomyces cerevisiae in the intermembrane space or in the matrix	Redox / Cell Signaling  Poster		SfRBM Foundation (\$500 USD)
<b>Natalia Rios</b> Universidad de la República Uruguay	In vitro and in cellula tyrosine nitration by 5-methyl-1,4-dinitro -1H-imidazole (DNI), a photochemical nitrating agent: synthesis and biochemical characterization	Chemical Biology  Poster		Journal (\$1,000 USD)
<b>Lisley Santos Ramalho</b> University of São Paulo (USP) Brazil	Role of the Sympathetic Nervous System in Amyotrophic Lateral Sclerosis (ALS)	Neurodegenerative Disease  Oral		SfRBM Foundation (\$500 USD)
Meg Shieh Brown University United States	Transforming H2S to H2S2 by a Redox Reversible Booster System	Chemical Biology  Poster		Traditional (\$500 / \$1,000 USD)
<b>Beatriz Silva</b> University of São Paulo Brazil	Reduced uric acid levels in alcohol-associated liver disease mice model are associated with downregulation of hepatic urate synthesis and impaired renal reabsorption	Metabolism/Bioenergetics  Poster		SfRBM Foundation (\$500 USD)
Marcela Simões Teruel Universidade Federal do ABC (UFABC) Brazil	Propionic Acid Reduces Glutathione Content and Compromises Cell Metabolic Viability in MO3.13 Human Oligodendrocyte Cell Line - Insights for Propionic Acidemia	Neurodegenerative Disease  Poster		SfRBM Foundation (\$500 USD)



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Domenica Tarallo Facultad de Medicina, Universidad de la	Mitofusin 1 Silencing Decreases the Senescent Associated Secretory Phenotype, Promotes Immune Cell Recruitment and Delays Melanoma Tumor Growth After Chemotherapy	Cancer  Poster		Journal (\$1,000 USD)
Uruguay Sara Ventura	Interaction between Protein Disulfide Isomerase-A1 and	Redox / Cell Signaling		Traditional (\$500 / \$1,000 USD)
The Heart Institute - FMUSP Brazil	Enolase-1 contributes to plasmin activation in vascular smooth muscle cells	Poster		
Irene Wood Universidad de la República, Facultad de	New insights on Prostaglandin endoperoxide H synthase 2 (PGHS2) inhibition mechanism by nitroarachidonic acid	Chemical Biology	<b>®</b>	Traditional (\$500 / \$1,000 USD)
Uruguay	(NO2AA)	Poster		
Joao Wosniak Jr	Protein Disulfide Isomerase overexpression induces mitochondrial reorganization and a differentiated VSMC phenotype: role of mitofusin-2	Cardiovascular and Pulmonary		SfRBM Foundation (\$500 USD)
University of Sao Paulo School of Brazil		Poster		
Natalia Zamorano Cuervo CRCHUM - Université de Montréal	Dynamic Regulation of MAVS Protein Function via Reversible Oxidation at Cys79 in Response to Oxidant Stimuli	Redox / Cell Signaling	•	Traditional (\$500 / \$1,000 USD)
Canada	The state of the s	Poster	44	