



www.fesbe2024.com

**XXXVIII REUNIÃO ANUAL DA FESBE**  
**XXII REUNIÃO ANUAL DA BRAVO**  
**XVIII CONGRESSO DA SBCAL**  
**III CONGRESSO DOHAD BRASIL**  
**II CONGRESSO DA SBBA**

2 A 5 DE JULHO 2024, CAMPINAS/SP

**FRONTEIRAS DAS CIÊNCIAS BIOMÉDICAS E SEUS DESAFIOS**

## **Menções Honrosas**

**Lista de resumos agraciados com o certificado especial de Menção Honrosa da XXXVIII Reunião Anual da FeSBE, 02 a 05 de Julho de 2024**

Ana Paula Samogim - **Functional Evaluation Between the Interaction of PTK2 (FAK) Kinase and P68 (Helicase) During Genotoxic Stress in Cardiac Myocytes**

Maycon Tavares Emílio Silva - **Anti-Obesity Effect of Citral Through Metabolic and Intestinal Modulation in High-Fat Diet-Induced Obese Mice**

Isadora Penedo de Souza - **Effects of Yacon (Smallanthus Sonchifolius) Root Syrup on Non**

Beatriz Souza da Silva - **Perinatal Exposure to Organophosphorus Pesticides and Glycemic Outcomes in Adult Offspring**

Ana Laura Vieira da Silva - **Preoperative Supplementation with Beta-Hydroxy-Beta-Methylbutyrate (HMB) Suppresses Parkin-ATF4 Signaling and Alters the Hepatic Regenerative Process in Mice**

Bruno Sérgio Maia Madeira - **Behavioural Evaluation of Experimental Model of Cancer Cachexia Associated with Ageing Under the Effects of a Leucine**

Teresa Maria Da Ré Silva - **Aerobic Exercise Training Prevents Perivascular Adipose Tissue Dysfunction and Circulatory Inflammation in Obese Female Mice**

Reginaldo Correia da Silva Filho - **Can Dance Modify Oxidative Balance in Elderly Women?**

Aline Siqueira Berti - **The Interaction Between Macrophages and Prostate Epithelial Cells In Vitro: Soluble Factors Regulating Macrophage Function**



Júlia Nicolielo Nicolielo Pereira de Castro - **In Silico Comparison in Sickle Cell Ischemic Stroke: Endothelial Colony**

Carlos Eduardo Pinheiro Leher - **Nfil3 Circadian Pattern Affects Brown Adipose Tissue Thermogenesis**

Débora de Sousa Alves - **The Therapeutic Potential of GYY4137: Modulating Hydrogen Sulfide in Sickle Cell Anemia**

Larissa Victorino Sampaio - **High Dose of Anabolic Agent Promotes Oxidative Damage and Histomorphometric Changes in Male Wistar Rats Submandibular Glands**

Evelynn Dalila do Nascimento Melo - **Effects of 3,4-Metilenodioxichalcone in Neuropathic Pain Induced by Chronic Constriction of the Sciatic Nerve in Mice**

Gabriela Grassmann Roschel - **Influence of Lipid Mediators Derived of Omega-3 Fatty Acids on Degeneration and Regeneration of Skeletal Muscle Tissue**

Lucas Nogueira Ramos - **Influence of JAK Inhibition on Periodontitis Progression in Rats**

Alana Silva Oliveira Souza - **Evaluating CDK4/6 Inhibitor and Chemotherapy Combinations in Colorectal Cancer Treatment**

Rafael Cerioni Tognato - **Using Nanobody, Bioincorporation of Non-Canonical Aminoacids and Click Chemistry for Specific Drug Delivery to PSMA+ Prostatic Cancer Cell Lineage**

Juliana Hiromi Tashiro - **Morphological Analysis of Neurons in the Inner Retina of Diurnal and Nocturnal Snakes**

Renato Antonio dos Anjos - **Molecular Detection of Fusarium Species with Mycotoxigenic Potential in Different Conserved Forages**

Mariana Tardio Depintor - **Effects of Temperature Fluctuations on Oxygen-Carrying Capacity, Stress and Immunity in Nile Tilapia (Oreochromis Niloticus)**



Luiz Fernando Pereira - **The Effects of Silver Vanadate (AgVO<sub>3</sub>) on a Blood Vessel Network Using the Chicken Embryo Chorioallantoic Membrane (CAM)**

Sara de Moraes Leite - **Possible Mechanism of Arterial Pressure Maintenance in Obese Ovariectomized Female Rats**

Francisco Breno Silva Teófilo - **Insulin Storage Form Using Cryo-Electron Tomography**

Thalles Fernando Rocha Ruiz - **Phytoestrogen Therapy Reduced Carcinogenic Development of the Mammary Gland After Endocrine Disruption in Aged Females**

Natalia Pereira da Silva Araujo - **Obesogenic Diets Worsen the Cognitive Performance of C57BL/6 Mice**

Josiane Erica Miyamoto - **Interesterified Fat Alters Molecular Lipid in Hypothalamus and MHYOA Neuronal Cells**

Ana Catherine Neves do Nascimento - **The Effects of Maternal Obesogenic Diet on Hypertrophic Capacity and Fiber Area of the Skeletal Muscle of Adult Rat**

Vinícius Schiavinatto Mariano - **Maternal Low-Protein Diet: Impact on Sex-Specific Behavioral Changes in Aging Mouse Offspring**

Franciane Thais Falcão Vasconcellos - **Implications of Obesity on Muscle Morphological and Metabolic Changes: A Post**

Gabriela Larissa Lima da Silva - **Effect of Statins on Metabolism and Anxious Behavior of Rats Subjected to Chronic Sleep Deprivation**

Sabrina Meiriane da Silva Cruz - **Influence of Aerobic Exercise Training on the Heme Oxygenase 1 and Heme Pathways in Tumor in Animal Model of Colon Cancer**

Isabela Aparecida Divino - **Parkin is a Critical Player in the Effects of Caffeine Over Mitochondrial Quality Control Pathways During Skeletal Muscle Regeneration in Mice**



Giovana Fernanda Santos Fidelis - **ABCB1 Polymorphism (rs1128503): Influence on Adverse Reactions and Survival in Lung Cancer Patients Treated with Carboplatin+Paclitaxel**

Natália Calixto Miranda Santos - **Mouse Semg1 Impairs Mouse Sperm Motility and Hyperactivation: A Role of Eppin Binding**

Giulia Calderaro - **Expression Profile and Androgenic Regulation of Whey**

Caroline Fernanda Sanches Dal Pozzo - **Basal Release of 6-Cyanodopamine from Rat Isolated Vas Deferens and Its Role on the Tissue Contractility**

Jeferson Rubens Mamona da Silva - **Effects of Maternal Melatonin Deficiency on the Hippocampal Cholinergic Muscarinic Neurotransmission in the Offspring**

Isabella Bacci Bustelli - **Influence of Chronic Treatment with Banisteriopsis Caapi on Alzheimer's Disease: Impact on the Formation of Amyloid Plaques and Hippocampal Neuroinflammation**

Carolina Fernandes De Angelis - **Atmospheric Particulate Matter Impairs the Gills Morphofunctional Responses of Nile Tilapia (Oreochromis Niloticus) to Swimming Effort**

Roberto da Costa Gonçalves - **Inhibitory Effect of the Extracts from Aesculus Hippocastanum and Melilotus Officinalis on the Proteolytic and Coagulant Activity of B. jararaca, B. jararacussu and B. neuwiedi Snake Venom**

Camila de Castro Pinheiro - **Effect of Amazonian Siparunas spp. Extracts Against Coagulation and Proteolysis Caused by Bothrops jararacussu Venom**

Daniela Kuniyoshi - **Effects of Orally Administrated Capsaicin on the Intestinal Mucositis Induced by the Chemotherapy Drug Irinotecan Hydrochloride (CPT-11)**

Felipe Lima Dario - **Antinociceptive Action of Citral Through the CB2 Receptor is More Pronounced in Obese Adult Male C57BL/6J Mice**



Larissa de Abreu Fernandes - **Development of Pediatric Synovial Sarcoma PDX (Patient-Derived Xenograft) Model: Histopathological and Cytogenetic Validation**

Lucas Padilha Lacerda - **Immunohistochemical Expression of P21 and MDM2 Proteins in Colorectal Adenocarcinoma Samples**

Sarah Leonardo Dias - **Influence of Abnormal Dystrophins on Dark-Adapted Visual Thresholds in DMD Patients**

Ana Rafaela Carvalho Monte - **Role of ROBO1 and SLIT2 in Angiogenesis and Neovascularization in Proliferative Sickle Cell Retinopathy: Insights from a Humanized Mouse Model**

Luan Stefani Lima - **Development and Characterization of Acellular Placental Membranes as a Novel Biomaterial for Tissue Engineering Applications**

Bruna Carolina Lopes Pedraga - **Are Neuromyths in Education Relevant to Teaching and Learning? Development of the Educational Neuromyths Diagnostic Tool**

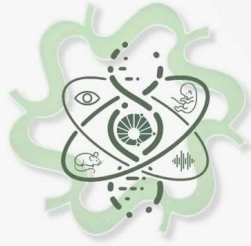
Rafael Américo Pitanga dos Santos - **Melatonin Absence Alters Cervical Brown Adipose Tissue Clock Genes and Thermogenic Molecular Machinery Expression**

Milena Batista Sandrini Assugeni - **Antitumor Effects of the Isoflavonoid Brazilin on Cancer Stem Cells from Oral Squamous Cell Carcinoma**

Nathália Rocha de Oliveira - **Infection Control by Coronavirus Inactivation by CRISPR/Cas9 Technology**

Rafael Henrique Borges Coelho - **Perinatal Bisphenol A Exposure Disrupts Hormonal Receptor Expression in Mammary Gland**

Armando Ribeiro Florido Neto - **Association of T3 with Insulin as a Potential Therapeutic Strategy for Glycemic, Inflammatory Cytokines and Muscle Mass Control in Experimental Diabetes Mellitus (DM)**



www.fesbe2024.com

**XXXVIII REUNIÃO ANUAL DA FESBE**  
**XXII REUNIÃO ANUAL DA BRAVO**  
**XVIII CONGRESSO DA SBCAL**  
**III CONGRESSO DOHAD BRASIL**  
**II CONGRESSO DA SBBA**

2 A 5 DE JULHO 2024, CAMPINAS/SP

**FRONTEIRAS DAS CIÊNCIAS BIOMÉDICAS E SEUS DESAFIOS**

Gabriel Pinto de Oliveira Santos - **Combination of Photobiomodulation, Photodynamic Therapy and Cellulose Membrane Pressure Injuries Treatment: 3 Clinical Cases Presentation**

Sophia Nora Baptista - **Morphofunctional Alterations of Normal Human Keratinocytes by Melanoma-Derived Extracellular Vesicles**

Artur de Oliveira Sales - **Inspiratory Muscle Strength Training Reverses Neurovascular Dysfunction, Lowers Blood Pressure, and Increases Exercise Tolerance in Long COVID Patients: A Randomized, Double-Blind, Sham-Controlled Trial**

Andressa Assunção dos Santos - **Secretory Leukocyte Protease Inhibitor Reduces Inflammation in the Lung and Intestine During Acute Respiratory Distress Syndrome in a Murine Model**

Priscila Santos Barbosa - **Local Acute Lung Injury Impairs Short-Term Memory and Reduced Brain Nicotinic Receptors Expression**

Isabela Aparecida Moretto - **Depicting the Role of BCLAF1-PTK2 Interacting Complex in the Regulation of Cardiomyocyte Survival During Doxorubicin-Induced Oxidative Stress**

Caroline Cristina Pinto-Souza - **Untargeted Proteomics Analysis in Preeclampsia with Severe and Non-Severe Features**

Pedro Pinholato Barbirato da Mata - **Superoxide Dismutase 2 (SOD2) Gene Expression Profile in Proliferative Sickle Cell Retinopathy: A Study in Mice**

Guilherme Tonon da Silva - **Exploring How EFL-1 and DCR-1 Interact and Respond to Calorie Restriction to Control Ageing**

Luiz Claudio Portnoi Baran - **Electrophysiological Evaluation of the Visual Pathways from the Retina to the Primary Visual Cortex in COVID-19 Patients**





Louise Oliveira Fiametti - **Intracellular Peptides Demonstrate Neuroprotective Activity in a Parkinson's Disease Model**

Natália Monteiro Pessoa - **Suppression of Cholesterol Synthesis Reduces Hepatic Steatosis and Inflammation in Mice with Constitutive Activation of PI3K Signaling in Hepatocytes**

Henrique Camara - **Single Nuclei RNA-Sequencing Reveals Novel Cellular Diversity and Enriched Communication in Human Cervical Brown Adipose Tissue**

Alexia Guimarães Batista Augusto - **Sex-Specific Effects of High-Fat Diet on Hypothalamic Chemokine Expression**

José Vitor Furuya de Lima - **Analysis of the Effects of the Psychostimulant Methylphenidate Hydrochloride on the Flow, Biochemical Composition and Salivary Redox State of Young Adult Male Rats**

Julia Eduarda Schneider Gregório - **The Influence of Graphene Concentration in PCL/Graphene Scaffolds: Gene Expression and Histological Investigation for Bone Regeneration**