

PROGRAM SCHEDULE

Monday - Sept.09.2019

9:00 - 17:00 - 3rd Australia-Brazil-Chile Regenerative Medicine and Developmental Biology Symposium
13:00 - 17:30 - "Escola de Ciências na FeSBE"
18:00 - 18:30 - Opening Ceremony
18:30 - 19:30 - Opening Lecture

Tuesday - Sept.10.2019

8:00 - 9:00 - Opening Session
9:00 - 11:30 - 3rd Australia-Brazil-Chile Regenerative Medicine and Developmental Biology Symposium
9:30 - 11:30 - Sessions
11:30 - 12:30 - Plenary Lecture
12:30 - 14:00 - Lunch
14:00 - 16:00 - Sessions
14:30 - 16:00 - 3rd Australia-Brazil-Chile Regenerative Medicine and Developmental Biology Symposium
16:00 - 18:00 - Poster Session I
18:00 - 19:00 - Lectures
19:10 - 20:00 - Courses II (1st class)

Wednesday - Sept.11.2019

8:00 - 9:00 - Courses I (1st class)/ "FeSBE Jovem - 25 anos"
9:30 - 11:30 - Sessions / "FeSBE Jovem - 25 anos"
11:30 - 12:30 - Plenary Lecture
12:30 - 14:00 - Lunch
14:00 - 16:00 - Sessions / "FeSBE Jovem - 25 anos"
16:00 - 18:00 - Poster Session II
18:00 - 19:00 - Lectures
19:10 - 20:00 - Courses II (2nd class)
20:00 - 21:00 - FeSBE General Assembly

Thursday - Sept.12.2019

8:00 - 9:00 - Courses I (2nd class) / "FeSBE Jovem - 25 anos"
9:30 - 11:30 - Sessions / "FeSBE Jovem - 25 anos"
11:30 - 12:30 - Plenary Lecture
12:30 - 14:00 - Lunch / Technical Lecture
14:00 - 16:00 - Sessions / "FeSBE Jovem - 25 anos"
16:00 - 18:00 - Poster Session III
18:00 - 19:00 - Lectures
19:10 - 20:00 - Courses II (3rd class)

Friday - Sept.13.2019

8:00 - 9:00 - Courses I (3rd class) / "FeSBE Jovem - 25 anos"
9:30 - 11:30 - Sessions / Affiliated Societies Awards / "FeSBE Jovem - 25 anos"
11:30 - 13:30 - Closing ceremony and Awardees announcement

FeSBE Annual Meeting 2019

September 9 - Monday

9:00-17:00 h - Symposium

Room 1

3rd Australia-Brazil-Chile Regenerative Medicine and Developmental Biology Symposium

“Understanding skeletal muscle regeneration using zebrafish models”

Peter Currie (Australian Regenerative Medicine Institute, Australia)

13:00-17:30 h - Escola de Ciências

Room 4

Escola de Ciências na FeSBE – Edição 2019

14:00-17:00 h - Cursos/Courses

Room 2

Marketing para cientistas: da bancada a concursos

Coordenador: Helder Nakaya (USP-SP)

Aula 1 - **Mitos e fatos na carreira científica**

Helder Nakaya (USP-SP)

Aula 2 - **Escrita científica e fazendo figuras impactantes**

Helder Nakaya (USP-SP)

Aula 3 - **Desenvolvendo sua carreira científica**

Helder Nakaya (USP-SP)

Room 3

Aspectos fisiológicos e comportamentais nas pesquisas com fêmeas

Coordenadora: **Fabiana C. Vilela Giusti** (UNIFAL-MG)

Aula 1 - **Aprendendo a trabalhar com fêmeas**

Bruna Kalil (UNIFAL-MG)

Aula 2 - **Lactação e comportamento materno**

Fabiana C. Vilela Giusti (UNIFAL-MG)

Aula 3 - **O funcionamento do sistema circadiano em fêmeas**

Maristela de Oliveira Poletini (UFMG)

18:00-19:30 h - FeSBE Opening Ceremony

Room 1

18:00-18:30 h

Opening Ceremony

18:30-19:30 h

Opening Lecture

FeSBE Annual Meeting 2019

September 10 - Tuesday

8:00-9:00 h - Opening Session

Room 2

Políticas para Formação e Ações Estratégicas em CT&I: perspectivas futuras.

Marcelo M Morales (Secretário de Políticas para Formação e Ações Estratégicas – MCTIC)

9:00-11:30 h - Symposium and Sessions

Room 1

3rd Australia-Brazil-Chile Regenerative Medicine and Developmental Biology Symposium

Room 2

Pharmacological changes in cell senescence and consequences for the aging process and neurodegenerative diseases

Chair: Tânia Viel (USP)

Cellular senescence is induced by the environmental neurotoxin paraquat and contributes to neuropathology linked to Parkinson's disease

Julie Kay Andersen (Buck Institute for Research on Aging)

Gedunin Inhibits Oligomeric A β 1-42-Induced Microglia Activation Via Modulation of Nrf2-NF- κ B Signaling

Shankar Chinta (Touro University)

Bradykinin treatment increased the longevity of hippocampal organotypic cultures from old mice

Hudson de Sousa Buck (FCMSCSP)

Translational evidence of microdose lithium effects for central nervous system healthy aging

Tânia Viel (EACH-USP)

Room 3

Advances in endocrine pancreas physiology and metabolic programming

Chair: Everardo Magalhães Carneiro (UNICAMP)

Advances and future perspectives for the study of the human pancreas

Alejandro Caicedo (University of Miami)

Metabolic programming and obesity

Patrícia Cristina Lisboa (UERJ)

OP: 04.027 - Characterization of the mouse lieno-pancreatic artery reactivity. Guizoni DM, Carneiro EM, Davel AP - Departamento de Biologia Estrutural e Funcional – UNICAMP

OP: 07.036 - Early in vitro amino acid restriction leads to impairment of mitochondrial metabolism and reduction of pancreatic β cell viability when exposed to fatty acids. Araujo TR, Vettorazzi JF, Guimarães DSPSF, Carneiro EM - Biologia Funcional e Molecular - UNICAMP

Room 4

Heart failure-induced cardiorenal diseases: potential targets.

Chair: Adriana C C Girardi (InCor- HC-FMUSP)

Cardioprotection conferred by antidiabetic drugs in heart failure: a renal proximal tubule perspective.

Adriana C. C. Girardi (InCor-HC-FMUSP)

The potential benefits of exercise training on vascular disorders induced by heart failure

Luciana V. Rossoni (ICB-USP)

OP: 17.004 - New DPP-4 inhibitor attenuates metabolic disturbance and improves cardiovascular function in Zucker diabetic fatty rats. Montagnoli TL, Costa GC, Alencar AKN, Da Silva JS, Silva MMC, Alves BEO, Gamba LER, Lima LM, Barreiro EJ, Sudo RT, Zapata-Sudo G - Programa de Pós-graduação em Farmacologia e Química Medicinal – UFRJ; Programa de Pós-graduação em Cardiologia – UFRJ; Programa de Pesquisa em Desenvolvimento de Fármacos – UFRJ

OP: 08.015 - Endothelial function profiles in resistance arteries in two different mouse models orthologous to autosomal dominant polycystic kidney disease type 1. Dourado VC, Rossoni LV, Onuchic LF - Departamento de Fisiologia e Biofísica - USP, Departamento de Clínica Médica - USP

FeSBE Annual Meeting 2019

September 10 - Tuesday

Room 5

Balance control and visual function: basic and applied approaches

Chair: Givago da Silva Souza (UFPA)

The role of the visual information in balance control

Ana Francisca Rozin Kleiner (UFSCar)

Balance control in low-vision patients

Givago da Silva Souza (UFPA)

OP: 24.009 - The influence of visual functions on school performance of children. Silva FMC, Sousa MDR, Oliveira MC, Cortes MIT, Souza GS, Lacerda EMCB - Laboratório de Neurociência e comportamento - Ceuma Centro de Ciências da Saúde - UFMA Centro de Ciências da Saúde – UNIFAP; Núcleo de Medicina Tropical - UFPA

OP: 24.016 - Dark-adapted rod thresholds in Duchenne muscular dystrophy patients. Dias SL, Silva LA, Oliveira TA, Nagy BV, Zatz M, Pavanello R, Costa MF, Grossklaus LF, Barboni MTS, Ventura DF - Psicologia Experimental – USP; Centro de Pesquisa sobre o Genoma Humano e Células-Tronco – USP; Neurociências e Comportamento – USP; Setor de investigação de doenças neuromusculares – UNIFESP.

11:30-12:30 h - Plenary Lecture

Room 1

What lies ahead of the frontier in cardiac development and evolution?

Chair: Hernandes F. Carvalho (UNICAMP)

Speaker: José Xavier-Neto (UFC)

12:30-14:00 h - Lunch

13:00-14:00 h - Technical Lecture

Room 3

Quantitative 3D imaging, cell and tissue ultrastructure

Speaker: Tara Nylese (Thermo Fischer)

14:00-16:00 h - Symposium and Sessions

Room 1

3rd Australia-Brazil-Chile Regenerative Medicine and Developmental Biology Symposium

Room 2

Therapies with stem cells and extracellular vesicles in chronic degenerative diseases

Chair: Pedro Leme (UFRJ) / Patricia Rocco (UFRJ)

Therapies with stem cells and extracellular vesicles in respiratory diseases

Patricia Rocco (UFRJ)

Extracellular vesicles therapy in kidney diseases

Danilo Cândido de Almeida (UNIFESP/USP)

Stem cells therapy in pulmonary arterial hypertension: a new perspective

Pedro Leme (UFRJ)

Challenges for cardiac repair and regeneration after myocardial infarction

José Eduardo Krieger (Incor-HC-USP)

Room 3

Transgenics and Biosafety

Chair: Anibal E. Vercesi (UNICAMP)

Impacts of adopting OMGs

Edivaldo Velini (UNESP)

OGMs: a mobile target

Carlos Orsi (Instituto Questão de Ciência)

The risk of miscommunicating risks

Natalia Pasternak (ICB-USP)

History and importance of the Brazilian biosafety law

Walter Colli (IQ-USP)

Room 4

Several aspects of zebrafish as a research model

Chair: Maria Izabel Chiamolera (UNIFESP)

Unraveling microRNAs function in zebrafish: strategies and advances

Arthur Casulli de Oliveira (UNESP)

FeSBE Annual Meeting 2019

September 10 - Tuesday

Congenital hypopituitarism and its multiple presentation in different species *Homo sapiens*, *Mus musculus* and *Danio rerio*

Luciani Renata Silveira de Carvalho (HC-FMUSP)

Sanitary control in zebrafish and its implication in experimental results

Bianca Ventura (FMUSP-SP)

Room 5

Neuroscience of learning and Brazilian education

Chair: Camilo Lellis-Santos (UNIFESP)

Universal design for learning: accommodating individual learning differences

Claudia Berlim de Mello (UNIFESP)

The day that elementary school students have built a pH meter themselves

Eduardo Galembeck (UNICAMP)

OP: 25.007 - The peer instruction method is time-consuming but promotes learning in physiology classes for low-income students.

Sá VA, Cunha AV, Lellis-Santos C - Ciências Biológicas- UNIFESP

OP: 25.011 - Unraveling multiple intelligences in the traveling science center science under tents.

Capistrano RL, Alves GH, Azeredo TV, Correa RP, Fragel-Madeira L - Neurobiologia – UFF; Pós-Graduação em Ensino em Biociências e Saúde – Fiocruz; Graduação em Ciências e Biotecnologia – UFF; Pós-Graduação em Ensino em Biociências e Saúde - Fiocruz

Hotel 1

New challenges to blindness treatment

Chair: Hilda Petrs-Silva (UFRJ)

Modulation of Endocannabinoid system induce neuroprotection in a murine model of retinitis pigmentosa

Lucianne Fragel Madeira (UFF)

Micro-RNAs and the regulation of stem cells and retinal degeneration

Carolina Beltrame Del Debbio (USP)

Non-viral vectors for retinal degeneration gene therapy

Marcela Coelho (UFMG)

Gene therapy for retinal ganglion cells - is it feasible?

Hilda Petrs-Silva (UFRJ)

16:00-18:00 h - Poster Session I

18:00-19:00 h - Lectures

Room 1

The wide spectrum of hypothalamic abnormalities in obesity

Chair: Everardo M. Carneiro (UNICAMP)

Speaker: Licio A. Velloso (UNICAMP)

Room 2

A Chimera Named Pollution

Chair: Patricia Rocco (UFRJ)

Speaker: Walter Araujo Zin (UFRJ)

Room 3

Hypertensive neuropathy: a new clinical disease?

Chair: Ana Carolina T. Takakura (ICB-USP)

Speaker: Valéria Paula S. Fazan (FMRP-USP)

19:10-20:00 h - Curso II/ Courses II

Room 1

Desreguladores endócrinos

Coordenadora: Maria Izabel Chiamolera (UNIFESP)

Aula 1 - **Introdução aos Desreguladores Endócrinos**

Andrea Claudia Freitas Ferreira (UFRJ)

Room 2

Molecular pathways in cell death subroutines

Chair: Giselle Zenker Justo (UNIFESP)

Class 1 - **Overview of cell death: Regulated and accidental cell death; classification of cell death subroutines**

Giselle Zenker Justo (UNIFESP)

FeSBE Annual Meeting 2019
September 10 - Tuesday

Room 3

Avaliação cardiovascular: adequando o método à hipótese

Coordenadora: Luciana V. Rossoni (ICB- USP)

Aula 1 - **Avaliando a função cardíaca**

Dalton Valentim Vassallo (UFES/ EMESCAM)

Room 4

How to make the most of optical microscopy

Chair: Manoel Luis Costa (UFRJ)

Class 1 - **Identifying the major variables in optical microscopy**

Manoel Luis Costa (UFRJ)

Room 5

Modelagem animal: o que preciso fazer para ter resultados precisos

Coordenador: Marcel Frajblat (UFRJ)

Aula 1 - **Ciência e modelagem animal**

Marcel Frajblat (UFRJ)

Hotel 1

Ritmos Biológicos: mais próximo da sua pesquisa que você imagina

Coordenadora: Fernanda Gaspar do Amaral (UNIFESP)

Aula 1 - **Análises Rítmicas na Pesquisa Experimental**

Fernanda Gaspar do Amaral (UNIFESP)

Hotel 2

Proteomics for everyone

Chair: Giuseppe Palmisano (ICB-USP)

Class 1 - **Proteomics tools and applications to biology**

Giuseppe Palmisano (ICB-USP) / Jose Cesar Rosa (USP-RP)

Hotel 3

Modelos animais em psicofarmacologia

Coordenador: Helena M Tannhauser Barros (UFCSPA)

Aula 1: **Noções básicas de neuroanatomia, neurofisiologia, etologia e psicofarmacologia**

Helena M Tannhauser Barros (UFCSPA)

FeSBE Annual Meeting 2019

September 11 - Wednesday

8:00-9:00 h - Curso I/ Courses I

Room 1

Redação Científica: Artigos, Projetos e Ética

Coordenador: Walter Araujo Zin (UFRJ)

Aula 1 - **Redação de Artigo Científico**

Walter Araujo Zin (UFRJ)

Room 2

Revisiting the Physiology Teaching

Chair: Maria Tereza Nunes (ICB- USP)

Class 1 – **“Who am I?” a game-based teaching tool to promote endocrine physiology learning**

Maria Tereza Nunes (ICB- USP)

Room 3

O tecido muscular esquelético: da estrutura a aspectos adaptativos

Coordenador: Anselmo Moriscot (ICB- USP)

Aula 1 - **Aspectos estruturais do músculo estriado esquelético e correlações com a função**

Anselmo Moriscot (ICB- USP)

Room 4

Advanced tissue-based techniques in drug development, with emphasis on toxicologic pathology and safety pharmacology applications

Chair: Gilberto De Nucci (UNICAMP/USP)

Class 1 - **Formalin-fixed paraffin-embedded (FFPE) tissue blocks/sections: review of molecular pathology techniques (relevance and limitations)**

Frédéric Gervais (Citoxlab, France)

Hotel 1

Canais para íons em membranas celulares

Coordenador: Antônio Carlos Cassola (ICB- USP)

Aula 1 - **Técnicas para a observação experimental de canais unitários: “Patch Clamp” e Análise de Ruído**

Antônio Carlos Cassola (ICB- USP)

Hotel 2

Imagens de Bases Moleculares

Coordenador: Valbert Nascimento Cardoso (UFMG)

Aula 1 - **Imagens cintilográficas (SPECT e PET)**

Simone Odília Antunes Fernandes (UFMG)

Hotel 3

Bioimpressão 3D na Medicina Regenerativa

Coordenadora: Marimelia Porcionatto (UNIFESP)

Aula 1 - **Imprimindo tecidos e órgãos: biotintas e células**

Marimelia Porcionatto (UNIFESP)

9:30-11:30 h - Sessions

Room 1

Advances in muscle physiology

Chair: Flavia Bloise (UFRJ)

Skeletal muscle physiology during the nonthyroidal illness syndrome

Flavia Bloise (UFRJ)

Muscle mitochondrial function in a model of dystrophic mice

Claudia Mermelstein (UFRJ)

OP: 07.001 - Maternal vitamin D deficiency selectively affects fiber-II rich skeletal muscle phenotype in adult offspring rats.

Reis NG, Gonçalves DAP, Silveira WA, Lautherbach NES, Almeida LF, Assis AP, Zanon NM, Heck LC, Coimbra TM, Kettelhult IC, Navegantes LCC - Fisiologia – FMRP/USP; Bioquímica e Imunologia – FMRP/USP; Educação Física UFMG

OP: 16.010 - Overexpression of miR 29c as a regulator of skeletal muscle mass.

Silva WJ, Graça FA, Oliveira AC, Silvestre JGO, Alves PKN, Lima GS, Yan CYI, Miyabara EH, Labeit S, Wang D, Moriscot AS - Department of Cell Biology and Development – USP; Institute for Integrative Pathophysiology – Department of Cardiology – HMS; Department of Anatomy – USP

Room 2

Mechanotransduction in biological systems

Chair: Ayumi Aurea Miyakawa (InCor-USP)

Mechanotransduction at the cell-matrix interface

Christoph Ballestrem (The University of Manchester)

Crp3 and vascular remodeling by mechanical stress

Ayumi Aurea Miyakawa (InCor-USP)

FeSBE Annual Meeting 2019

September 11 - Wednesday

OP: 04.004 - Cysteine and glycine-rich protein 3 (crp3) absence impairs focal adhesion signaling and force generation in aortic smooth muscle cells. Ribeiro-Silva JC, Ferraz MSA, Silva TG, Alencar AM, Ballestrem C, Krieger JE, Miyakawa AA - Heart Institute, University of Sao Paulo Medical School – FMUSP; Physics Institute, University of Sao Paulo – USP; The University of Manchester

OP: 22.033 - Cell contractility drives mechanical memory of oral squamous cell carcinoma. De Campos PS, Matte BF, Placone JK, Engler AJ, Lamers ML - Patologia Bucal – UFRGS; Departamento de Ciências Morfológicas - UFRGS; Department of Bioengineering - UCS

Room 3

New insights into thyroid hormones and TSH actions

Chair: Rodrigo Soares Fortunato (UFRJ)

Is there a role of TSH on thyroid and breast cancer?

Rodrigo Soares Fortunato (UFRJ)

Autocrine actions of thyroid hormone

Rafael Benjamin Araújo Dias (UNINOVE)

OP: 06.012 - TSH induces miRNA expression changes in thyroid follicular cells. Fuziwara CS, de Santalnez DC, Sousa ISMA, Saito KC, Kimura ET - Departamento de Biologia Celular e do Desenvolvimento – USP

Room 4

Mechanisms conditioning the beneficial effects of exercise in cardiovascular diseases

Chair: Lisete C Michelini (ICB-USP)

Autonomic dysfunction in hypertension: Effects of exercise training

Lisete C Michelini (ICB-USP)

Autonomic dysfunction in heart failure: Molecular mechanisms

Gustavo Santos Masson (ICB-USP)

OP: 11.002 - Effect of moderate physical training on the oxidative balance in the brainstem of young rats submitted to maternal protein restriction. Bernarndo EM,

Pereira AR, Silva SCDA, Braz GRF, Ferreira DJS, Pedroza AADS, Lagranha CJ - Laboratory of Exercise Biochemistry and Molecular Biology - UFPE; Post-Graduate Program in Biochemistry and Physiology - UFPE; Neuropsychiatry and Behavior Science Graduate Program - UFPE; Federal University of Sao Francisco Valley - UNIVASF

OP: 11.014 - Skeletal myopathy in heart failure: changes in muscle regeneration capacity and therapeutic effects of aerobic physical training. Vieira JS, Bacurau AVN, Cunha TF, Carrascoza LS, Dourado PMM, Brum PC - Biodinâmica do Movimento Humano - Universidade de São Paulo; Instituto do Coração - InCor-FMUSP

Hotel 1

Use of noise to mask color and luminance contrast

Chair: Eliza M. C. Brito Lacerda (CEUMA University)

Detection of luminance noise: influence of the stimulus parameters

Eliza M. C. Brito Lacerda (CEUMA University)

Color and luminance discrimination masked by luminance noise

Terezinha M. Gonçalves de Loureiro (UFPA)

OP: 24.011 – Light adaptation of the pseudo-random electrogram. Brasil A, Assis JB, Loureiro TMG, Souza GS - Núcleo de Medicina Tropical – UFPA

OP: 24.008 - Characterization of melanopsin expression in owl retinas. Naman MJV, Assis LVM, Hauzman E, Castrucci AML, Ventura DF, Baron J, Bonci DMO - Departamento de Psicologia Experimental – USP; Departamento de Fisiologia e Biofísica – UFMG; Departamento de Fisiologia - USP

11:30-12:30 h - Plenary lecture

Room 1

The cholesterol war: fake news vs. scientific based evidences

Chair: Helena Coutinho F. Oliveira (UNICAMP)

Speaker: Eder C. R. Quintão (FMUSP)

FeSBE Annual Meeting 2019

September 11 - Wednesday

12:30-14:00 h - Lunch

14:00-16:00 h – Sessions

Room 1

Microenvironment and cell behavior

Chair: Patricia Gama (USP)

Mechanotransduction in tumor cells

Marcelo Lazzaron Lamers (UFRGS)

Hyperglycemic environment and cell behavior

Marinilce Fagundes dos Santos (ICB-USP)

Scaffolds and brain injury

Marimelia A Porcionatto (UNIFESP)

Room 2

Inflammation-induced alterations of the neurovascular unit

Chair: Daniel Adesse (Fiocruz)

Microvessel alterations in Toxoplasma gondii infected mice

Daniel Adesse (Fiocruz)

Alcohol exposure during gestation impairs endothelial-astrocyte interactions in the embryonic cerebral cortex

Joice Stipursky (UFRJ)

Zika virus hampers blood vessels development in a murine model of congenital infection

Patrícia Pestana Garcez (UFRJ)

The role of TLR4 in the microvascular cerebral dysfunction in a model of metabolic syndrome

Nathalie Obadia Pereira (Fiocruz)

Room 3

New aspects of endocrine disruptors

Chair: Maria Izabel Chiamolera (UNIFESP)

Experience with the European Commission for Endocrine Disruptors

Maria Tereza Nunes (ICB-USP)

Zebrafish as an alternative method for toxicity assessment of emerging environmental contaminants

Bianca Sales (UNESP-Botucatu)

Endocrine disruptors and intrauterine programming of thyroid dysfunctions

Caroline Serrano do Nascimento (Hospital Albert Einstein)

Endocrine disruptors and the brain

Gisele Giannocco (UNIFESP-Diadema)

Room 4

Purinergic Signaling in Development and Disease

Chair: Henning Ulrich (IQ-USP)

Regulation of Type 1 Equilibrative Nucleoside Transporters (ENT1) in lipid rafts and by microRNA-124 in the retina

Alexandre Rodrigues (UFF)

Purinergic signaling in sepsis-induced liver injury

Robson Coutinho-Silva (UFRJ)

Purinergic Signaling in the Developing Retina

Ana Lucia Marques Ventura (UFF)

Therapeutic effects of purinergic receptors in neurodegenerative diseases

Henning Ulrich (IQ-USP)

Hotel 1

Why scientists should share their discoveries through different media not only by publishing papers?

Chair: Camilo de Lellis Santos (UNIFESP)

Science and Citizenship

Natália Pasternak (ICB-USP)

Podcasts, a simple way to connect scientists and public

Leandro A. Lobo (UFRJ)

Who's afraid of media exaggeration?

Carlos Orsi (Instituto Questão de Ciência)

Science in the media, science in the class: the fight against misconceptions

Camilo de Lellis Santos (UNIFESP)

16:00-18:00 h - Poster Sessions II

FeSBE Annual Meeting 2019

September 11 - Wednesday

18:00-19:00 h - Lectures

Room 1

Discussing the Relationship (DR): The bi-directional communication between tumor and stroma

Chair: Patricia Gama (ICBUSP)

Speaker: Christina Barja Fidalgo (UERJ)

Room 2

Non-coding RNAs: pathophysiological role and clinical application in the cardiovascular system

Chair: Alice Cristina Rodrigues (ICB-USP)

Speaker: Da-Zhi Wang (Harvard Medical School)

Room 3

Melatonin as a Hormone: New Physiological and Clinical Insights

Chair: Fernanda Gaspar do Amaral (UNIFESP)

Speaker: José Cipolla Neto (ICB-USP)

19:10-20:00h - Cursos II (2ª aula) / Courses II (2nd class)

Room 1

Desreguladores endócrinos

Coordenadora: Maria Izabel Chiamolera (UNIFESP)

Aula 2 - **Contaminantes Organoestênicos e o Sistema Endócrino e Reprodutor**

Jones B. Graceli (UFES)

Room 2

Molecular pathways in cell death subroutines

Chair: Giselle Zenker Justo (UNIFESP)

Class 2 - **Molecular pathways of major regulated cell death modalities**

Giselle Zenker Justo (UNIFESP)

Room 3

Avaliação cardiovascular: adequando o método à hipótese

Coordenadora: Luciana V. Rossoni (ICB- USP)

Aula 2 - **Avaliando a função vascular**

Luciana Venturini Rossoni (ICB- USP)

Room 4

How to make the most of optical microscopy

Chair: Manoel Luis Costa (UFRJ)

Class 2 - **Choosing the best procedure for each inquiry in optical microscopy**

João Ricardo Lacerda de Menezes (UFRJ)

Room 5

Modelagem animal: o que preciso fazer para ter resultados precisos

Coordenador: Marcel Frajblat (UFRJ)

Aula 2 - **Fatores que afetam os resultados de uma pesquisa**

Marcel Frajblat (UFRJ)

Hotel 1

Ritmos Biológicos: mais próximo da sua pesquisa que você imagina

Coordenadora: Fernanda Gaspar do Amaral (UNIFESP)

Aula 2 - **Análises Rítmicas na Pesquisa Clínica**
Maria Paz Hidalgo (UFRGS)

Hotel 2

Proteomics for everyone

Chair: Giuseppe Palmisano (ICB-USP)

Class 2 - **Mass spectrometry and bioinformatics for protein identification and quantification**

Giuseppe Palmisano (ICB-USP) / Jose Cesar Rosa (USP-RP)

Hotel 3

Modelos animais em psicofarmacologia

Coordenador: Helena M Tannhauser Barros (UFCSPA)

Aula 2: **Modelos animais em depressão e estresse pós-traumático**

Helena M Tannhauser Barros (UFCSPA)

20:00-22:00 h - Assembly

Hotel 1

FeSBE General Assembly

FeSBE Annual Meeting 2019

September 12 – Thursday

8:00-9:00 h - Curso I / Courses I

Room 1

Redação Científica: Artigos, Projetos e Ética

Coordenador: Walter Araujo Zin (UFRJ)

Aula 2 - **Ética na Redação e Publicação de um Artigo**

Walter Araujo Zin (UFRJ)

Room 2

Revisiting the Physiology Teaching

Chair: Maria Tereza Nunes (ICB- USP)

Class 2 - **Dramatization in Physiology teaching: date to do different**

Lucila Ludmila Paula Gutierrez (UFCSPA)

Room 3

O tecido muscular esquelético: da estrutura a aspectos adaptativos

Coordenador: Anselmo Moriscot (ICB- USP)

Aula 2 - **Mecanismos celulares e moleculares controladores da massa muscular esquelética**

Dawit A. Pinheiro Goncalves (EEFFTO-UFMG)

Room 4

Advanced tissue-based techniques in drug development, with emphasis on toxicologic pathology and safety pharmacology applications

Chair: Gilberto De Nucci (UNICAMP/USP)

Class 2 - **Advanced in situ hybridization techniques: RNAScope**

Frédéric Gervais (Citoxlab, France)

Hotel 1

Canais para íons em membranas celulares

Coordenador: Antônio Carlos Cassola (ICB- USP)

Aula 2 - **Análise estocástica de canais unitários**

Antônio Carlos Cassola (ICB- USP)

Hotel 2

Imagens de Bases Moleculares

Coordenador: Valbert Nascimento Cardoso (UFMG)

Aula 2 - **Nanoformulações para diagnóstico por imagens**

Valbert Nascimento Cardoso (UFMG)

Hotel 3

Bioimpressão 3D na Medicina Regenerativa

Coordenadora: Marimelia Porcionatto (UNIFESP)

Aula 2 - **Bioimpressão 3D como ferramenta para recapitular o desenvolvimento e doenças**

Marimelia Porcionatto (UNIFESP)

9:30-11:30 h – Sessions

Room 1

Noncoding RNAs in health and disease

Chair: Alice Cristina Rodrigues (ICB-USP)

Modulation of Muscle Development and Disease by Noncoding RNAs

Da-Zhi Wang (Harvard Medical School)

Integration of Transcriptomics and MicroRNA Analyses in Cancer Cachexia

Robson Francisco Carvalho (UNESP)

MicroRNAs mediate beneficial effects of exercise on the cardiovascular system

Edilamar Menezes de Oliveira (EEFE-USP)

Exosomal microRNAs as mediators of intertissue communication in obesity

Alice Cristina Rodrigues (ICB-USP)

Room 2

Influence of microenvironment on tumor development

Chair: João Alfredo de Moraes (UFRJ)

Clues from the tumor-derived extracellular matrix to neighbor cells in the microenvironment

Christina Barja-Fidalgo (UERJ)

Neutrophil extracellular traps (NETs) as mediators of tumor progression

Robson de Queiroz Monteiro (UFRJ)

Adipose tissue derived extracellular vesicles modify tumoral cells behavior

Mariana Renovato Martins (UFF)

Effect of melanoma extracellular vesicles on neutrophil polarization

João Alfredo de Moraes (UFRJ)

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Room 3

Immunomodulators and intestinal homeostasis

Chair: Valbert Nascimento Cardoso (UFMG)

Probiotic Bacteriophages- A novel strategy to control infection and inflammation.

Belchiolina Beatriz Fonseca (UFU)

Use of lactic acid bacteria genetically modified as immunomodulators to promote intestinal homeostasis

Vasco Ariston Carvalho de Azevedo (UFMG)

Lipids as immunomodulatory agents

Tatiani Uceli Maioli (UFMG)

Room 4

Pathogenesis of Chagas Disease

Chair: João Santana da Silva (FMRP-USP)

The Yin-and-Yang of the immune response: keeping the balance to decrease the burden of Chagas heart disease

Walderez O. Dutra (UFMG)

Consequences of controlling inflammation during *Trypanosoma cruzi* infection

Fabiana Simão Machado (UFMG)

The involvement of lipid kinases in the pathogenesis of *Trypanosoma cruzi* infection

Maria Claudia Silva (FMRP-USP)

Omics analysis in Chagas disease cardiomyopathy: a mitochondrial disease?

Edecio Cunha Neto (USP)

Hotel 1

Content versus process in modern cell biology teaching

Chair: Manoel Luis Costa (UFRJ)

On the basic concepts in cell biology

Manoel Luis Costa (UFRJ)

On the impact of technology in biology teaching methodologies

Miriam Struchiner (UFRJ)

Survey of major topics in cell biology

Claudia Mermelstein (UFRJ)

Hotel 2

BRAVO Award

24.003 - SWS1 opsin gene duplication confers sensitivity to uv and violet light in the aquatic colubrid snake *helicops modestus*.

Hauzman E, Bhattacharyya N, ChangBSW, VenturaDF, - Psicologia Experimental - USP Ecology & Evolutionary Biology - UofT Cell & Systems Biology - UofT

24.005 - Effect of near-infrared light therapy using an alternative method in association with retina degeneration by light-stress model.

Dourado LFN, Alves AP, Paiva MRB, Ajero U, Siqueira RC, Silva-Cunha A, - Pharmaceutical Products - Federal University of Minas Gerais Physics - Federal University of Minas Gerais Ophthalmology - Padre Albino University Center

24.007 - Galunisertib effects on the glial-mesenchymal transition of retinal müller cells.

Silva RA, Matsuda M, Tikasawa PSA, Roda VMP, Costa GJL, Hamassaki DE, - Cell & Developmental Biology - USP Laboratory of Ophthalmology - USP

24.008 - Characterization of melanopsin expression in owl retinas.

Naman MJV, Assis LVM, Hauzman E, Castrucci AML, Ventura DF, Baron J, Bonci DMO, - Departamento de Psicologia Experimental - USP Departamento de Fisiologia e Biofísica - UFMG Departamento de Fisiologia - USP

24.011 - Light adaptation of the pseudo-random electrogram.

Brasil A, Assis JB, Loureiro TMG, Souza GS, - Núcleo de Medicina Tropical - UFPA

11:30-12:30 h - Plenary Lecture

Room 1

“A política como Ciência, a Ciência na política”

Chair: Marcel Frajblat (UFRJ)

Speaker: Celso Pansera (Iniciativa para a Ciência e Tecnologia no Parlamento - ICTP.br)

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12:30- 13:30 h - Technical Lecture

Room 2

Como melhorar seu protocolo de purificação de proteínas

Speaker: Fellipe Bronze-Assessor Científico da Sinapse Biotecnologia LTDA.

12:30-14:00 h - Lunch

14:00-16:00 h - Sessions

Room 1

Immunology in health and disease

Chair: Marcelo T. Bozza (UFRJ)

Regulation of CD8 T cell differentiation and function by Polycomb group (PcG) proteins during acute and chronic infections

Renata Pereira (UFRJ)

Mucosal inflammation: quantitative vs. qualitative aspects of Treg cell imbalance

Fabio Barrozo do Canto (UFF)

Immunological scarring: understanding chronic effects of acute infections

Denise Morais da Fonseca (USP)

Combining in vivo imaging and high dimensional phenotyping to understand immune and metabolic development during life

Gustavo Batista de Menezes (UFMG)

Room 2

Risks to the environmental and health due to the uranium mining in Brazil

Chair: Silvia Maria Velasques de Oliveira (SBBN)

Environmental remediation in uranium mining and naturally occurring radioactive material waste

Rodrigo Modesto Gadelha Gontijo (UFMG)

Relevant aspects in the environmental modelling according the radiobiological perspective

Dunstana Melo (Melohill Technology)

Potential hazards in chemical, biological, nuclear and radiological exposures

Edson Andrade (Instituto Militar de Engenharia-IME/Instituto de Engenharia Nuclear-IEN)

Biological effects of chronic exposures in the neighborhood of nuclear fuel cycle facilities

Carlos Eduardo Brandão (UNIRIO / UFRJ)

Room 3

Regulation of muscle mass: cellular and molecular aspects

Chair: Claudia Mermelstein (UFRJ)

Calcium and calpain in muscle dystrophy

Claudia Mermelstein (UFRJ)

Role of miR-29 family in skeletal muscle mass control

Anselmo Moriscot (ICB-USP)

Does insulin/IGF-1 signaling mediate the effects of beta2-adrenergic agonists on skeletal muscle remodeling and function?

Dawit A. Pinheiro Goncalves (EEFFTO-UFMG)

The role of extracellular matrix during myoblast migration

Ingo Riederer (FIOCRUZ)

Room 4

Renin, angiotensins, bradykinin, noradrenaline, acetylations and oxidative stress: friends or foes in cardiorenal syndromes? In honor to the memory of Margarida de Mello Aires

Chair: Adalberto Vieyra (UFRJ)

Cardiorenal syndrome: the long road from kidney to heart

Marcela Sorelli Carneiro Ramos (UFABC)

Novel role of bradykinin and B2-receptors: regulation of collecting duct renin

Lucienne da Silva Lara (UFRJ)

The role of oxidative stress in the renal alterations underlying the onset of hypertension programmed by intrauterine undernutrition

Leucio Duarte Vieira (UFPE)

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Renin-angiotensin system and acetylations: key elements in the cardiorenal alterations provoked by undernutrition and obesity
Humberto Muzi Filho (UFRJ)

Hotel 1

Photobiomodulation and its applications

Chair: Marucia Chacur (ICB-USP)

Application of photobiomodulation in different animal models.

Marucia Chacur (ICB-USP)

Effect of photobiomodulation in different models of orofacial pain

Daniel de Oliveira Martins (ICB-USP)

Is there for the use of photobiomodulation in the treatment of pain in medicine?

Hazem A. Ashmawi (FMUSP)

Light to treat pain: biophysics of the mechanisms of action and how to perform clinical and experimental procedures

Marcelo Victor P de Sousa (Bright Photomedicine)

Photobiomodulation Therapy as a tool to improve the quality of life in patients in different types of pain

Nathali Cordeiro Pinto (FMUSP)

16:00-18:00 h - Poster Session III

18:00-19:00 h - Lectures

Room 1

Aerobic exercise training as therapy for skeletal myopathy: relevance to heart failure and cancer

Chair: Ana Paula C. Davel (UNICAMP)

Speaker: Patricia C. Brum (EEFE-USP)

Room 2

The Immune-Pineal Axis – a chronopharmacological approach for integrating the timing in Physiology and Pathology

Chair: André Sampaio Pupo (UNESP)

Speaker: Regina P. Markus (USP)

19:10-20:00h - Cursos II /Courses II

Room 1

Desreguladores endócrinos

Coordenadora: Maria Izabel Chiamolera (UNIFESP)

Aula 3 - **Plasticantes, Herbicidas e Metais Pesados**

Glacir Roseni Mundstock Dias (UFRJ)

Room 2

Molecular pathways in cell death subroutines

Coordenadora: Giselle Zenker Justo (UNIFESP)

Class 3 - **Metabolic control of cell death.**

Giselle Zenker Justo (UNIFESP)

Room 3

Avaliação cardiovascular: adequando o método à hipótese

Coordenadora: Luciana V. Rossoni (ICB- USP)

Aula 3 - **Avaliando a efetividade dos protocolos de treinamento físico**

Patrícia C. Brum (EEFE-USP)

Room 4

How to make the most of optical microscopy

Chair: Manoel Luis Costa (UFRJ)

Class 3 - **Demonstration of the possibilities and limitations in optical microscopy and image processing**

Manoel Luis Costa (UFRJ)

Room 5

Modelagem animal: o que preciso fazer para ter resultados precisos

Coordenador: Marcel Frajblat (UFRJ)

Aula 3 - **Como será a pesquisa com animais em 2040**

Marcel Frajblat (UFRJ)

Hotel 1

Ritmos Biológicos: mais próximo da sua pesquisa que você imagina

Coordenadora: Fernanda Gaspar do Amaral (UNIFESP)

Aula 3 - **Discussão guiada de projetos - onde estão os ritmos e como lidar com eles?**

Maria Paz Hidalgo (UFRGS)

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Hotel 2

Proteomics for everyone

Chair: Giuseppe Palmisano (ICB-USP)

Class 3 - **Identification of protein phosphorylation by proteomics approaches**

Giuseppe Palmisano (ICB-USP) / Jose Cesar Rosa (USPRP)

Hotel 3

Modelos animais em psicofarmacologia

Coordenador: Helena M Tannhauser Barros (UFCSPA)

Aula 3: **Modelos animais em ansiedade e dependência química**

Luana Freese (UFCSPA)

20:00-22:00 h - Assembly

Hotel 1

BRAVO General Assembly

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8:00-9:00 h - Curso I / Courses I

Room 1

Redação Científica: Artigos, Projetos e Ética

Coordenador: Walter Araujo Zin (UFRJ)

Aula 3 - **Elaboração de Projeto de Pesquisa**

Dalton Valentim Vassallo (UFES / EMESCAM)

Room 2

Revisiting the Physiology Teaching

Chair: Maria Tereza Nunes (ICB- USP)

Class 3 - **Using arts to foster the learning of scientific concepts**

Camilo Lellis-Santos (UNIFESP)

Room 3

O tecido muscular esquelético: da estrutura a aspectos adaptativos

Coordenador: Anselmo Moriscot (ICB- USP)

Aula 3 - **Mecanismos celulares e moleculares envolvidos na resposta regenerativa muscular**

Anselmo Moriscot (ICB- USP)

Room 4

Advanced tissue-based techniques in drug development, with emphasis on toxicologic pathology and safety pharmacology applications

Chair: Gilberto De Nucci (UNICAMP/USP)

Class 3 - **Core techniques in the development of therapeutic oligonucleotides**

Cécile Sobry (Citoxlab, France)

Hotel 1

Canais para íons em membranas celulares

Coordenador: Antônio Carlos Cassola (ICB- USP)

Aula 3 - **Topologia de canais para cátions assemelhados aos canais dependentes de voltagem**

Antônio Carlos Cassola (ICB- USP)

Hotel 2

Imagens de Bases Moleculares

Coordenador: Valbert Nascimento Cardoso (UFMG)

Aula 3 - **Nanoformulações para tratamento**

Valbert Nascimento Cardoso (UFMG)

Hotel 3

Bioimpressão 3D na Medicina Regenerativa

Coordenadora: Marimelia Porcionatto (UNIFESP)

Aula 3 - **Desafios e Perspectivas da Bioimpressão 3D**

Marimelia Porcionatto (UNIFESP)

09:30-11:30 h - Sessions

Room 1

Development, aging and cell functions

Chair: Patricia Gama (ICB-USP)

Development, diet and hepatic functions

Gustavo Batista de Menezes (UFMG)

Breastfeeding and the priming of gastric cell functions

Patricia Gama (ICB-USP)

OP: 05.001 - Effect of anti-TNF α on enteric neurons and enteric glial cells in experimental ulcerative colitis. Souza RF, Machado FA, Castelucci P. Anatomia – ICB.

OP:05.002-Early weaning triggers transient effects on TGF beta and FGF10 levels in the rat gastric mucosa Silva, K. M., Rattes, I. C., Costa, A. V., Rigonati, C. A. M., Gama, P. Departamento de Biologia Celular e do Desenvolvimento -USP

Room 2

A tribute to Margarida de Mello Aires, the leading lady of renal physiology

Chair: Maria Oliveira de Souza (ICB-USP)

Small extracellular vesicles and kidney disease models: a tribute to the leading lady of renal physiology

Adalberto Vieyra (IBCCF & CENABIO-UFRJ)

Everything started in the kidney... but ended in the heart... A trajectory through the Renin-Angiotensin System

Maria Luiza Barreto Chaves (ICB-USP)

Glucose - an energetic substrate that modifies proximal reabsorption and, in excess, impairs renal function and promotes fetal programming

Guiomar Nascimento Gomes (UNIFESP)

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Margarida de Mello Aires: Physiologist, scientist, teacher and friend

Maria Oliveira de Souza (ICB/ USP) and
Gerhard Malnic (ICB-USP)

Room 3

New approaches in animal vision research

Chair: Leonardo Dutra Henriques (USP)

Evaluation of New World monkeys color vision with an adaptation of Cambridge Colour Test

Leonardo Dutra Henriques (USP)

Suprathreshold chromatic discrimination in tufted capuchin monkeys (*Sapajus apella*)

Letícia Miquilini de Arruda Farias (UFPA)

OP: 24.003 - SWS1 opsin gene duplication confers sensitivity to UV and violet light in the aquatic colubrid snake *Helicops modestus*. Hauzman E, Bhattacharyya N, Chang BSW, Ventura DF - Psicologia Experimental – USP; Ecology & Evolutionary Biology – UofT; Cell & Systems Biology - UofT

OP: 24.018 - A novel uveitis model induced by BCG in rabbits. Castro BFM, Vieira LC, Silva LM, Santos DVV, Fialho SL, Cotta OAL, Paiva MRB, Guerra MCA, Silva-Cunha A - Faculty of Pharmacy – UFMG; Faculty of Medicine – UFMG; Pharmaceutical Research and Development – FUNED; Cell Biology Laboratory - FUNED

Room 4

SBEM Award

11:30 -13:30 h - Closing Ceremony

Room 1

“Science Service Award - FeSBE 2019”

A instabilidade no sistema federal de fomento à Ciência e Tecnologia

Wanderley de Souza (UFRJ)

Awardees Announcement:

FeSBE Affiliated Societies awards

“Prêmio Professor de Ciências do Ano FeSBE 2019”

Poster Presentation Prize

Closing Remarks

FeSBE Annual Meeting 2019
Poster Sessions and Abstracts

Poster Session I - Sept.10.2019 - 16:00 - 18:00 h

1 - Ambiental Biology, Evolution and Comparative Biology	001 - 006
3 - Laboratory Animal Science	001 - 005
4 - Cardiovascular Biology and Diseases	001 - 010
5 - Gastrointestinal Biology and Diseases	001 - 002
6 - Endocrine System	001 - 006
7 - Nutrition and Metabolism	001 - 017
8 - Renal Biology and Diseases	001 - 006
9 - Respiratory Biology and Disease	001 - 005
10 - Neurobiology	001 - 014
11 - Physical Training Responses	001 - 007
13 - Cell differentiation, growth and death	001 - 009
15 - Optical and Mechanical Technologies for Health	001 - 004
16 - Gene and Cell Therapy, Omics Biology	001 - 005
17 - Basic & Clinical Pharmacology	001 - 005
18 – Neuropsychopharmacology.....	001 - 005
19 – Toxicology.....	001 - 009
20 - Pain and Inflammation	001 - 008
22 - Cancer Signaling and Therapeutics.....	001 - 013
23 - Regenerative Medicine and Developmental Biology.....	001 - 026
24 - Vision and Ophthalmology	001 - 006
25 - Education, Science History and Philosophy, Science Communication	001 - 005

FeSBE Annual Meeting 2019
Poster Sessions and Abstracts

1 - Ambiental Biology, Evolution and Comparative Biology

01.001 - METALLOTHIONEINS MRNA EXPRESSION IN HEPATOPANCREAS OF BLUE CRABS CALLINectes DANAe FOLLOWING PB EXPOSURE. Bordon IC, Emerenciano AK, Souza FC, Joviano WR, Santos LN, Favaro DIT, Abessa DMS, Silva JRMC, - Biologia Celular - USP NEPEA - UNESP CRPq - CNEN

01.002 - MUSCLE GROWTH SIGNALING PATHWAYS ACT DIFFERENTLY BETWEEN FISH SUPERORDERS OSTARIOPHYSI AND ACANTHOPTERYGII.. Duran BOS, Garciadelaserrana D, Zanella BTT, Mareco EA, Santos VB, Carvalho RF, Dal-Pai-Silva M, - Morphology - São Paulo State University (UNESP) Cell Biology, Physiology and Immunology - University of Barcelona Biology - University of Western São Paulo (UNOESTE) - - São Paulo Agency for Agribusiness Technology (APTA)

01.003 - OSMOIONIC HOMEOSTASIS IN BIVALVES MOLLUSCS INHABITANTS OF DIFFERENT OSMOTIC NICHES. Medeiros IPM, Faria SC, Souza MM, - Instituto de Ciências Biológicas - FURG Programa de Pós-Graduação em Ciências Fisiológicas - FURG Instituto de Biociências - USP

01.004 - ACUTE TOXICITY TEST WITH TRIBUTYLtin (TBT) IN THE BLUE CRAB CALLINectes SAPIDUS. Simões LAR, Vogt ÉL, Amaral M, Vinagre AS, - Departamento de Fisiologia - UFRGS

01.005 - CHARACTERIZATION OF SIRTUINS IN Aedes Aegypti. Melo MM, DoVal-Amorim J, Serafim SC, Jablonka W, Atella GC, - Laboratório de Sinalização Celular - Universidade Federal do Rio de Janeiro

01.006 - THE FLOOD PULSE OF MIDDLE RIO NEGRO BASIN AS AN ENVIRONMENTAL DRIVE FOR THE REPRODUCTION OF ADULT FEMALES OF AMAZONIAN FRESHWATER STINGRAY (POTAMOTRYGON WALLACEI). Morales-Gamba RD, Araújo MLG, Barcellos JFM, Marcon JL, -

Ciências Fisiológicas - UFAM Programa de Pós-Graduação em Zoologia - UFAM Departamento de Engenharia de Pesca e Aquicultura - UFS Departamento de Morfologia - UFAM

3 - Laboratory Animal Science

03.001 - IMPROVED SKELETAL QUALITY AND BONE HEALING IN ALOX5 KNOCKOUT AGED FEMALE MICE. Bigueti CC, Mahamoud R, Custódio IC, Simionato GB, Andreo JC, Oliva AH, Silva ACR, Brotto M, Matsumoto MA, - Departamento de Ciências Básicas - FOA-UNESP Departamento de Ciências da Saúde - USC Departamento de Ciências Biológicas - FOB-USP Bone-Muscle Research Center - UTA

03.002 - AGING OF THE REPRODUCTIVE SYSTEM: MORPHOLOGY AND CITOLOGY IN C57BL/6 FEMALE MICE. Schimdt TCG, Acioli LT, Silva GMF, Perez PLV, Bottino CFS, - Departamento de Ciências Básicas - UFF

03.003 - RECOMBINANT GROWTH FACTORS BMP7 (BONE MORPHOGENETIC PROTEIN 7) AND E PDGF-BB (PLATELET DERIVED GROWTH FACTOR BB) AIMING OSTEOPOROSIS TREATMENT IN OVARIECTOMIZED RATS. Reis TG, Koga BAA, Azzi CM, Sogayar MC, Carreira ACO, - NUCEL- CLÍNICA MÉDICA - USP CIRURGIA - USP BIOTECNOLOGIA - USP

03.004 - EFFECT OF REPEATED STIMULATION OF COLD RECEPTORS - TRPM8 IN BODY MASS IN OB/OB MICE AND OBESE RATS. Armentano GM, Vizin RCL, Carrettiero DC, Almeida MC, - Centro de Ciências Naturais e Humanas - Universidade Federal do ABC

03.005 - APPLICATION OF MACHINE LEARNING TECHNIQUES IN THE ESTROUS CYCLE AND SEXUAL MATURATION OF RATS EXPOSED TO DIFFERENT LIGHTING PATTERNS. Constantino DB, Tonon AC, Xavier NB, Oliveira MAB, Freitas JJ, Rodriguez GA, Silva LF, Idiart M, Hidalgo MP, - Programa de Pós Graduação em Psiquiatria e Ciências do Comportamento - HCPA

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Poster Sessions and Abstracts

4 - Cardiovascular Biology and Diseases

04.001 - HYPEROXIA PROMOTES ANTIOXIDANT ENZYMES ACTIVITY IMBALANCE IN HEART OF BALB/C MICE WITHOUT OXIDATIVE DAMAGE. Silva BL, Santos-Silva MA, Bezerra FS, Lanzetti M, Valença SS, deMoraesSobrinhoPorto LC, Nagato AC, - Departamento de Fisiologia - UFJF Centro de Ciências da Saúde - UFRJ Laboratório de Histocompatibilidade e Criopreservação - UERJ Departamento de Ciências Biológicas - UFOP Centro de Ciências da Saúde - UNI VASSOURAS

04.002 - THE CARDIOVASCULAR EFFECT OF EMPAGLIFLOZIN IN AN EXPERIMENTAL MODEL OF METABOLIC SYNDROME. Cotrin JC, Silva TIP, Souza-Mello V, Barbosa-da-Silva S, - Anatomia - UERJ

04.003 - BRONCHIAL VASCULAR REMODELING IS ATTENUATED BY ANTI-IL17 IN MICE WITH CHRONIC ALLERGIC INFLAMMATION EXACERBATED BY LPS. Camargo LN, Santos TM, Martins MA, Prado CM, Leick EA, Righetti RF, Tibério IFLC, Tibério IFLC, - Ciências Médicas - FMUSP

04.004 - CYSTEINE AND GLYCINE-RICH PROTEIN 3 (CRP3) ABSENCE IMPAIRS FOCAL ADHESION SIGNALING AND FORCE GENERATION IN AORTIC SMOOTH MUSCLE CELLS. Ribeiro-Silva JC, Ferraz MSA, Silva TG, Alencar AM, Ballestrem C, Krieger JE, Miyakawa AA, - Heart Institute, University of Sao Paulo Medical School - FMUSP Physics Institute, University of Sao Paulo - USP The University of Manchester -

04.005 - INDUCTION OF A CELLULAR MODEL OF ENDOTHELIAL DYSFUNCTION BY INHIBITION OF NITRIC OXIDE PRODUCTION. Silva FC, Araújo BJ, Correia MC, Martins IC, Guerra JFC, Araújo TG, Fürstenau CR, - Programa de Pós Graduação em Biotecnologia - UFU Centro de Ciências Naturais e Humanas - UFABC Graduação em Biotecnologia - UFU Programa de Pós Graduação em Ciências Farmacêuticas - UFG

04.006 - MYELOPEROXIDASE AND HDL-C AS CARDIOVASCULAR RISK MARKERS IN PRE-PUBERTAL PRETERM CHILDREN. Schoeps DO,

Holzer S, Suano-Souza FI, Fonseca FLA, Sarni ROS, Hix S, - Bioquímica - FMABC Pediatria - FMABC Laboratório de Análises Clínicas - FMABC

04.007 - IMPAIRMENT IN THE VASCULAR REACTIVITY OF MESENTERIC RESISTANCE ARTERIES BY TIME OF EXPOSURE TO TESTOSTERONE IS REVERSED BY GONADECTOMY. Rouver WN, Delgado NTB, Santos RL, - Department of Physiological Sciences - UFES

04.008 - ANTIHYPERTENSIVE EFFECT OF N-ACYLHYDRAZONIC DERIVATIVES IN SPONTANEOUSLY HYPERTENSIVE RATS. ROCHA BS, daSILVA JS, PEDREIRA JGB, BARREIRO EJ, SUDO RT, ZAPATA-SUDO G, - PROGRAMA DE PESQUISA EM DESENVOLVIMENTO DE FÁRMACOS - UFRJ

04.009 - SEX DIFFERENCES IN PROGESTERONE-INDUCED RELAXATION IN THE CORONARY BED FROM NORMOTENSIVE RATS. Giesen JAS, Rouver WN, Costa ED, Lemos VS, Santos RL, - Department of Physiological Sciences - UFES Department of Physiology and Biophysics - UFMG

04.010 - GPER AGONIST (G-1) RELAXES RESISTANCE MESENTERIC ARTERIES FROM SPONTANEOUSLY HYPERTENSIVE RATS OF BOTH SEX. Delgado NTB, Rouver WN, Santos RL, - Pós-graduação em Ciências Fisiológicas - UFES

5 - Gastrointestinal Biology and Diseases

05.001 - EFFECT OF ANTI-TNFA ON ENTERIC NEURONS AND ENTERIC GLIAL CELLS IN EXPERIMENTAL ULCERATIVE COLITIS. Souza RF, Machado FA, Castelucci P, - Anatomia - ICB

05.002 - EARLY WEANING TRIGGERS TRANSIENT EFFECTS ON TGF BETA AND FGF10 LEVELS IN THE RAT GASTRIC MUCOSA. Silva KM, Rattes IC, Costa AV, Rigonati CAM, Gama P, - Departamento de Biologia Celular e do Desenvolvimento - USP

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Poster Sessions and Abstracts

6 - Endocrine System

06.001 - PLACENTAL MULTIDRUG RESISTANCE TRANSPORTERS EXPRESSION AND OFFSPRING BEHAVIORAL ANALYSES AFTER GESTATIONAL ADMINISTRATION OF THE VIRAL MIMETIC POLY(I:C) IN THE MOUSE. Monteiro VRS, Gomes HR, Reginatto MW, Fontes KN, Andrade CBV, Bloise FF, Império GE, Spiess DA, Junior WR, Stephen M, Bloise E, Pimentel-Coelho PM, Ortiga-Carvalho TM, - Instituto de Biofísica Carlos Chagas Filho - UFRJ Departamento de Morfologia - UFMG Department of Physiology - UofT

06.002 - THE ROLE OF CAMP SIGNALING IN THE ACTIVATION OF HEPATIC GLUCONEOGENESIS INDUCED BY SYMPATHETIC INNERVATION IN THE SETTING OF COLD.. Morgan HJN, Delfino HBP, Silva CLA, Kettelhut IC, Navegantes LCC, - Fisiologia - USP Bioquímica e Imunologia - USP Hemocentro - USP

06.003 - EGG WHITE HYDROLYSATE AS A POSSIBLE THERAPEUTIC AGENT AGAINST THE WHITE ADIPOSE TISSUE DYSFUNCTION IN RATS EXPOSED TO MERCURY. Piagette JT, Rizzetti DA, Corrales P, Gómez MGM, Ocio JAU, Peçanha FM, Miguel M, Wiggers GA, - Cardiovascular Physiology Laboratory, - Universidade Federal do Pampa Metabolic Phenotyped of Animals Experimentation Laboratory - Universidad Rey Juan Carlos Bioactivity and Food Analysis Laboratory - CIAL

06.004 - DIFFERENT FORMS OF ANDROGEN ABLATION CAUSE CHANGE IN MORPHOLOGY AND IN EXTRACELLULAR MARKERS IN THE PROSTATE OF MONGOLIAN GERBILS.. COLLETA SJ, Antoniassi JQ, Vilamaior PSL, Góes RM, TABOGA SR, - Departamento de Biologia - UNESP

06.005 - REDUCED IMMUNOSTAINING OF VAMP-2 IN ISLETS OF ADULT MICE FROM OFFSPRING OF DAMS FED A HIGH FAT DIET DURING PREGNANCY AND LACTATION.. Sales DC, Fontes CC, Zanella AP, CARVALHO CPF, - Departamento de Biociências - Universidade Federal de São Paulo

06.006 - TIME RESTRICTED FEEDING DURING THE RESTING PHASE ALTERS HEPATIC CLOCK IN FEMALE RATS: THE ROLE OF OVARIAN STEROIDS. Cardoso TSR, Horta NAC, Fernandes P, Poletini MO, - Fisiologia e Biofísica - UFMG

7 - Nutrition and Metabolism

07.001 - MATERNAL VITAMIN D DEFICIENCY SELECTIVELY AFFECTS FIBER-II RICH SKELETAL MUSCLE PHENOTYPE IN ADULT OFFSPRING RATS. Reis NG, Gonçalves DAP, Silveira WA, Lautherbach NES, Almeida LF, Assis AP, Zanon NM, Heck LC, Coimbra TM, Kettelhut IC, Navegantes LCC, - Fisiologia - FMRP-USP Bioquímica e Imunologia - FMRP-USP Educação Física - UFMG

07.002 - MATERNAL HIGH-FAT DIET INDUCES SEX-SPECIFIC CHANGES OF TYPE-1 CANNABINOID RECEPTOR (CNR1) EXPRESSION AND BINDING OF SEX HORMONE RECEPTORS IN WHITE ADIPOSE TISSUE OF ADULT RAT OFFSPRING. Almeida MM, Dias-Rocha CP, Gomes CFR, Wang H, Pazos-Moura CC, Cordeiro A, Joss-Moore L, Trevenzoli IH, - Department of Pediatrics - University of Utah Centro de Ciências da Saúde - Universidade Federal do Rio de Janeiro

07.003 - PERINATAL MATERNAL HIGH-FAT DIET UP-REGULATES TYPE-1 CANNABINOID RECEPTOR IN SUBCUTANEOUS WHITE ADIPOSE TISSUE AND DOWN-REGULATES 17B-ESTRADIOL PLASMA ONLY IN ADULT FEMALE OFFSPRING RATS. Reis-Gomes CF, Almeida MM, Dias-Rocha CP, Pazos-Moura CC, Trevenzoli IH, - Instituto de Biofísica Carlos Chagas Filho - UFRJ

07.004 - DIFFERENTIAL EFFECTS OF PPAR-ALPHA ON THE WHITENING OF BROWN ADIPOSE TISSUE IN HIGH-FAT OR HIGH-FRUCTOSE FED MICE. Miranda CS, Silva-veiga FM, Oliveira DAS, Cordeiro BO, Rachid TL, SOUZA-MELLO V, - Programa de Pós-Graduação em Biologia Humana e Experimental - UERJ

07.005 - LINAGLIPTIN INDUCES BROWNING OF SUBCUTANEOUS WHITE ADIPOSE TISSUE AND

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THERMOGENESIS IN HIGH-FAT-FED C57BL/6 MICE. Correia BRO, Rachid TL, Silva AF, Santana ACM, Martins FF, Souza-Mello V, - Anatomia - UERJ

07.006 - MATERNAL HIGH-FAT DIET ALTERS ENDOCANNABINOID AND DOPAMINERGIC SYSTEM COMPONENTS IN THE CENTRAL NERVOUS SYSTEM OF MALE AND FEMALE ADULT RAT OFFSPRING. Dias-Rocha CP, Almeida MM, Costa JCB, Pazos-Moura CC, Trevenzoli IH, - Laboratório de Endocrinologia Molecular - UFRJ

07.007 - PPAR-BETA AGONIST ALLEVIATES HEPATIC ENDOPLASMIC RETICULUM STRESS BY IMPROVING HEPATIC ENERGY METABOLISM IN HIGH-FAT DIET FED MICE. Monteiro IMLV, Veiga FMS, Oliveira L, Glauser JSO, Graus-Nunes F, Souza-Mello V, - Departamento de anatomia - UERJ

07.008 - EFFECT OF FRUCTOSE INTAKE ON SKELETAL MUSCLE OF ADULT MALE OFFSPRING FROM DAMS FED A HIGH-FAT DIET. Woyames J, Souza AFP, Oliveira LS, Caetano BG, Miranda RA, Cordeiro A, Trevenzoli IH, Souza LL, Moura CCP, - Laboratório de Endocrinologia Molecular - UFRJ Laboratório de Fisiologia Endócrina - UERJ

07.009 - COLD EXPOSURE EXACERBATES THE BODY METABOLIC RATES IN CETP EXPRESSING MICE COMPARED TO CONTROLS.. Castelli JZ, Raposo HF, Oliveira HCF, - Departamento de Biologia Estrutural e Funcional - UNICAMP

07.010 - EFFECT OF MATERNAL HIGH FAT DIET ON HEPATIC ENDOCANNABINOID SYSTEM OF NEWBORN RAT OFFSPRING. Fassarella LB, Miranda RA, Almeida MM, Rocha CPD, Moura CCP, Trevenzoli IH, - Laboratório de Endocrinologia Molecular - UFRJ

07.011 - CLONING OF MOUSE ALDOSE REDUCTASE (AKR1B3) IN MAMMALIAN EXPRESSION VECTOR PCINEO TO STUDY HEPATIC GLUCOSE METABOLISM IN INSULIN RESISTANCE. Nascimento-Sales M, Christoffolete MA, - Laboratório de Fisiologia Metabólica - UFABC

07.012 - CAPSICUM BACCATUM VAR. PENDULUM: MODULATION OF DIFFERENT CONDITIONS ASSOCIATED WITH METABOLIC SYNDROME. Leonardi B, Benin T, Gosmann G, Zimmer AR, - Laboratório de Fitoquímica e Síntese Orgânica - Faculdade de Farmácia - UFRGS

07.013 - ASCORBIC ACID SUPPLEMENTATION ACCELERATES SKELETAL MUSCLE RESPONSES TO REFEEDING AFTER FASTING IN FISH. Zanella BTT, Magiore IC, Duran BOS, Valente JS, Salomão RAS, Mareco EA, Paula TG, Dal-Pai-Silva M, - Departamento de Biologia - UNOESTE Departamento de Morfologia - UNESP

07.014 - EFFECTS OF AEROBIC PHYSICAL TRAINING IN LIPID METABOLISM OF RATS FED A HYPERLIPIDIC DIET SINCE POST-WEANING. Correia LA, Pereira RO, Azevedo CEA, Araujo IC, Evangelista FS, Farah V, Fiorino P, - Medicina Translacional - UNIFESP Escola de Artes, Ciências e Humanidades - USP Laboratório de Fisiofarmacologia Metabólica Cardiovascular e Renal - MACKENZIE Medicina Translacional/Laboratório de Fisiofarmacologia Metabólica Cardiovascular e Renal - UNIFESP/MACKENZIE

07.015 - INFLUENCE OF PHENOLIC MICROBIAL FERMENTATION ON THE GROWTH AND SURVIVAL OF YEAST EXPRESSING A-SYNUCLEIN. Prudêncio ER, Pereira MD, Castro RN, Riger CJ, - Departamento de Bioquímica - UFRJ Laboratório de Química Medicinal e Laboratório de Química do Mel (LabMed & LabMel), Departamento de Química Orgânica - UFRRJ Laboratório de Estresse Oxidativo em Microrganismos (LEOM), Departamento de Bioquímica - UFRRJ

07.016 - BRAZIL NUT (BERTHOLLETIA EXCELSA H.B.K.) EFFECT ON WHITE ADIPOSE TISSUE OF MALE WISTAR RATS. Campos JM, Almeida PP, Costa NS, Brito ML, Pereira AD, Cruz BO, Magliano DC, Stockler-Pinto MB, - Departamento de Morfologia - MMO - UFF Departamento de Nutrição e Dietética - MND - UFF

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07.017 - PENTOXIFYLLINE IMPROVED THE INSULIN SENSITIVITY AND THE GLUCOSE TOLERANCE, AND ATTENUATES GLYCOXIDATIVE STRESS IN HIGH-FAT DIET-INDUCED OBESITY IN MICE. Inácio MD, Costa MC, Lima TFO, Figueiredo ID, Assis RP, Brunetti IL, Baviera AM, - Department of Clinical Analysis – UNESP

8 - Renal Biology and Diseases

08.001 - CHRONIC KIDNEY DISEASE IN WISTAR RATS AS A CONSEQUENCE OF ACUTE KIDNEY INJURY (AKI) EVENTS DURING AGING.. Silva RC, Quintas LE, Morcillo LSL, - Farmacologia e Química Medicinal - UFRJ

08.002 - EFFECTS OF ACETAZOLAMIDE IN THE POTASSIUM REABSORPTION IN PROXIMAL TUBULE OF RATS. Silva BS, Castelo-Branco RC, Malnic G, - Fisiologia e Biofísica - USP

08.003 - EFFECTS OF AEROBIC EXERCISE TRAINING ON RENAL EXTRACELLULAR MATRIX ACCUMULATION IN RATS FED A HIGH-FAT DIET SINCE POST-WEANING. Pereira RO, Komoni G, Correia LA, Evangelista FS, Fiorino P, Farah V, - Medicina Translacional - Universidade Federal de São Paulo (UNIFESP) Laboratório de Fisiologia Metabólica Cardiovascular e Renal - Universidade Presbiteriana Mackenzie Escola de Artes, Ciências e Humanidades - EACH - USP Medicina Translacional / Laboratório de Fisiologia Metabólica Cardiovascular e Renal - UNIFESP / Mackenzie

08.004 - DOXYCYCLINE ATTENUATES ISCHEMIA-REPERFUSION-INDUCED RENAL INJURY BY PREVENTING THE PROGRESSION OF ENDOPLASMIC RETICULUM STRESS. Cortes AL, Mello BP, Valença SS, Lindoso RS, Melo PA, Lara LS, - Farmacologia e Química Medicinal - UFRJ Instituto de Biofísica Carlos Chagas Filho - UFRJ

08.005 - SALT-INDUCIBLE KINASE (SIK) AS A PHARMACOLOGICAL TARGET OF SALT-SENSITIVE HYPERTENSION. Gomes DS, Visniauskas B, Prieto MC, Lara LS, - Programa de Pesquisa em Farmacologia e Inflamação - UFRJ Department of

Physiology and Renal Hypertension Center of Excellence - TU

08.006 - CHARACTERIZATION OF THE ACUTE RENAL INJURY MODEL INDUCED BY BOTHROPS JARARACUSSU VENOM. ROMANELLI MA, Silva PAS, Melo PA, LARA LS, - Farmacologia e Química Medicinal – UFRJ

9 - Respiratory Biology and Diseases

09.001 - HYPEROXIA INDUCES ANTIOXIDANT ENZYMES EXPRESSION IN HIPPOCAMPUS OF BALB/C MICE.. Batista BLV, Cunha RS, Aarestrup FM, Aarestrup BJV, Bezerra FS, Nagato AC, - Fisiologia - UFJF Department of Biological Sciences - UFOP

09.002 - THERAPEUTIC POTENTIAL OF G. BRASILIENSIS IN A SMOKING MODEL: MORPHOLOGICAL, PHYSIOLOGICAL AND INFLAMMATORY PROFILES. Possebon L, Costa SS, Souza HR, Pilon MMI, Moreno AH, Oliani SM, Girol AP, - Biociências - UNESP Biociências - UNIFIPA Biociências - UNESP e UNIFIPA

09.003 - EFFECTS OF SIGH DURING MECHANICAL VENTILATION IN HEALTHY WISTAR RATS. Souza ABF, Silva ACL, Matos NA, Cândido LS, Castro TF, Cangussú SD, Bezerra FS, - Departamento de Ciências Biológicas - UFOP

09.004 - ACTION OF PIPERLONGUMINE IN A MODEL OF PULMONARY EXPOSURE TO CARCINOGEN BENZOPYRENE. Ashino TEB, Yoshikawa AH, Iyomasa MM, Possebon L, Costa SS, Silva JM, Girol AP, - Biologia - UNESP Biociências - UNIFIPA

09.005 - HIGH TIDAL VOLUME INDUCES OXIDATIVE STRESS AND PULMONARY INFLAMMATION IN WISTAR RATS SUBMITTED TO MECHANICAL VENTILATION. Cândido LS, Matos NA, Castro TF, Paula LC, Chirico RN, Cangussú SD, Bezerra FS, - Departamento de Ciências Biológicas - UFOP

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10 - Neurobiology

10.001 - PROTEIN LEVELS OF APP IN PLATELETS OF SUBJECTS WITH ALZHEIMER'S DISEASE AND MILD COGNITIVE IMPAIRMENT. Cordeiro AMT, - Laboratório Neurociências - IPQ

10.002 - KETAMINE PROMOTES AGGRESSION AND MEMORY DEFICITS WITHOUT ALTERING LOCOMOTION AND BRAIN ACETYLCHOLINESTERASE ACTIVITY IN ADULT ZEBRAFISH. Marion JC, Michelotti P, Franscescon F, Pereira ME, Rosemberg DB, - Bioquímica e Biologia Molecular - UFSM

10.003 - LOW AND MODERATE INTENSITY EXERCISE ATTENUATES SPINAL CORD INFLAMMATORY AREAS IN A MURINE MODEL OF MULTIPLE SCLEROSIS. Leoni GH, Oliveira ARL, Bernardes D, - Programa de Pós-Graduação em Ciências Biomédicas - Centro Universitário da Fundação Hermínio Ometto. Laboratório de Regeneração Nervosa - LRN - UNICAMP.

10.004 - HISTOQUÍMICA PARA NADPH DIAFORASE E ATIVAÇÃO ASTROCÍTICA NO CÓRTEX VISUAL DE RATOS APÓS INTOXICAÇÃO POR METILMERCÚRIO. Freire MAM, Gomes-Leal W, Lima RR, Pereira A, - Faculdade Nova Esperança de Mossoró - Universidade do Estado do Rio Grande do Norte Instituto de Ciências Biológicas - Universidade Federal do Pará Instituto de Tecnologia - Universidade Federal do Pará

10.005 - THE ROLE OF ASTROCYTES IN DEEP BRAIN STIMULATION FOR PARKINSON'S DISEASE: AN IN VITRO AND IN VIVO APPROACH. Campos ACP, Kikuchi DS, Paschoa AFN, Lassengè B, Kuroki MA, Fonoff ET, Griendling KK, Hamani C, Hernandez MS, Pagano RL, - Division of Neuroscience - Hospital Sírio Libanês Division of Cardiology - Emory University Division of Functional Neurosurgery - University of São Paulo Division of Neurosurgery - Sunnybrook Health Sciences Centre

10.006 - MOLECULAR EVALUATION OF NEUROPROTECTION AFTER TREATMENT OF MICE WITH MICRODOSING LITHIUM AND

SUBMISSION TO ENRICHED ENVIRONMENT. Malerba H, Ruiz A, Buck H, Viel T, - Pharmacology - USP Department of Physiological Sciences - FCMSCSP Laboratory of Biogerontology - USP

10.007 - SENESENCE-ACCELERATED MICE PRESENTED REDUCTION IN LONG-TERM POTENTIATION MARKERS AND NEUROPROTECTIVE MECHANISMS RELATED TO THE A7 NICOTINIC CHOLINERGIC RECEPTOR. Pereira AAR, Abrão GS, Malerba HN, Toricelli M, Buck HS, Viel TA, - Farmacologia - USP Ciências fisiológicas - FCMSCSP

10.008 - NEUROPROTECTIVE EFFECTS OF KININ B2 RECEPTOR IN ORGANOTYPIC HIPPOCAMPAL CULTURES OF MIDDLE-AGED MICE. Toricelli MP, Evangelista SR, Oliveira LR, Viel TA, Buck SH, - Fisiologia - FCMSCSP EACH - USP

10.009 - LOW LITHIUM DOSAGE DECREASED SENESENCE-ASSOCIATED SECRETED PHENOTYPES (SASPS) IN HUMAN IPSCS-DERIVED ASTROCYTES.. Maia J, Chinta S, Rane A, Chamoli M, Andersen JK, Viel T, - Sem departamento - The Buck Institute for Research on Aging Gerontology - USP

10.010 - THE ROLE OF GLIAL CELLS IN ACTIVE AVOIDANCE TEST. Antunes GF, Venetucci F, Kuroki MA, Santos LCT, Campos ACP, Seno MDJ, Oliveira CC, Pagano RL, Martinez RCR, - Division of Neuroscience - Sírio Libanes Hospital

10.011 - VDAC1 INHIBITION PROTECTS SPINAL CORD FROM DEMYELINATION AND RESTORE LOCOMOTOR FUNCTION AFTER INJURY. Morena BC, Correia FF, Paschon V, Santos GB, Cristante AF, Kihara AH, - Núcleo de Cognição e Sistemas Complexos - UFABC Instituto de Ortopedia e Traumatologia - FMUSP

10.012 - PRESENCE OF AN ALPHA-SYNUCLEIN LIKE IN CENTRAL NERVOUS SYSTEM OF A CRUSTACEAN. Santos RR, Gomes CABA, Vitorino LC, Wajsenzon IJ, Silva WAB, Correa CL, Foguel D, Allodi S, - Centro de Ciências da Saúde - PUC Neurobiologia - UFRJ Bioquímica - UFRJ

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10.013 - THE BRAIN-GUT AXIS: ROLE OF THE GUT MICROBIOMA IN THE OUTCOME AND PROGRESSION OF IDIOPATHIC PARKINSON'S DISEASE. AmorimNeto DP, Bosque BP, Meneses DD, Fonseca MC, - LNBio - CNPEM Facultad de Ciencias Químicas y Farmaceuticas - U.de Chile

10.014 - DISEASE-RELATED MUTANT DDX3X INDUCES ITS INTRACELLULAR AGGREGATION AND TOXICITY IN NEUROBLASTOMA CELL LINE. Bosque BP, Oliveira JF, Canateli C, AmorimNeto DP, Prado PFV, Borges AC, Portugal RV, Krepischi ACV, Rosenberg C, Franchini KG, Fonseca MC, - Genetics and Evolutionary Biology - USP LNBio - CNPEM LNNano – CNPEM

11 - Physical Training Responses

11.001 - EFFECT OF PHYSICAL TRAINING DURING CHILDHOOD ON THE MITOCHONDRIAL BIOENERGETICS AND METABOLIC REGULATION OF MALE WISTAR RATS EXPOSED TO MATERNAL LOW PROTEIN DIET. PEDROZA AADS, BERNANRDO EM, PEREIRA AR, FERNANDES MSDS, BRAZ GRF, SILVA SCDA, FERREIRA DJS, LAGRANHA CJ, - Post-Graduate Program in Biochemistry and Physiology - UFPE Laboratory of Exercise Biochemistry and Molecular Biology - UFPE Neuropsychiatry and Behavior Science Graduate Program - UFPE Federal University of Sao Francisco Valley - UNIVASF

11.002 - EFFECT OF MODERATE PHYSICAL TRAINING ON THE OXIDATIVE BALANCE IN THE BRAINSTEM OF YOUNG RATS SUBMITTED TO MATERNAL PROTEIN RESTRICTION. BERNANRDO EM, PEREIRA AR, SILVA SCDA, BRAZ GRF, FERREIRA DJS, PEDROZA AADS, LAGRANHA CJ, - Laboratory of Exercise Biochemistry and Molecular Biology - UFPE Post-Graduate Program in Biochemistry and Physiology - UFPE Neuropsychiatry and Behavior Science Graduate Program - UFPE Federal University of Sao Francisco Valley - UNIVASF

11.003 - CONCURRENT PHYSICAL EXERCISE ASSOCIATED WITH PHOTOBIO-MOBULATION MODULATES INFLAMMATORY INFLOW AND THE NUMBER OF ACTIVE CHONDROCYTES IN

RHEUMATOID ARTHRITIS.. LIMA R, Pedersen M, Brucieri L, Rocha TTS, Almeida AS, Andrade TAM, Esquisatto MAM, Bomfim FRC, Felonato M, - Programa de Pós Graduação em Ciências Biomédicas - FHO

11.004 - MUSCLE OXIDATIVE STRESS IN RHEUMATOID ARTHRITIS: THE INFLUENCE OF EXERCISE AND LASER THERAPY PROTOCOLS. Pedersen M, Lima R, Brucieri L, Rocha TTS, Almeida AS, Andrade TAM, Esquisatto MAM, Bomfim FRC, Felonato M, - Programa de Pós Graduação em Ciências Biomédicas - FHO

11.005 - RESISTANCE TRAINING PREVENTS THE DEVELOPMENT OF PULMONARY ARTERIAL HYPERTENSION IN RATS EXPOSED TO SECONDHAND SMOKE. Moreno ACR, Oliveira TO, Nai GA, Seraphim PM, - Patologia - UNOESTE Fisioterapia - UNESP Educação Física - UNESP

11.006 - EFFECT OF AEROBIC EXERCISE TRAINING ON IMMUNOLOGICAL CELLS PROFILE IN MICE. Machado LAF, Voltarelli VA, Brum PC, - Departamento de biodinâmica do movimento humano - Universidade de São Paulo

11.007 - DIVERSE MITOCHONDRIAL EFFECTS OF HIGH-INTENSITY EXERCISE IN WILD-TYPE AND ALZHEIMER'S DISEASE GENETIC MICE MODEL. Ferrari GD, Dechandt CRP, Alberici LC, - Departamento de Física e Química - FCFRP Departamento de Bioquímica e Imunologia - FMRP

13 - Cell differentiation, growth and death

13.001 - FATTY ACIDS Ω -3 PREVENT NON-ALCOHOLIC STEATOHEPATITIS (NASH) AND STIMULATE ADIPOGENESIS IN MESENQUIMIAL CELLS OF ADIPOSE TISSUE AND ADIPOCYTES 3T3-L1. Antraco VJ, Sá RDCC, Simão JJ, Farias TSM, Cruz MM, Silva VS, Abdala FM, ALONSO-VALE MIC, - Departamento de Ciências Biológicas - Universidade Federal de São Paulo – UNIFESP

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13.002 - AZADIRACHTA INDICA MODULATED INFLAMMATION AND FAVORED TISSUE FORMATION IN WOUND HEALING IN DIABETIC RATS. EUGÊNIO AN, Silva ACC, Torrezan M, Rodrigues AL, Mariano SS, Poletti S, Gaspi FG, Esquisatto MAM, Mendonça FAS, Aro AA, Andrade TAM, SANTOS GMT, - Programa de Pós-Graduação em Ciências Biomédicas - Centro Universitário da Fundação Hermínio Ometto - FHO

13.003 - CLONING OF METACASPASE YCA1 WITH N-TERMINAL DELETION. Prado IRS, Reis TS, Araujo LH, Souza LFLP, Marcondes MF, Machado MFM, - Centro Interdisciplinar de Investigação Bioquímica - UMC Departamento de Biofísica - UNIFESP

13.004 - CLONING OF THE METACASPASE OF PARACOCCIDIODES BRASILIENSIS WITH DELETION OF THE N-TERMINAL PORTION.. Souza LFLP, Santos TR, Machado MFM, Machado MFM, - Centro interdisciplinar de investigação bioquímica - UMC Biofísica - Unifesp

13.005 - OBTAINING OF CANDIDA ALBICANS METACASPASE WITH N-TERMINAL DELETION (TCAMCA). Reis T, Trujilho MNR, Souza LF, Marcondes MF, Machado MFM, - Centro Interdisciplinar de Investigação Bioquímica - UMC Departamento de Biofísica - UNIFESP

13.006 - CELLULAR RESPONSES IN NEUROBLASTOMA CELLS UNDER DIFFERENT CONDITIONS OF STRESS IN VITRO. Cogo SC, Brehm FA, Thomazini MEO, Mondini G, Elifio-Esposito S, - Laboratório Experimental Multiusuário - PUCPR

13.007 - INFLUENCE OF IL-1B AND TNFA ON MOUSE MYOBLAST CELLS TRANSITION BETWEEN PROLIFERATION AND DIFFERENTIATION EVENTS. Alvarez AM, Silva NC, Pereira CO, Chudzinski-Tavassi AM, Teixeira C, Moreira V, - Pharmacology - UNIFESP Centre of Excellence in new Target Discovery - Instituto Butantan Pharmacology Laboratory - Instituto Butantan

13.008 - E-NTPDASES INHIBITION REGULATES PROLIFERATION BY PI3K AND ERK PATHWAY AND MODULATES CELL DEATH OF RAT RETINAL PROGENITORS. Repossi MG, Pereira LA, Velloso JCC, Ullrich H, Ventura ALM, Fragel-Madeira L, - Department of Neurobiology - UFF institute of exact and nature sciences - UNILAB Institute of Chemistry - USP

13.009 - ELECTRICAL STIMULATION THERAPY FOR ENHANCING CALCIUM MATRIX FORMATION: IN VITRO STUDY. Albiazetti GC, Santarosa PC, Melo KM, Mendonça FAS, Caetano GF, - Graduate Program in Biomedical Sciences, University Center of Hermínio Ometto Foundation – FHO|UNIARARAS - FHO

15 - Optical and Mechanical Technologies for Health

15.001 - ATMOSPHERIC PLASMA CONTROL THE INFLAMMATION AND ENHANCED TISSUE FORMATION ON THE REPAIR OF CUTANEOUS BURNS IN DIABETIC RATS. Mariano SS, Silva JIS, Bagne L, Lopes BB, Tavares A, Andrade TAM, - Programa de Pós Graduação em Ciências Biomédicas - Centro Universitário da Fundação Hermínio Ometto

15.002 - ATMOSPHERIC PLASMA IN REPAIR OF EXCISIONAL SKIN LESIONS AT DIABETES-INDUCED RATS. Alves N, Lima ACS, Hummel LH, Mariano SS, Luciano LM, França DR, Adriano LC, Lopes BB, Santos GMT, ANDRADE TAM, - Programa de Pós-graduação em Ciências Biomédicas - Centro Universitário da Fundação Hermínio Ometto (FHO)

15.003 - LOW-LEVEL LASER IRRADIATION AND PLATELET RICH PLASMA DECREASE SYSTEMIC NITRIC OXIDE AND ARTICULAR INDUCIBLE NITRIC OXIDE SYNTHASE EXPRESSION. Gonçalves AB, Bovo JL, Mendes MF, Esquisatto MAM, Bomfim FRC, - Laboratório de Biologia Molecular - FHO-UNIARARAS Programa de Pós-graduação em Ciências Biomédicas - FHO-UNIARARAS

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15.004 - PLATELET RICH PLASMA ASSOCIATED TO LOW-LEVEL LASER THERAPY IMPROVES KNEE JOINT FUNCTION IN AN EXPERIMENTAL MODEL OF ARTHRITIS IN RATS. Bomfim FRC, Gonçalves AB, Esquisatto MAM, Filho GJL, - Laboratório de Biologia Molecular - FHO UNIARARAS Cirurgia - UNIFESP-EPM Programa de Pós-graduação em Ciências Biomédicas - FHO-UNIARARAS

16 - Gene and Cell Therapy, Omics Biology

16.001 - AT1A RECEPTOR SILENCING EFFECT IN MYOBLASTS AND FIBROBLASTS: FUTURE DIRECTIONS TO EXPLAIN MUSCLE FIBROSIS. Bartolomeo CS, Salles SMC, Ivanov GZ, Smaili S, Pereira GJS, Stilhano RS, - Ciências Fisiológicas - FCMSCSP Farmacologia - UNIFESP

16.002 - ENRICHMENT OF CULTURE MEDIUM INCREASES THE PRODUCTION OF DOUBLE-STRANDED RNA (DSRNA) IN THE PROBIOTIC BACILLUS SUBTILIS. Dall'Agno L, Riet JG, Santos KO, CostaFilho J, Marins LFF, - Instituto de Ciências Biológicas - FURG Instituto de Oceanografia - FURG Departamento de Bioquímica - USP

16.003 - NEUTROPHILS ACTIVATED BY THE SNAKE VENOM LECTIN BJLUC INCREASE NEUROBLASTOMA CELLS MIGRATION IN VITRO. Rodrigues BS, Goetten JOLC, Elifio-Esposito S, - Biologia - PUCPR

16.004 - ACTIVATION OF RNA INTERFERENCE (RNAI) MECHANISM OF LITOPENAEUS VANNAMEI SHRIMP BY DSRNAS PRODUCED BY THE PROBIOTIC BACILLUS SUBTILIS: A POTENTIAL TOOL IN THE CONTROL OF VIRUSES IN SHRIMP FARMING. Graminho JR, Dall'Agno L, Santos KO, Filho JC, WasieleskyWJ, Marins LFF, - Instituto de Ciências Biológicas - FURG Instituto de Oceanografia - FURG Departamento de Bioquímica - USP

16.005 - MULTIFUNCTIONAL LIQUID-CRYSTALLINE NANOPARTICLES LOADING TRIPTOLIDE AND TNF- α siRNA TO IMPROVE GENE SILENCING THERAPY: EFFICIENCY IN CUTANEOUS AND CELLULAR DELIVERY IN

VITRO.. Silvestrini AVP, Praça FSG, Bentley MVLB, - Programa de Pós Graduação em Ciências Farmacêuticas da Faculdade de Ciências Farmacêuticas de Ribeirão Preto - USP

17 - Basic & Clinical Pharmacology

17.001 - IMMUNOMODULATORY ACTIVITIES FROM LEAVES EXTRACTS OF ANNONA MURICATA LINN. IN NEUTROPHILS AND MACROPHAGES. Saraiva AL, Justino AB, Franco RR, Silva HCG, Espindola FS, - Institute of Biotechnology - UFU

17.002 - PHOTOPROTECTIVE EFFECT OF THE BELLIS PERENNIS EXTRACT IN HUMAN KERATINOCYTES. Carvalho VMS, Covre JL, Lice I, Gil CD, - Morfologia e Genética - UNIFESP

17.003 - CYTOTOXICITY OF EXTRACTS FROM LEAVES OF CASEARIA SYLVESTRIS AND THEIR MEDICAL POTENTIAL. Ambrosio FN, Lombello CB, Silva FD, - Centro de Ciências Naturais e Humanas - UFABC Centro de Engenharia, Modelagem e Ciências Sociais Aplicadas - UFABC

17.004 - NEW DPP-4 INHIBITOR ATTENUATES METABOLIC DISTURBANCE AND IMPROVES CARDIOVASCULAR FUNCTION IN ZUCKER DIABETIC FATTY RATS. Montagnoli TL, Costa GC, Alencar AKN, DaSilva JS, Silva MMC, Alves BEO, Gamba LER, Lima LM, Barreiro EJ, Sudo RT, Zapata-Sudo G, - Programa de Pós-graduação em Farmacologia e Química Medicinal - UFRJ Programa de Pós-graduação em Cardiologia - UFRJ Programa de Pesquisa em Desenvolvimento de Fármacos - UFRJ

17.005 - CLONING, EXPRESSION AND PURIFICATION OF CRK3 CYCLIN-DEPENDENT KINASE OF LEISHMANIA MAJOR.. Paula ALM, Siqueira FS, Oliveira VC, Judice WAS, - Centro Interdisciplinar de Investigação Bioquímica - UMC

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18 - Neuropsychopharmacology

18.001 - REPEATED ADMINISTRATION OF A SELENIUM-CONTAINING COMPOUND REVERSES LONG-TERM ALTERATIONS INDUCED BY LIPOPOLYSACCHARIDE IN MICE. Lourenço DA, Casaril AM, Domingues M, Bampi SR, Savegnago L, - Centro de Desenvolvimento Tecnológico - UFPel Mainz Research School of Translational Biomedicine - JGU

18.002 - EFFECTS OF REPEATED KETAMINE EXPOSURE ON BEHAVIOR, ACETYLCHOLINESTERASE ACTIVITY AND CORTISOL IN ADULT ZEBRAFISH. Michelotti P, Marion JC, Franscescon F, Rosemberg DB, Pereira ME, - Departamento de Bioquímica e Biologia Molecular - Universidade Federal de Santa Maria (UFSM)

18.003 - REDUCTION IN LONG-TERM POTENTIATION (LTM) AND INCREASE IN A2A RECEPTORS IN THE BLOOD OF OLD RATS AND DOGS ARE LINKED TO COGNITIVE DECLINE: A TRANSLATIONAL STUDY. Abrão GS, Pereira AAR, Toricelli M, Buck HS, Viel T A, - Farmacologia - USP

18.004 - THE ROLE OF LOCUS COERULEUS IN THE SPATIAL MEMORY IN A 6-OHDA ANIMAL MODEL OF PARKINSON'S DISEASE.. Bustelli IB, Nunes TA, Oliveira LM, CaetanoAL, - Departamento de Ciências Fisiológicas - FCMSCSP Instituto de Ciências Biomédicas - USP

18.005 - ASSESSMENT OF OLIGOPEPTIDASES ACTIVITY IN BLOOD AND BRAIN OF ANIMAL MODEL FOR SCHIZOPHRENIA AIMING TO EVALUATE THE VALUE OF PERIPHERAL MEASUREMENTS PERFORMED IN CLINICS. NANI JV, Yonamine CM, Mari JJ, HAYASHI MAF, - Farmacologia - UNIFESP Psiquiatria - UNIFESP

19 - Toxicology

19.001 - ACUTE TOXICITY OF 2-CHLORINE-N-ARYLACETAMID DERIVATIVES IN MICE. AMORIM VR, Machado KC, Almeida AAC, Silva JN, Machado KC, Lavoratob SN, AlvESC RJ, FERREIRA

PMP, - Department of Biophysics and Physiology - UFPI Pos graduação em biotecnologia - UFPI Pos graduação em Ciências Farmacêuticas - UFPI DEPARTAMENTO DE FARMACOLOGIA - UFMG DEPARTAMENTO DE FARMACOLOGIA - UFOB

19.002 - EVALUATION OF THE TOXICITY OF THE ESSENTIAL OILS OF OCIMUM GRATISSIMUM AND CYMBOPOGON NARDUS WITH POTENTIAL PULICIDAL ACTION IN EUKARYOTIC STUDY MODEL. Osorio RP, Grillo DCN, Chaves DSA, Souza MA, Santos JVB, Cid YP, Riger CJ, - Bioquímica - UFRRJ Ciências farmacêuticas - UFRRJ

19.003 - ANALYSIS OF THE EFFECTS OF LONG-TERM EXPOSURE TO ALUMINUM HYDROXIDE IN BALB/C MICE. Castro TF, Kozima ET, Souza ABF, Matos NA, Bezerra FS, - Department of Biological Sciences - UFOP

19.004 - THE TICK AMBLYOMMA SCULPTUM CRUDE SALIVA PROMOTES APOPTOSIS IN CASPASE 8-DEFICIENT-NEUROBLASTOMA CELLS. Nascimento TGFC, Júnior NF, Cavalheiro VL, Micheau O, Simons SM, Esposito SE, - Programa de Pós-Graduação em Ciências da Saúde - PUCPR Escola de Ciências da Vida - PUCPR Parasitologia - Instituto Butantan INSERM - UB

19.005 - EVALUATION OF REPRODUCTIVE PARAMETERS OF FEMALE RATS TREATED WITH SULFASALAZINE DURING GESTATION AND LACTATION. Forcato S, Aquino ABO, Olanda LCN, Kiss ACI, Gerardin DCC, - Ciências Fisiológicas - UEL Fisiologia - UNESP-BOTUCATU

19.006 - CLINICAL AND EPIDEMIOLOGICAL ASPECTS OF SCORPIONISM IN GOVERNADOR VALADARES AND ITS REGION FROM 2007 TO 2016. Ramiro LC, Alves LRM, Silva JGBPCP, Macedo LR, DeMatos IM, - Departamento de Ciências Básicas da Vida - Universidade Federal de Juiz de Fora - Campus Governador Valadares Departamento de Medicina - Universidade Federal de Juiz de Fora - Campus Governador Valadares Departamento de Economia - Universidade Federal de Juiz de Fora - Campus Governador Valadares

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19.007 - REPRODUCTIVE PARAMETERS OF MALE RATS EXPOSED TO SAS IN UTERO AND DURING LACTATION.. Bilibio JO, Ferreira SF, Borges LI, Gerardin DCC, - Ciências Fisiológicas - UEL

19.008 - TREATMENT WITH TOPIRAMATE DURING ADOLESCENCE: LATE REPERCUSSION ON THE REPRODUCTIVE ASPECTS OF MALE RATS.. BORGES LI, Vidigal CB, Moura KF, Pereira MJD, Ceravolo GS, Franco MCP, Gerardin DCC, - Departamento de Ciências Fisiológicas - UEL
Departamento de Nefrologia - UNIFESP

19.009 - EVALUATION OF ANTIFUNGAL ACTIVITY OF OIL AND PROTEIN FRACTION FROM MORINGA OLEIFERA SEEDS AGAINST TRICOPHYTON TONSURANS. GUEDES CCDS, OLIVEIRA APSD, BUONAFINA MDS, ROCHA SKLD, SILVA SPD, COELHO LCB, NEVES RP, NAVARRO DMDAF, NAPOLEÃO TH, PAIVA PMG, - BIOQUIMICA – UFPE

20 - Pain and Inflammation

20.001 - EXPERIENCING EARLY LIFE MATERNAL SEPARATION INCREASES PAIN SENSITIVITY IN ADULT OFFSPRING. Vieira JS, Silva ML, Giusti-Paiva A, Vilela FC, - Fisiologia Translacional - UNIFAL-MG

20.002 - HIGH-INTENSITY DOWNHILL RUNNING EXERCISE INDUCES CHANGES ON NOCICEPTIVE THRESHOLD AND MECHANICAL MUSCLE HYPERALGESIA THAT IS PREVENTED BY NICOTINAMIDE RIBOSIDE SUPPLEMENT: PRELIMINARY RESULTS. Azambuja G, Crisol B, Barbosa LWT, Ropelle ER, Fusaro MCGO, - LABEDI - UNICAMP LABMEX - UNICAMP

20.003 - DEPLETION OF MUSCLE MACROPHAGES AND PHYSICAL EXERCISES PREVENT THE TRANSITION OF ACUTE TO CHRONIC MUSCLE PAIN. Gomes BB, Azambuja G, Jorge CO, Rodrigues HL, Oliveira-Fusaro MCG, - Laboratory of Pain and Inflammation Research - UNICAMP

20.004 - EFFECT OF TDCS TREATMENT ON PERSISTENT PAIN AND NERVE REGENERATION IN NEUROPATHIC RATS. Jerônimo R, Paschoa AF,

Lima GL, Campos ACP, Brunoni AR, Pagano RosanaL, - Division of Neuroscience - HOSPITAL SÍRIO-LIBANÊS School of Medicine - University of São Paulo

20.005 - P2X3 RECEPTORS OF SPINAL CORD DORSAL HORN ARE INVOLVED IN TRANSITION OF ACUTE TO CHRONIC MUSCLE PAIN. Jorge CO, Azambuja G, Gomes BB, Rodrigues HL, Oliveira-Fusaro MCG, - Laboratory of Pain and Inflammation Research (LABEDI) - UNICAMP

20.006 - BIOLOGICAL EFFECT OF ANNEXIN A1-DERIVED TETRAPEPTIDE, ANXA19-12, IN AN EXPERIMENTAL MODEL OF ACUTE PERITONITIS. Lice I, Sanches JM, Correia-Silva RD, Icimoto MY, Moreira V, Gil CD, - Morfologia e Genética - UNIFESP

20.007 - STEPHALAGINE, A DERIVED APORPHINE ALKALOID, INDUCES ANTINOCICEPTIVE EFFECTS BY TRPA1 AND TRPV1 CHANNELS MODULATION IN MICE. Justino AB, Neves TV, Brum ES, Saraiva AL, Oliveira SM, Pivatto M, Espindola FS, Silva CR, - Instituto de Biotecnologia - UFU
Departamento de Bioquímica e Biologia Molecular - UFSM Instituto de Química - UFU

20.008 - LEVELS OF CUTANEOUS GALECTIN-9 ARE DOWNREGULATED BY DEXAMETHASONE TREATMENT IN ATOPIC DERMATITIS. Areias LL, Corrêa MP, Gil CD, - Morfologia e Genética - UNIFESP Departamento de Biociências - UNESP

22 - Cancer Signaling and Therapeutics

22.001 - BOTRYOSPHERAN DECREASES THE WALKER-256 TUMOR DEVELOPMENT AND THE CANCER CACHEXIA SYNDROME IN WISTAR RATS. Martins KO, Geraldelli D, Ribeiro MC, Medeiros TC, Oliveira MF, Oliveira GA, Dekker RF, Barbosa-Dekker AM, Alegranci P, Queiroz EAF, - Instituto de Ciências da Saúde - UFMT Programa de Pós-graduação em Ciências em Saúde - PPGCS - UFMT Departamento de Química - UEL
Programa de Pós-Graduação em Engenharia Ambiental (PPGEA) - UTFPR

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22.002 - PEPTIDE FROM POU DOMAIN OF TRANSCRIPTION FACTOR BRN2 IS INTERNALIZED AND INHIBITS CELL MIGRATION AND INVASION OF MURINE MELANOMA B16F10-NEX2. Cesar MCM, Souza VS, Paschoalin T, Mortara RA, Travassos LR, Arruda DC, - Núcleo Integrado de Biotecnologia - UMC Departamento de Microbiologia, Imunologia e Parasitologia - UNIFESP Unidade de Oncologia Experimental - UNIFESP Departamento de Biofísica - UNIFESP

22.003 - CELL CYCLE INTERFERENCE BY C15D PEPTIDE DERIVED FROM THE BRN2 TRANSCRIPTION FACTOR IN MURINE MELANOMA CELLS. Anastácio JM, Cunha FFM, Costa CA, Rodrigues T, Travassos LR, Arruda DC, - Núcleo Integrado de Biotecnologia - UMC Centro Interdisciplinar de Investigação Bioquímica - UMC Centro de Ciências Naturais e Humanas - UFABC Unidade de Oncologia Experimental - UNIFESP

22.004 - ASTAXANTHIN INDUCES AUTOPHAGY BY INCREASING INTRACELLULAR H₂O₂ LEVELS IN B16F10-NEX2 MELANOMA CELLS AND EXHIBITS ANTITUMOR ACTIVITY IN VIVO.. Cunha FFM, Tonon AP, Travassos LR, Machado FC, Azevedo RA, Gadelha FR, Miguel DC, Grazzia N, Arruda DC, - NIB - Universidade de Mogi das Cruzes Instituto de Química - USP Instituto de Biologia - Unicamp Unidade de oncologia experimental - Unifesp

22.005 - ANTITUMOR EVALUATION IN VITRO OF NAPHTHOQUINONES MANNICH BASES FOR POSSIBLE TREATMENT OF OSCC. Souza MP, Forezi LSM, Wermelinger GF, Ferreira VF, Silva FC, Robbs BK, - Departamento de Ciências Básicas - UFF

22.006 - THERAPEUTIC ACTIVITY OF THE DICHLOROMETHANE FRACTION OF THE PIPER CERNUUM PLANT IN MICE WITH ORAL SQUAMOUS CELL CARCINOMA. Silva RC, Queiroz LN, Wermelinger GF, Macedo AL, Marinho RFN, Moreira DL, Valverde AL, Robbs BK, Robbs BK, - Departamento de Ciências Básicas - UFF Departamento de Química orgânica - UFF Departamento de Produtos Naturais - Fundação Oswaldo Cruz

22.007 - EVALUATION OF THE EFFECTS OF THE CAROTENOID FUcoxanthin ON LAMININ IN HUMAN GLIOBLASTOMA MULTIFORME CELLS. Krüger JV, Marques NF, Nedel CB, - Departamento de Biologia Celular, Embriologia e Genética - UFSC Departamento de Bioquímica - UFSC

22.008 - GLYPICAN-1 IN HUMAN GLIOBLASTOMA: IMPLICATIONS IN TUMORIGENESES AND CHEMOTHERAPY. Listik E, Toma L, - Departamento de Bioquímica - Universidade Federal de São Paulo

22.009 - CHARACTERIZATION OF THE ANTITUMOR ACTIVITY OF THE PIPER CERNUUM SPECIES IN ORAL SQUAMOUS CELL CARCINOMA CELLS (OSCC). Machado TQ, Fonseca ACC, Macedo AL, Marinho RFN, Moreira DL, Valverde AL, Robbs BK, - Departamento de Ciências Básicas - Universidade Federal Fluminense

22.010 - ANALYSIS OF THE SELECTIVITY AND CYTOTOXICITY OF PIPER CABRALLANUM CHROMATOGRAPHIC FRACTIONS IN ORAL SQUAMOUS CELL CARCINOMA (OSCC). Wermelinger GF, Macedo AL, Moreira DL, Valverde AL, RobbsBK, RobbsBK, RobbsBK, - Departamento de Ciências Básicas - UFF Departamento de Química Orgânica - UFF Departamento de Produtos Naturais - Fiocruz

22.011 - CYTOTOXICITY AND SELECTIVITY OF THE EQUISETUM HYEMALE EXTRACT IN ORAL SQUAMOUS CELL CARCINOMA.. Queiroz LN, Silva DPD, Pereira MTM, Pascoal ACRF, Robbs BK, - Departamento de Ciências Básicas - UFF

22.012 - CYTOTOXIC POTENTIAL OF SYNTHETIC COMPOUNDS OF NAPHTHOQUINONES WITH ACRIDINE NUCLEUS IN ORAL SQUAMOUS CELL CARCINOME (OSCC). Ouverney G, Zorzanelli BC, Fonseca ACC, Silva FC, Ferreira VF, Robbs BK, - Departamento de Ciências Básicas - UFF Departamento de Química Orgânica - UFF

22.013 - EVALUATION OF THE ANTITUMOR ROLE OF ISOLATED COMPOUNDS FROM PIPER RIVINOIDES FOR A POSSIBLE TREATMENT OF ORAL SQUAMOUS CELL CARCINOMA. Ribeiro

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AV, Fonseca ACC, Marques AM, Moreira DL, Robbs BK, - Departamento de Ciências Básicas - UFF Programa de Pós-Graduação Stricto Sensu em Odontologia - UFF Departamento de Produtos Naturais – Fiocruz

23 - Regenerative Medicine and Developmental Biology

23.001 - NOVEL ROLE OF THE DROSOPHILA ROUGHEST CELL ADHESION PROTEIN IN MODULATING OVARIAN CONTRACTION ACTIVITY AND EGG CHAMBER MORPHOLOGY. Valer FB, Silva-Junior RMP, Spegiorim GC, Ramos RGP, - Dept Biologia Celular e Molecular - USP Dept Clínica Médica - USP

23.002 - DEVELOPMENT AND EFFICACY OF PLGA MICROPARTICLES CONTAINING CROTAMINE IN WOUND HEALING THERAPY. Pimentel VE, Gomes ABSP, Rodrigues TFS, Santana DS, Genari MC, Alfândega AAA, Aro AA, Caetano GF, Esquisatto MAM, Andrade TAM, Mazzi MV, - Protein and Peptide Characterization Laboratory - University Center of Hermínio Ometto Foundation (FHO)

23.003 - EVALUATION OF THE BIOACTIVITY OF A BORATE-BASED BIOGLASS DEVELOPED WITH DIFFERENT CONCENTRATIONS OF PHOSPHORUS PENTOXIDE IN BONE REGENERATION. Almeida GHDR, Sousa BM, Gavazzoni A, Giroto C, Portes P, Sato F, Pedrochi F, Hernandez L, - Department of Morphological Sciences - State University of Maringá Department of Odontology - State University of Maringá Department of Physics - State University of Maringá Department of Clinical Analysis - State University of Maringá Department of Physics - Federal University of Maranhão

23.004 - TRIB3 EXPRESSION AND TISSUE LOCALIZATION IN SKELETAL MUSCLE UNDER REGENERATION AND MYOGENESIS. Sougey WWD, Silvestre JG, Moriscot AS, - Anatomia - Universidade de São Paulo- USP

23.005 - THE USE OF HEPATIC ACELLULAR SCAFFOLD IN A RAT LIVER TRANSPLANTATION MODEL. Dias ML, Batista CMP, Cerqueira A, Secomandi VJK, Pinheiro LA, Goldenberg RCS, - Instituto de Biofísica Carlos Chagas Filho - UFRJ Hospital Universitário Clementino Fraga Filho - HUCFF

23.006 - THE INFLUENCE OF NATURAL RUBBER LATEX MEMBRANES WITH BIOTRANSFORMED SOYBEAN EXTRACT AND HYDROXYAPATITE ON THE GROWTH AND DIFFERENTIATION OF OSTEOBLASTS PRIMARY CULTURES. Torqueti AMR, Herculano RD, Faria AN, - Itajubá University Center - FEPI Biotechnology and Bioprocesses Dep., - UNESP Pharmaceutical Sciences - USP

23.007 - ROLE OF MIR-101A IN SKELETAL MUSCLE. Bento MR, Ribeiro FS, Silva WJ, MoriscotAS, - Anatomy - USP

23.008 - BIOCELLULOSE MEMBRANE INCORPORATED WITH NANOSILVER PARTICULES STIMULATED ANGIOGENESIS AND COLLAGENESIS ON CUTANEOUS WOUND HEALING IN AN ANIMAL MODEL. Alves MTO, Munhoz LLS, Nascimento MGOF, Alves BC, Sábio RM, Barud HS, Bagnato VS, Andrade TAM, Aro AA, Caetano GF, - Graduate Program of Biotechnology in Regenerative Medicine and Medicinal Chemistry of the University of Araraquara (UNIARA), Araraquara, São Paulo, Br - UNIARA Graduate Program in Biomedical Sciences, University Center of Hermínio Ometto Foundation – FHO|UNIARARAS, Araras, São Paulo, Brazil. - FHO Institute of Physics of São Carlos (IFSC), University of São Paulo, São Carlos, São Paulo, Brazil. - USP

23.009 - ANTI-INFLAMMATORY RESPONSE OF BIOCELLULOSE MEMBRANE INCORPORATED WITH SILVER ON CUTANEOUS WOUND HEALING IN ANIMAL MODEL. Alves BC, Munhoz LLS, Nascimento MGOF, Alves MTO, Sábio RM, Barud HS, Bagnato VS, Andrade TAM, Caetano GF, - Graduate Program in Biomedical Sciences, University Center of Hermínio Ometto Foundation – FHO|UNIARARAS, Araras, São Paulo, Brazil. - FHO Institute of Physics of São

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Carlos (IFSC), University of São Paulo, São Carlos, São Paulo, Brazil. - USP- São Carlos Graduate Program of Biotechnology in Regenerative Medicine and Medicinal Chemistry of the University of Araraquara (UNIARA), Araraquara, São Paulo, Br - UNIARA

23.010 - TREATED DENTIN FOR USE AS SCAFFOLD FOR STEM CELLS FROM HUMAN EXFOLIATED DECIDUOUS TEETH. Ferraraz DC, Lombello CB, Valle MD, Long SM, Ana PA, - Centro de Ciências Naturais e Humanas - UFABC Centro de Engenharia, Modelagem e Ciências Sociais Aplicadas - UFABC Odontologia - UMESP

23.011 - BACTERIAL CELLULOSE HYDROGEL INCORPORATED WITH MONTMORILLONITE IMPROVED TISSUE REPAIR AFTER PRESSURE INJURY MODEL. Menegasso JF, Costa FV, Rabelo BD, Felipetti FA, Antonio RV, Dutra RC, - Department of Health Sciences (DCS) - UFSC Special Coordination of Physics, Chemistry and Mathematics (FQM) - UFSC

23.012 - THE INTERGENIC REGIONS BETWEEN THE DEVELOPMENTAL GENES KIAA0586, DACT1, AND DAAM1 CONTAIN SEVERAL CONSERVED NON-CODING ELEMENTS (CNES) WITH POTENTIAL REGULATORY ACTIVITY. Veiga FC, Janousek RG, Fontoura MA, Alvares LE, - Departamento de Bioquímica e Biologia Tecidual - UNICAMP Laboratório Nacional de Bociências - CNPEM

23.013 - FIBROBLASTS MIGRATION IN VITRO IS STIMULATED BY THE ELECTRICAL CURRENT APPLICATION. Silva DFD, Fujii LO, Chiarotti GB, Oliveira CA, Adrade TAM, Oliveira ALR, MEsquissatto MA, Mendonça FAS, Santos GMT, Aro AA, - Centro Universitário da Fundação Hermínio Ometto/FHO - Programa de Mestrado em Ciências Biomédicas - FHO/UNIARARAS

23.014 - GESTATIONAL EFFECTS OF GLYPHOSATE ADMINISTRATION IN MICE. Souza MOB, Júnior VAP, ZAVAN B, - Departamento de Biologia Celular e do Desenvolvimento - UNIFAL-MG

23.015 - WIDESPREAD TRANSCRIPTION REGULATION OF TLL IN THE SEGMENTATION CASCADE OF DROSOPHILA.. Silva IR, Masuda LH, Gueller GC, Machado-Lima A, Andrioli LP, - Laboratório de Genética do Desenvolvimento - USP Laboratório de Bioinformática - USP

23.016 - THE USE OF POLYCAPROLACTONE/HYDROXYAPATITE INTERCONNECTED POROUS SCAFFOLDS AS A BONE SUBSTITUTE AND ELECTRICAL STIMULATION THERAPY FOR BONE REGENERATION: EXPERIMENTAL STUDY. Helaehil LV, Helaehil JV, Lourenço CB, Camargo IX, Nalesso PRL, Huang B, Bartolo PJS, Santamaria-Junior M, Mendonça FAS, Caetano GF, - Manchester Biomanufacturing Centre, School of Mechanical, Aerospace and Civil Engineering, University of Manchester - UM Graduate Program of Orthodontics, University Center of Hermínio Ometto Foundation – FHO|UNIARARAS - FHO Graduate Program in Biomedical Sciences, University Center of Hermínio Ometto Foundation – FHO|UNIARARAS - FHO

23.017 - PCL/B-TCP INTERCONNECTED POROUS SCAFFOLDS AND ELECTRICAL STIMULATION THERAPY AS A TREATMENT FOR CRITICAL-SIZED BONE DEFECTS IN AN ANIMAL MODEL: HISTOMORPHOMETRIC EVALUATION. Helaehil JV, Helaehil LV, Lourenço CB, Camargo IX, Pulz RB, Huang B, Bártoolo PJS, Mendonça FAS, Júnior MS, Caetano GF, - Graduate Program of Orthodontics, University Center of Hermínio Ometto Foundation – FHO|UNIARARAS - FHO Graduate Program in Biomedical Sciences, University Center of Hermínio Ometto Foundation – FHO|UNIARARAS - FHO Manchester Biomanufacturing Centre, School of Mechanical, Aerospace and Civil Engineering, University of Manchester, Manchester, United Kingdom - UM

23.018 - THE USE OF ELECTROCONDUCTIVE CARBON NANOTUBES INTERCONNECTED POROUS SCAFFOLDS AND ELECTRICAL STIMULATION THERAPY FOR BONE REGENERATION: HISTOMORPHOMETRIC EVALUATION IN AN ANIMAL MODEL. Silva EP,

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23.019 - EARLY LESIONS OF ACUTE RENAL ISCHEMIA AND REPERFUSION INJURY: EFFECTS OF EXTRACELLULAR VESICLES SECRETED BY MESENCHYMAL CELLS. Lopes JA, Nossar LF, Sarmento GC, Collino F, Lindoso RS, Vieyra A, - Carlos Chagas Filho Institute of Biophysics - UFRJ

23.020 - DACT1 IS EXPRESSED DURING SKELETAL MUSCLE MYOGENESIS AND MODULATED IN HUMAN MUSCULAR PATHOLOGIES. Contriciani RE, Veiga FC, Castelucci BG, Alvares LE, - Departamento de Bioquímica e Biologia Tecidual - UNICAMP

23.021 - TOPICAL TREATMENT OF BIOCELLULOSE GEL WITH ALGINATE ON WOUND HEALING IN RATS. Nogueira JR, Mariano SS, Adriano LC, Santos GMT, Caetano GF, Barud HS, Sábio RM, Carbinatto FM, Bagnato VS, Andrade TAM, - Graduate Program of Biomedical Sciences - FHO University of Araraquara - UNIARA Seven Industry of Biotech Products Ltda - Seven Physics Institute of Sao Carlos - USP-IFSC

23.022 - DEVELOPMENT OF BIOCOMPATIBLE BIOINKS FOR 3D BIOPRINTING OF NEURAL TISSUE. Melo BAG, Rodrigues S, Porcionatto MA, - Departamento de Bioquímica - UNIFESP

23.023 - INFECTION OF HUMAN MUSCLE CELLS BY ZIKA VIRUS: ROLE OF LAMININ ISOFORMS AND THEIR RECEPTORS. GONZALEZ MN, ROCHA CDS, REIS RF, SAVINO W, Cruz DM, INGRIEDERER, - Laboratório de Pesquisa sobre Timo - Fiocruz

23.024 - MACROPHAGE-MYOBLAST INTERPLAY AS THERAPY FOR SKELETAL MUSCLE

REGENERATION. Reis RF, Jurberg AD, Savino W, Habib DCB, Riederer I, Cotta-de-Almeida Vinicius, - Laboratório de Pesquisas Sobre o Timo - Fundação Oswaldo Cruz

23.025 - EVALUATION OF LAMININ-DERIVED PEPTIDES IN SURVIVAL, MIGRATION, PROLIFERATION, AND FUSION OF MUSCULAR CELLS: APPLICATION IN THERAPIES FOR MUSCULAR DYSTROPHIES.. Horita SIM, Beghini DG, Riederer I, Henriques-Pons A, - Laboratório de Inovações em Terapias, Ensino e Bioprodutos - Fiocruz Laboratório de Pesquisa sobre o Timo - Fiocruz

23.026 - DEVELOPMENT OF TOOLS TO LABEL AND IMAGE PROLIFERATIVE CELLS AND NEURONS USING X-RAY IMAGING TECHNIQUES WITH SYNCHROTRON RADIATION. Vidal ISAB, Morão PP, Dias CSB, Pérez CA, Andrade HC, - Brazilian Biosciences National Laboratory - CNPEM Brazilian Synchrotron Light Laboratory - CNPEM

24 - Vision and Ophthalmology

24.001 - GENETIC CHARACTERIZATION AND ESTIMATES OF THE SPECTRAL ABSORPTION PEAKS OF THE VISUAL PHOTOPIGMENTS OF THE RED EAR TURTLE (TRACHEMYS SCRIPTA ELEGANS) (TESTUDINE, EMYDIDAE).. Corredor VH, Hauzman E, Ventura DF, - Departamento de Psicologia Experimental - USP

24.002 - LIPOPLEX FUNCTIONALIZATION WITH HYALURONIC ACID FOR AN EFFICIENT IN VIVO DELIVERY OF SIRNA TO THE RETINA. Ribeiro MCS, Miranda MC, Andrade GF, Gomes DA, Charrueau C, Escriou V, Silva-Cunha A, - Produtos Farmacêuticos - UFMG Bioquímica e Imunologia - UFMG Unité de Technologies Chimiques et Biologiques pour la Santé - UNIVERSITÉ PARIS DESCARTES Centro de Desenvolvimento da Tecnologia Nuclear - UFMG

24.003 - SWS1 OPSIN GENE DUPLICATION CONFERS SENSITIVITY TO UV AND VIOLET LIGHT IN THE AQUATIC COLUBRID SNAKE HELICOPS MODESTUS. Hauzman E, Bhattacharyya N,

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24.004 - ALTERATION OF CANNABINOID RECEPTORS AND MICROGLIA THROUGH THE DEVELOPMENT OF THE RETINA IN A MURINE MODEL OF RETINITIS PIGMENTOSA. Senos DL, Fragel-Madeira L, - Neurobiologia - Universidade Federal Fluminense

24.005 - EFFECT OF NEAR-INFRARED LIGHT THERAPY USING AN ALTERNATIVE METHOD IN ASSOCIATION WITH RETINA DEGENERATION BY LIGHT-STRESS MODEL.. Dourado LFN, Alves AP, Paiva MRB, Ajero U, Siqueira RC, Silva-Cunha A, - Pharmaceutical Products - Federal University of Minas Gerais Physics - Federal University of Minas Gerais Ophthalmology - Padre Albino University Center

24.006 - BLOCKADE OF FAAH ENZYME INDUCED NEUROPROTECTION IN A MURINE MODEL OF RETINITIS PIGMENTOSA. Magalhães CF, Fragel-Madeira L, - Neurobiologia - Universidade Federal Fluminense

25 - Education, Science History and Philosophy, Science Communication

25.001 - DEVELOPMENT OF SKILLS IN PHYSIOLOGY LEARNING: STUDENTS' PERCEPTION OF THE PHARMACY COURSE OF A FEDERAL UNIVERSITY. Guimarães AF, Martins CS, Nunes AGP, Porowski M, Gutierrez LLP, - DCBS - UFCSPA

25.002 - A WORKSHOP AND A AND ROUND OF CONVERSATION ON SLEEP PHYSIOLOGY: EDUCATION AND SCIENTIFIC DISSEMINATION WITH CAREGIVERS OF PERSONS WITH DISABILITIES. Martins C, Saraiva AC, Silva CPL, Vargas GRT, Souza LL, Barschak AG, GUTIERREZ LLP, - DCBS - Universidade Federal de Ciências da Saúde de Porto Alegre

25.003 - THE EPITHELIAL DOMINO AS DIDATIC RESOURCE TO PROMOTE HISTOLOGY GAME-BASED LEARNING.. Lippi BK, Iar CSM, Santos

MM, Negreiros NGS, Lellis-SantosC, - Departamento de Ciências Biológicas - UNIFESP

25.004 - THE USE OF EDUCATIONAL EQUIPMENT FOR REVIEWING PRINCIPLES OF CARDIOVASCULAR PHYSIOLOGY IN EXERCISE PHYSIOLOGY CLASSES: A DIALECTICAL APPROACH. Oliveira DS, Carrascoza LS, Brito LC, Almeida N, Marques MS, Alves LS, Brum PC, - Biodinâmica do Movimento Humano - USP Reumatologia - USP

25.005 - PROMOTING EMOTIONAL ENGAGEMENT IN CELL PHYSIOLOGY LECTURES. Machado DS, Silva RAL, LELLIS-SANTOS C, - Departamento de Ciências Biológicas - UNIFESP

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Poster Sessions and Abstracts

Poster Session II - Sept.11.2019 - 16:00 -18:00 h

2 – Anatomy	001 - 007
4 - Cardiovascular Biology and Diseases	011 - 019
6 - Endocrine System	007 - 011
7 - Nutrition and Metabolism	018 - 034
8 - Renal Biology and Diseases	007 - 012
9 - Respiratory Biology and Diseases	006 - 009
10 – Neurobiology	015 - 028
11 - Physical Training Responses	008 - 014
12 - Biomembranes, Transporters and Signaling	001 - 005
13 - Cell differentiation, growth and death	010 - 018
16 - Gene and Cell Therapy, Omics Biology	006 - 009
17 - Basic & Clinical Pharmacology	006 - 009
18 – Neuropsychopharmacology	006 - 010
19 – Toxicology	010 - 018
20 - Pain and Inflammation	009 - 015
21 – Immunology	001 - 004
22 - Cancer Signaling and Therapeutics	014 - 026
24 - Vision and Ophthalmology	007 - 012
25 - Education, Science History and Philosophy, Science Communication	006 - 010
26- FeSBE Jovem	001 - 034

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2 - Anatomy

02.001 - METABOLIC AND TESTICULAR EFFECTS OF COCOA POWDER SUPPLEMENTATION IN WISTAR RATS SUBMITTED TO EARLY WEANING. Lima JC, Cardoso LMF, Monnerat JAS, Pereira AD, Rocha GS, Fernandes-Santos C, Gregorio BM, - Anatomia - UERJ Nutrição e Dietética - UFF Ciências Básicas - UFF - campus Nova Friburgo

02.002 - EFFECT OF LEUCINE ON HDAC4 EXPRESSION IN THE SKELETAL MUSCLE OF RATS SUBMITTED TO HINDLIMB IMMOBILIZATION. ALVES PKN, OLIVEIRA ACD, GRAÇA FA, MORISCOT AS, - ANATOMIA - Universidade de São Paulo - USP

02.003 - EFFECT OF GLUTAMINE SUPPLEMENTATION ON SKELETAL MUSCLE REGENERATION IN RATS.. Baggio BR, Koike TE, Miyabara EH, - Anatomia - USP

02.004 - EVIDENCE THAT THE B2-ADRENOCEPTOR IS INVOLVED ON MYOGENIC DIFFERENTIATION BY REGULATING MTORC1 SIGNALING. Koike TE, Baggio BR, Miyabara EH, - Anatomia - USP

02.005 - STRUCTURAL ANALYSIS OF THE BULBOSPONGIOSUS MUSCLE IN PATIENTS WITH BULBAR URETHRAL STRICTURES. Alves EF, Procópio IM, Gallo CBM, Sampaio FJB, Favorito LA, - Anatomia - UERJ

02.006 - METABOLIC AND PROSTATIC EFFECTS OF COCOA POWDER SUPPLEMENTATION IN WISTAR RATS SUBMITTED TO EARLY WEANING. Procopio-Oliveira CA, Cardoso LMF, Monnerat JAS, Pereira AD, Rocha GS, Fernandes-Santos C, Gregorio BM, - Anatomia - UERJ Nutrição e Dietética - UFF Ciências Básicas - UFF - Nova Friburgo

02.007 - EFFECTS OF CHRONIC STRESS IN FOOD PREFERENCE, TESTICULAR MORPHOLOGY AND SPERM PARAMETERS OF WISTAR ADULT RATS.. Lima JC, Procopio-Oliveira CA, Marchon RG, deMacedo CR, Maia ARB, deSouza DB, Sampaio FJB, Gregorio BM, - Anatomia - UERJ

4 - Cardiovascular Biology and Diseases

04.011 - A NOVEL P38-ALPHA MAPK INHIBITOR (LASSBIO-1824) REVERSES SU5416/HYPOXIA-INDUCED PULMONARY ARTERIAL HYPERTENSION IN RATS. Silva GF, Alencar AKN, Silva JS, Silva MM, Freitas RC, Montagnoli TL, Fraga CAM, Sudo RT, Zapata-Sudo G, - PROGRAMA DE PESQUISA EM DESENVOLVIMENTO DE FÁRMACOS - UNIVERSIDADE FEDERAL DO RIO DE JANEIRO (UFRJ)

04.012 - PROTECTIVE EFFECT OF EGG WHITE HYDROLYSATE ON CARDIOVASCULAR DAMAGE INDUCED BY CADMIUM IN RATS. PinheiroJúnior JEG, Moraes PZ, Cavalini TI, Pinton S, Peçanha FM, Vassallo DV, Miguel M, Santos FW, Wiggers GA, - Bioactivity and Food Analysis Laboratory - CIAL Departments of Physiological Sciences - UFES/EMESCAM Postgraduate Program in Biochemistry - UNIPAMPA

04.013 - EFFECT OF VITAMIN C ON CARDIORENAL SYNDROME TYPE 3: PARTICIPATION OF NITRIC OXIDE SINTETASES (NOS). Santos RSN, Carneiro-Ramos MS, - Centro de Ciências Naturais e Humanas - Universidade Federal do ABC

04.014 - BIOACTIVE PEPTIDES DERIVED FROM EGG WHITE HYDROLYSATE REDUCE VASCULAR DAMAGE PROMOTED BY CADMIUM EXPOSURE IN AORTA. Moraes PZ, PinheiroJúnior JEG, Rodrigues MD, Ronacher M, Santos FW, Peçanha FM, Vassallo DV, Martinez CS, Miguel M, Wiggers GA, - Campus Uruguaiana - Universidade Federal do Pampa Instituto de Investigación en Ciencias de la Alimentación - CIAL/CSIC Departamento de Fisiologia - UFES

04.015 - EVALUATION OF TRANSCRIPTION FACTORS FOR MITOCHONDRIAL BIOGENESIS IN THE HEART OF FEMALE RATS SUBMITTED TO A LOW-PROTEIN DIET FOR TWO GENERATIONS. Lemos MDTB, Bernardo EM, Lima FAS, Pedroza AAS, Braz GRF, Silva SCA, Lagranha CJ, - Biochemistry and Physiology - UFPE Neuropsychiatry and Behavior Science - UFPE

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Laboratory of Biochemistry and Exercise
Biochemistry - UFPE

04.016 - CAN INDOXYL SULFATE, AN UREMIC TOXIN, LEAD TO CARDIAC HYPERTROPHY AS WELL AS THE ISCHEMIA-REPERFUSION LESION DOES?. Fogaça F, Carneiro-Ramos MS, - Centro de Ciências Naturais e Humanas - UFABC

04.017 - PERIVASCULAR ADIPOSE TISSUE AGGRAVATES SEPSIS-INDUCED VASOPLEGIA: ROLE OF NO AND PROSTACYCLIN. Awata WMC, Gonzaga NA, Borges VF, Cunha FQ, Cárnio EC, Tirapelli CRT, - Farmacologia - Universidade de São Paulo - USP Fisiologia - Universidade de São Paulo - USP

04.018 - PREVIOUSLY EXERCISE TRAINING IN OVARECTOMIZED RATS SUBMITTED TO MYOCARDIAL INFARCTION DECREASES THE LEVELS OF DIMETHYLAMINE IN THE LEFT VENTRICLE. Ruberti OM, Viana LR, Marcondes MCG, Delbin MA, Rodrigues B, - Biologia Estrutural e Funcional - Unicamp

04.019 - ETHANOL WITHDRAWAL INDUCES CARDIAC OXIDATIVE STRESS THROUGH AT1 - DEPENDENT MECHANISMS. Assis VO, Gonzaga NA, Pereira LC, Brigagão C, Tirapelli CR, - Departamento de Farmacologia - USP

6 - Endocrine System

06.007 - EFFECTS OF OBESITY INDUCED BY HYPERCALORIC DIET AND ITS TREATMENT WITH EXENATIDE ON THE MUSCARINIC CHOLINERGIC NEUROTRANSMITTER IN THE RAT HIPPOCAMPUS.. Silva MFP, Alves PL, Vendrame RFA, Silveira PF, Abdalla FMF, - Farmacologia - IBU

06.008 - INFLUÊNCIA DO EXERCÍCIO FÍSICO NAS REAÇÕES DE OXIDAÇÃO E REDUÇÃO NO SANGUE DE MULHERES OBESAS. Nascimento C, Peixoto MS, Boa LFF, Faria CC, Costaa TSF, Ferreira ACF, Carvalho DP, Fortunato RS, - Laboratório de Fisiologia e Sinalização Redox - UFRJ

06.009 - MIFEPRISTONE ACTIONS ON GLUCOSE HOMEOSTASIS AND HEPATIC ESTEATOSIS IN MSG OBESITY. Rocha LA, Junior JAS, Oliveira KM, Araújo TR, Ribeiro RA, - RJ - UFRJ

06.010 - BISPHENOL-A CONSUMPTION IMPAIRS ENDOCRINE PANCREAS PROLIFERATION IN MENOPAUSAL FEMALE MICE THAT FED ON A HIGH-FAT DIET. Oliveira KM, Figueiredo LS, Araújo TR, Freitas IN, Silva JN, Carneiro EM, RIBEIRO RA, - Laboratório de Fisiopatologia - UFRJ-MACAÉ Obesity and Comorbidities Research Center - UNICAMP

06.011 - EFFECTS OF COMBINED ORAL CONTRACEPTIVE CONTINUOUS ADMINISTRATION UPON ADIPOSITY, GLUCOSE TOLERANCE AND HEPATIC STEATOSIS IN FEMALE MICE THAT FED ON A HIGH-FAT DIET. Chaves JO, Aguiar GS, Silva SC, Junior JAS, Figueiredo LS, Santos JJ, Blanc HNH, Ribeiro RA, - Laboratório de fisiopatologia - Universidade Federal do Rio de Janeiro

7 - Nutrition and Metabolism

07.018 - COMBINED EFFECTS OF METFORMIN AND LYCOPENE ON BIOCHEMICAL PARAMETERS AND BIOMARKERS OF OXIDATIVE STRESS IN STREPTOZOTOCIN-DIABETIC RATS. Figueiredo ID, Lima TFO, Inácio MD, Costa MC, Assis RP, Brunetti IL, Baviera AM, - Department of Clinical Analysis - UNESP

07.019 - EFFECTS OF CURCUMIN AND AMINOGLUANIDINE, ALONE OR COMBINED, IN PHYSIO-METABOLIC MARKERS, GLYCOXIDATIVE STRESS AND NEUTROPHILS FUNCTION IN DIABETES MELLITUS EXPERIMENTAL. Lima TFO, Costa MC, Figueiredo ID, Inácio MD, Assis RP, Baviera AM, Brunetti IL, - Department of Clinical Analysis - UNESP

07.020 - CALORIC RESTRICTION REPROGRAMS LIPID BIOSYNTHESIS-RELATED GENE EXPRESSION IN HYPERTENSIVE RATS FED WITH HIGH FAT DIET. Razo UB, - Graduate program in Biomedical Sciences - FHO

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07.021 - IMPACT OF CARCINOGEN ADMINISTRATION IN FEMALE OFFSPRING WHOSE DAMS WERE SUBMITTED TO DIETARY PROTEIN RESTRICTION. Fonseca ARB, Zapaterini JR, Camargo ACL, Colombelli KT, Junior LAJ, Barbisan LF, - Departamento de Morfologia - UNESP

07.022 - LEAN BODY MASS IS UNRELATED WITH RESTING METABOLIC RATE IN SEDENTARY WOMEN TREATED WITH BREAST CANCER.. Wittee ELC, Mello LS, Tibúrcio JPS, Vasconcelos CMT, Ferreira NF, Filho DMP, Neiva CM, - Departamento de Educação Física - UNESP

07.023 - QUERCETIN REDUCES HEPATIC INFLAMMATION AND REDOX IMBALANCE IN C57BL/6 MICE EXPOSED TO CIGARETTE SMOKE. Rocha DFA, Júnior PAM, Oliveira MÂDGS, Souza ABF, Castro TF, Araújo NPS, Matos NA, Bezerra FS, Cangussú SD, - Departamento de Ciências Biológicas - UFOP

07.024 - EFFECTS OF N-BUTANOL FRACTION OF SIOLMATRA BRASILIENSIS (COGN.) BAILL ON GLYCOXIDATIVE CHANGES IN AN IN VITRO MODEL SYSTEM OF PROTEIN GLYCATION. Kaga AK, Talpo TC, Motta BP, Inácio MD, Lima TFO, Santos CHC, Carvalho MG, Brunetti IL, Baviera AM, - Department of Clinical Analysis - UNESP
Department of Chemistry - UFRRJ

07.025 - DELETION OF MICRORNA-22 ATTENUATES DIET-INDUCED OBESITY IN FEMALE MICE. Silva TO, Fonseca RIB, Júnior JD, Wang D, DinizGP, - Anatomy - USP
Physiology and Biophysics - USP
Cardiology - Harvard Medical School

07.026 - QUERCETIN ATTENUATES ACUTE LUNG INFLAMMATION IN A MURINE MODEL EXPOSED TO CIGARETTE SMOKE. Matos NA, Araújo NPS, Souza ABF, Castro TF, Cangussú SD, Menezes RCA, Bezerra FS, - Department of Biological Sciences - UFOP

07.027 - NEONATAL SEROTONINERGIC MANIPULATION IN OVERFED RATS: SHORT-TERM EFFECTS ON CARDIAC OXIDATIVE STRESS. Lima FAS, Lemos MDTB, Silva SCA, Braz GRF,

Lagranha CJ, - Laboratory of Biochemistry and Exercise Biochemistry - UFPE
Graduate Program in Neuropsychiatry and Behavior Sciences - UFPE

07.028 - HYPERLIPIDIC DIET CAUSES PHENOTYPICAL AND FUNCTIONAL ALTERATIONS IN THE PREGNANT UTERUS OF PARENTAL AND F1 GENERATIONS.. Salles ÉSL, Calstron PF, Zavan B, Paffaro AMA, Caixeta ES, Junior VAP, - Cellular and Developmental Biology - Federal University of Alfenas

07.029 - AN HPLC METHOD FOR THE DETERMINATION OF ADENOSINE DIPHOSPHATE: AN IMPORTANT MARKER OF HEXOKINASE ACTIVITY IN METABOLIC DISEASES. Santos RB, Santos RS, Otsuka FAM, Trindade DJ, Matos HR, - Departamento de Fisiologia - UFS

07.030 - PYCNOPORUS SAGUINEUS EXTRACT INCREASE LIPID SYNTHESIS IN ADIPOSE TISSUE ON DIABETIC RATS. Dentz MCV, Rocha DS, Ohlweiler R, Maschio J, Girelli V, Model JFA, Vogt ÉL, Fontana RC, Camassola M, Jahn MP, Kucharski LC, - Laboratório de Metabolismo e Endocrinologia Comparada - UFRGS
Laboratório de Fisiologia e Farmacologia - UCS
Laboratório de Enzimas e Biomassas - UCS

07.031 - ROLE OF THE BETA 3 ADRENERGIC RECEPTOR IN THE OXIDATIVE STRESS. Fragoso MB, Araújo A, Paixão C, Júnior ED, Fiorino P, Ribeiro MO, Angelis K, Farah VMA, - Laboratório de Fisiofarmacologia Cardiovascular e Renal - Universidade Presbiteriana Mackenzie
Laboratório de fisiologia do exercício - UNIFESP
Laboratório de neurobiologia e metabolismo energético - Universidade Presbiteriana Mackenzie

07.032 - SUPPLEMENTATION WITH MUCUNA PRURIENS L. CHANGES PARAMETERS OF GLUCOSE METABOLISM IN OBESE RATS. Tavares RL, deSouza DM, deVasconcelos MHA, Dorand VAM, D'Oliveira AB, Aquino JS, - DEPARTAMENTO DE NUTRIÇÃO - UFPA

07.033 - COCONUT OIL EFFECTS ON PROSTATE AGING: PRELIMINARY MORPHOLOGICAL ANALYSIS. Guerra LHA, Zucão MI, Tamarindo GH,

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Taboga SR, Vilamaior PSL, - Departamento de Biologia - UNESP

07.034 - SUPPLEMENTATION WITH COCONUT OIL (COCOS NUCIFERA L.) CHANGES PARAMETERS OF GLUCOSE METABOLISM OF OBESE RATS. Vasconcelos MHA, D'Oliveira AB, Dorand VAM, Tavares RL, Junior EUT, Dutra MLV, Aquino JS, - DEPARTAMENTO DE NUTRIÇÃO - UFPE

8 - Renal Biology and Diseases

08.007 - DOXYCYCLINE TREATMENT RECOVERS THE RENAL FUNCTION OF WISTAR RATS IN EXPERIMENTAL INTOXICATION WITH BOTHROPS JARARACUSSU VENOM. Silva PAS, Ferreira MAR, Melo PA, LARALS, - Programa de Pós-graduação em Farmacologia e Química Medicinal - Universidade Federal do Rio de Janeiro

08.008 - EVALUATION OF BIOMARKERS OF OXIDATIVE DAMAGE AND ANTIOXIDANT DEFENSES IN SERUM OF PATIENTS WITH CHRONIC KIDNEY DISEASE UNDERGOING HEMODIALYSIS. Marques MB, Lima TFO, Assis RP, Guaratti M, Costa MC, Saheb JL, Brunetti IL, Baviera AM, - Department of Clinical Analysis - UNESP Regional Center of Hemodialysis - DAVITA

08.009 - RENAL EFFECTS OF QUERCETIN ADMINISTRATION IN A MURINE MODEL EXPOSED TO CIGARETTE SMOKE. Oliveira MAGS, Souza ABF, Júnior PAM, Castro TF, Araújo NPS, Matos NA, Bezerra FS, Cangussú SD, - Departamento de Ciências Biológicas - UFOP

08.010 - ALAMANDINE TREATMENT PROTECTS RENAL FUNCTION OF WISTAR RATS FROM BILATERAL KIDNEY ISCHEMIA-REPERFUSION (I/R). Silva HM, Côrtes AL, Silva RC, Silva PAS, Santos RAS, Morcillo LSL, Gonzalez SR, - ICB - UFRJ ICB - UFMG Campus Macaé - UFRJ

08.011 - RENIN-ANGIOTENSIN SYSTEM AND ACETYLATIONS: KEY ELEMENTS IN CARDIORENAL ALTERATIONS PROVOKED BY CHRONIC MALNUTRITION IN MALE ADULT RATS. Muzi-

Filho H, Jannuzzi LB, Bouzan ACS, Alves-Bezerra DS, Pereira-Acacio A, Sarmento GC, Vieyra A, - Carlos Chagas Filho Institute of Biophysics - UFRJ

08.012 - TEMPOL PROTECTS PARAQUAT-INDUCED CHANGES IN RENAL ATP-DEPENDENT NA⁺ TRANSPORT AND TISSULAR RENIN-ANGIOTENSIN SYSTEM. Cirilo MAS, Santos VBS, Lima NKS, Muzi-Filho H, Vieyra A, Paixao AD, Vieira LD, - Instituto de Biofísica Carlos Chagas Filho - UFRJ Departamento de Fisiologia e Farmacologia - UFPE

9 - Respiratory Biology and Diseases

09.006 - EXOGENOUS SURFACTANT ATTENUATES VENTILATOR-INDUCED LUNG INJURY IN HEALTHY RATS. Paula LC, Chirico RN, Castro TF, Candido LS, Bezerra FS, Matos NA, - Department of Biological Sciences - UFOP

09.007 - COMPARATIVE STUDY BETWEEN VOLUME AND PRESSURE CONTROLLED VENTILATORY MODES IN PATIENTS SUBMITTED TO MECHANICAL VENTILATION. Bandeira ACB, Horta JGA, Almeida MR, Matos NA, Castro TF, Perucci LO, Talvani A, Bezerra FS, - Departamento de Ciências Biológicas - UFOP

09.008 - RESPIRATORY AND GESTATIONAL PARAMETERS OF OBESE MICE AFTER CHRONIC ADMINISTRATION OF B2 ADRENERGIC AGONIST. Zavan B, Santos ALT, Lourenço LO, Paffaro JrVA, Soncini R, - Departamento de Biologia Celular e do Desenvolvimento - Unifal-MG Departamento de Ciências Fisiológicas - Unifal-MG

09.009 - VASCULAR REMODELLING IN AN ASTHMA MODEL IN MICE TREATED WITH ANTI-IL17 AND / OR RHO-KINASE INHIBITOR. Santos TM, Riguetti RF, Campos EC, Rezende BG, Saraiva-Romanholo BM, Camargo LN, Fukuzaki S, Prado CM, Leick EA, Martins MA, Tibério IFLC, - Ciências Médicas, Faculdade de Medicina da Universidade de São Paulo - FMUSP Hospital Sírio Libanês, Faculdade de Medicina da Universidade de São Paulo - FMUSP Department of Biological Sciences, Federal University of São Paulo - (UNIFESP) University City of São Paulo,

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Faculdade de Medicina, Universidade de São Paulo - UNICID/FMUS

10 - Neurobiology

10.015 - ARGONAUTE 2 TRANSLOCATES TO NUCLEUS DURING THE RETINAL DEVELOPMENT, AND IT IS INVOLVED IN THE DIFFERENTIATION OF SPECIFIC NEURONAL SUBTYPES. Móvio MI, Walter LT, Kihara AH, - CMCC - UFABC

10.016 - RELATIONSHIP BETWEEN THE CHOLINERGIC SYSTEM AND IL-2 IN NEONATAL RAT RETINAL CELLS MAINTAINED IN CULTURE. Colares TG, Araujo EG, - Neurobiologia - UFF

10.017 - OUABAIN PROMOTES M2 MICROGLIA POLARIZATION AND UPREGULATION OF THE TRKB/BDNF PATHWAY IN RAT RETINAL CELL CULTURES. Oliveira ACR, Ventura JV, Giestal-de-Araujo E, - Neurobiologia - UFF

10.018 - A UNIFYING HYPOTHESIS FOR THE EFFECTS OF HIPPOCAMPAL NEUROGENESIS ON ANXIETY, MEMORY AND PATTERN SEPARATION. França TFA, - Fisiologia - FURG

10.019 - PHARMACOLOGICAL INHIBITION OF ENHANCER OF ZESTER HOMOLOG 2 (EZH2) MODULATES NEUROINFLAMMATORY RESPONSE AND PROMOTES BETTER MOTOR FUNCTION RECOVERY AFTER RAT SPINAL CORD INJURY.. Correia FF, Morena BC, Gonçalves FRC, Paschon V, Kihara AH, - Centro de matemática, computação e cognição - UFABC

10.020 - SHORT-TERM EFFECTS OF LACTATE ADMINISTRATION ON THE BRAIN INFARCT IN NEONATAL RATS SUBMITTED TO HYPOXIA-ISCHEMIA. Andrade MKG, Tassinari ID, daRosa LA, Rodrigues TL, Fabres RB, Paz AH, deFraga LS, - Departamento de Fisiologia - UFRGS
Departamento de Ciências Morfológicas - UFRGS

10.021 - MITOPHAGY- AND AUTOPHAGY-RELATED PROTEINS ARE REDUCED BEFORE PROTEIN AGGREGATION IN THE HIPPOCAMPUS OF A MOUSE MODEL OF ALZHEIMER'S DISEASE. Henrique AM, Ferrari MFR, - Departamento de Genética e Biologia Evolutiva - USP

10.022 - REGULATION OF CREB ACTIVITY DURING RETINAL DEVELOPMENT. Gomes-da-Silva NC, Paes-de-Carvalho R, - Departamento de Neurobiologia - UFF

10.023 - COMBIMATE EFFECTS OF SULFASSALAZINE AND CAFFEIC ACID IN GLIOBLASTOMA CELL LINEAGES. Romano I, Carvalho MV, Santos GMB, Cossenza M, - Neurociências - UFF

10.024 - CLUSTERIN PREVENTS ENDOPLASMIC RETICULUM STRESS DURING OVEREXPRESSION AND AGGREGATION OF A-SYNUCLEIN IN DOPAMINERGIC NEURONS. Queiroz EO, Sakugawa AYS, Ferrari MFR, - Genética e Evolução - IB

10.025 - OUABAIN MODULATES THE IL-6 LEVELS IN RETINAL CELL CULTURES: THE ROLE OF IL-1BETA, TNF-ALFA AND IL-10. Azevedo MA, Araujo EG, - Neurociências - UFF

10.026 - DUCHENNE MUSCULAR DYSTROPHY NOT COMPROMISE THE NERVOUS SYSTEM HOMEOSTASIS IN THE ACUTE PHASE OF THE DISEASE. Petrovich ACZ, Carvalho SC, Alves GA, Franco LS, CHIAROTTO GB, - SP - São Paulo - Fundação Herminio Ometto - FHO - Uniararas

10.027 - EFFECT OF OUABAIN ON THE MODULATION OF INFF LEVELS IN RETINAL CELLS OF NEONATAL RATS MAINTAINED IN CULTURE.. Souto AM, Giestal-de-Araujo E, - Neurobiologia - UFF

10.028 - OUABAIN EFFECT ON THE REGULATION OF A7 NICOTINIC ACETYLCHOLINE RECEPTOR LEVELS: POSSIBLE ROLE REGULATING THE INFLAMMATORY RESPONSE IN RAT RETINAL CELL CULTURES.. Terra AM, Giestal-de-Araujo E, - Neurobiologia - UFF

11 - Physical Training Responses

11.008 - SWIMMING TRAINING INCREASES SPONTANEOUS PHYSICAL ACTIVITY AND BROWN ADIPOSE TISSUE OF OVARIECTOMIZED RATS.

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Pejon TMM, Faria VS, Gobatto CA, Fabrício V, Beck WR, - Ciências Fisiológicas - UFSCar

11.009 - THE POSITIVE EFFECT OF SWIMMING TRAINING OF MODERATE INTENSITY ON BONE MINERAL DENSITY PRESERVATION IN RATS SUBJECTED TO FOOD RESTRICTION.. Faria VS, Pejon TMM, Beck WR, - Ciências Fisiológicas - Universidade Federal de São Carlos

11.010 - THE BENEFICIAL EFFECT OF SWIMMING TRAINING ON MUSCULAR AND HEPATIC GLYCOGEN STORES OF RATS SUBJECTED TO FOOD RESTRICTION AND OVARECTOMY.. Infante NA, Pejon TMM, Faria VS, Beck WR, - Ciências Fisiológicas - Universidade Federal de São Carlos - UFSCar

11.011 - AEROBIC EXERCISE TRAINING POSITIVELY MODULATES BROWNING OF WHITE ADIPOSE TISSUE IN OBESE MICE. Sepúlveda-Fragoso V, Giori IG, Alexandre-Santos B, Fernandes T, Oliveira EM, Vieira CP, Conte-Junior CA, Ceddia RB, Nobrega ACL, Frantz EDC, Magliano DC, - Laboratory of Morphological and Metabolic Analyses - Fluminense Federal University Laboratory of Exercise Sciences - Fluminense Federal University Laboratory of Biochemistry and Molecular Biology of Exercise - University of São Paulo Department of Food Technology - Fluminense Federal University School of Kinesiology and Health Science - York University

11.012 - ACUTE EFFECTS OF AEROBIC EXERCISE ON REDOX PARAMETERS IN WHITE ADIPOSE TISSUE. MATTÁ LP, COSTA TF, LIMAJUNIOR NC, BOA LFF, FÁRIA CC, BATISTA PKDSM, Pierucci APTR, FERREIRA CF, FORTUNATO RS, - CCS - UFRJ

11.013 - DAILY RESISTANCE TRAINING REPERCUSSIONS ON SUBCUTANEOUS AND VISCERAL ADIPOCYTES MORPHOMETRIC AND NUMBER OF CELLS IN ADULT RATS. Oliveira DPL, ANTONIO-SANTOS J, DASILVAARAGAO R, - Pernambuco - Universidade Federal de Pernambuco

11.014 - SKELETAL MYOPATHY IN HEART FAILURE: CHANGES IN MUSCLE REGENERATION

CAPACITY AND THERAPEUTIC EFFECTS OF AEROBIC PHYSICAL TRAINING. Vieira JS, Bacurau AVN, Cunha TF, Carrascoza LS, Dourado PMM, Brum PC, - Biodinâmica do Movimento Humano - Universidade de São Paulo Instituto do Coração - InCor-FMUSP

12 - Biomembranes, Transporters and Signaling

12.001 - THE ROLE OF THE V-ATPASE IN POLYCHAETE REGENERATION. FAÇANHA AR, - LBCT - UENF

12.002 - TITLE: BREAKING COPPER HOMEOSTASIS IN DIABETES MELLITUS I: INSULIN INCREASES CU-ATPASE (ATP7B) ACTIVITY. Silva RT, Borges TB, Silva GBO, Lowe J, - Biofísica - UFRJ

12.003 - ANALYSIS OF THE INFLUENCE OF THE ENDOPLASMIC RETICULUM STRESS ON MATING OF SACCHAROMYCES CEREVISIAE. Jr MAF, - Instituto de Bioquímica Médica Leopoldo de Meis - UFRJ

12.004 - TITLE: AIRWAY SMOOTH MUSCLE EXPRESS THE "EXTRACELLULAR CAMP-ADENOSINE PATHWAY". Pacini ESA, Godinho RO, - Farmacologia - UNIFESP

12.005 - SUBLINGUAL AND NASAL PORCINE MUCOSAE AS BIOLOGICAL BARRIERS FOR IN VITRO PERMEATION MODELS.. Araújo JSM, Xavier GGA, Franz-Montan MBL, - Ciências Fisiológicas – UNICAMP

13 - Cell differentiation, growth and death

13.010 - PALMITOLEIC ACID PROMOTES THE RECRUITMENT OF NEW ADIPOCYTES BY STIMULATING ADIPOGENESIS. Simão JJ, Cruz MM, Jaco VA, Silva VS, Sa RCR, Farias TM, Abdala FM, Vale MICA, - Ciências Biológicas - UNIFESP

13.011 - STRUCTURAL ORGANIZATION OF THE DERMIS IN THE SKIN EXPERIMENTAL LESION OF WISTAR RATS AFTER TREATMENT WITH MICROCURRENT IN COMBINATION WITH

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TOPICAL APPLICATION OF THE ARNICA MONTANA L. GEL. Zacarias CA, Florenzano RFM, Leitão DPS, Pavan J, Santos LA, Neves LMG, Mendonça FAS, Andrade TAM, Esquisatto MAM, Santos GMT, - Programa de Pós Graduação em Ciências Biomédicas - FHO

13.012 - CYTOTOXICITY AND PHYTOTOXICITY ASSAYS OF SILVER NANOPARTICLES. Ambrosio BN, Ambrosio F, Lombello R, Rolim WR, Seabra AB, Lombello C, - Center for Engineering, Modeling and Applied Social Sciences - UFABC Center for Natural and Human Sciences - UFABC

13.013 - PARKIN IS KEY FACTOR FOR MIOGENESIS AND DIFFERENTIATION PROCESS IN C2C12 CELLS. Severino MB, Esteca MV, Tamborlin L, Luchessi AD, Baptista IL, - Biologia - Unesp; Laboratório de Biologia Celular e Tecidual - Unicamp; Laboratório de Biotecnologia - Unicamp;

13.014 - EFFECT OF EUGENOL COMPOUNDS ON ACTIVITY OF METACASPASE-2 OF TRYPANOSSOMA BRUCEI. Araujo LH, Reis T, Marcondes MF, Veloso MP, Chagas TAB, Machado MFM, - Interdisciplinary Investigation Research Center - UMC Biophysical Department - UNIFESP Pharmaceutical Science Department - UNIFAL

13.015 - INVESTIGATING THE EXISTENCE OF AN ANTERIOR REPRESSION MECHANISM IN THE BLASTODERM OF DROSOPHILA. Baltruk LJ, Andrioli LP, - Ciências da Natureza - USP

13.016 - CYSTOGENESIS IN VITRO: DEVELOPMENT OF A MODEL WITH EPITHELIAL CELL DERIVED SPHEROIDS ASSOCIATED TO FIBROBLASTS. Brand LM, Laureno NK, Bernardi L, Visioli F, Lamers ML, Rados PV, - Patologia - UFRGS Ciência Morfológica - UFRGS

13.017 - HAEMOGLOBIN EXPRESSION IN PROSTATE CELLS: HYPOXIA OR DHT SIGNALLING?. Barbutti I, Carvalho HF, - Biologia Celular e Estrutural - UNICAMP

13.018 - MESENCHYMAL STEM CELLS X FIBRIN SEALANT: CONTROL OF THE INFLAMMATORY

PROCESS IN EXPERIMENTAL PERIODONTITIS. Viganó LB, Santamaria Jr M, Aro AA, Felonato M, - Programa de Pós-Graduação em Ciências Biomédicas - Centro Universitario da Fundação Herminio Ometto

16 - Gene and Cell Therapy, Omics Biology

16.006 - OBTENTION OF RECOMBINANT DICTYOSTELIUM DISCOIDEUM PARACASPASE: CLONING, EXPRESSION AND PURIFICATION. Trujillo MNR, Reis TS, Machado MFM, - Centro Interdisciplinar de Investigação Bioquímica - UMC

16.007 - DEVELOPMENT OF A SMARTPHONE-COUPLED MICROFLUIDIC SYSTEM TO PRODUCE ALGINATE MICROGELS WITH ENCAPSULATED NANOPARTICLES. Cinel VDP, Taketa TB, Carvalho BG, DelaTorre LG, Han SW, - Biophysics - Unifesp Bioprocess and Materials Engineering - Unicamp

16.008 - ADIPOSE-DERIVED MESENCHYMAL STEM CELLS IMPROVED STRUCTURAL ORGANIZATION OF THE INJURED CALCANEAL TENDON. Leite FG, FRAUZ K, Teodoro LFR, Aro AA, - Pos Graduação em Ciências Biomédicas - UNIARARAS Departamento de Biologia Funcional e Estrutural - UNICAMP

16.009 - TRANSCRIPTIONAL PROFILE DURING MUSCLE CELL ATROPHY INDUCED BY MIR-155. Lopes LO, Freire PP, Cury SS, Moraes D, Oliveira JS, Oliveira G, Fernandez GJ, Dal-Pai-Silva M, Carvalho RF, - Morfologia - Unesp

17 - Basic & Clinical Pharmacology

17.006 - EFFECTS OF CHALCOGENOQUINOLONES IN MODULATION OF THE ACTIVITY OF CYSTEINE PROTEASES FROM LEISHMANIA MEXICANA. Iorio JFD, Stefani HA, Rodrigues T, Judice WAS, - Centro Interdisciplinar de Investigação Bioquímica - UMC Faculdade de Ciências Farmacêuticas da USP - USP Centro Ciências Naturais E Humanas - UFABC

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17.007 - PHYTOCHEMICAL, CYTOTOXIC, ANTIOXIDANT AND MICROBIAL ACTIVITY OF GARCINIA BRASILIENSIS MART. (CLUSIACEAE) LEAVES ALCOHOL EXTRACT. Souza HR, Guandalini RB, Silva JM, Possebon L, Costa SS, Iyomasa-Pilon MM, Moreno AH, Girol AP, - Pós-Graduação - UNESP Ciências Básicas - UNIFIPA

17.008 - INVOLVEMENT OF VOLTAGE-GATED ION CHANNELS IN THE EX VIVO AND IN VIVO EFFECTS OF CROTAMINE ON SKELETAL MUSCLE. Porta LC, Lima SC, Lima AC, Campeiro JD, Meurer Y, Teixeira NB, Duarte T, Oliveira EB, Picolo G, Godinho RO, Silva RH, Hayashi MAF, - Farmacologia - UNIFESP Departamento de Fisiologia - UFRN Laboratório Especial de Dor e Sinalização - IBu Departamento de Bioquímica e Imunologia - USP-RP

17.009 - COMPARISON OF THE PHYTOCHEMICAL, ANTIOXIDANT, CYTOTOXIC AND MICROBIOLOGICAL PROFILES OF AQUEOUS AND ETHANOLIC EXTRACTS OF GARCINIA BRASILIENSIS LEAVES. Yoshikawa AH, Daïrou H, Possebon L, Souza HR, Moreno AH, Girol AP, - Laboratório Multidisciplinar – UNIFIPA

18 - Neuropsychopharmacology

18.006 - ACUTE ANTIDEPRESSANT EFFECTS OF DIFFERENT KETAMINE ISOMERS IN RATS SUBMITTED TO MATERNAL SEPARATION ANIMAL MODEL: A PILOT STUDY. Beanes G, Carneiro B, Marques G, Melo YV, Carvalho G, Réus GZ, Lacerda ALT, Quarantini L, Santana RC, - Biorregulação - UFBA Neurociências e Saúde Mental - UFBA Psiquiatria - UNIFESP Universidade Federal da Bahia - UFBA Programa de Pós Graduação de Medicina e Saúde - UFBA

18.007 - EXPLORING THE OBJECT DISCRIMINATION TEST IN ZEBRAFISH AT DIFFERENT RETENTION INTERVALS. Stefanello FV, Fontana BD, Ziani PR, Müller TE, Mezzomo NJ, Rosemberg DB, - Bioquímica e Biologia Molecular - Universidade Federal de Santa Maria

18.008 - ANTIDEPRESSANT EFFECT OF DIOCLEA VIOLACEA LECTIN ADMINISTERED IN RATS

SUBMITTED TO CEREBRAL ISCHEMIA/REPERFUSION INJURY. CUNHA PLO, NETA MSBDF, LIMA LAR, LOPES MJP, SANTOS VFD, TEIXEIRA CS, FACUNDO HDTF, LIMA ISP, NOBRE MEP, - Research Laboratory in Neuroscience and Neuroprotection-LAPENN - Federal University of Cariri-UFCA Department of Morphology - Federal University of Ceará – UFC Laboratory of physiology, biochemistry and pharmacology - Estácio FMJ Laboratory of molecular and structural biology - LaBEM - Federal University of Maranhão - UFMA

18.009 - ANTIOXIDANT EFFECT OF DIOCLEA VIOLACEA LECTIN ON CEREBRAL ISCHEMIA-REPERFUSION INJURY IN RATS. NETA MSBDF, CUNHA PLO, LIMA LAR, LOPES MJP, SANTOS VFD, TEIXEIRA CS, FACUNDO HDTF, LIMA ISP, NOBRE MEP, - Research Laboratory in Neuroscience and Neuroprotection-LAPENN - Federal University of Cariri-UFCA Department of Morphology - Federal University of Ceará – UFC Laboratory of physiology, biochemistry and pharmacology - Estácio FMJ Laboratory of molecular and structural biology - LaBEM - Federal University of Maranhão - UFMA

18.010 - NEUROPROTECTIVE EFFECTS OF TREHALOSE IN A MICE MODEL OF TRAUMATIC BRAIN INJURY. Oliveira VG, Strogulski NR, Dorneles W, Salimen M, Kopczynski A, Hansel G, PORTELA LV, - Bioquímica – UFRGS

19 - Toxicology

19.010 - EVALUATION OF TOXICITY AND ANTIOXIDANT ACTIVITY IN SACCHAROMYCES CEREVISIAE CELLS OF HEXANIC AND ALCOHOLIC EXTRACTS OS GREEN PROPOLIS. Fonseca MW, Cardoso BS, Castro RN, Riger CJ, - Bioquímica - UFRRJ

19.011 - HOW THE PRESENCE OF INORGANIC CONTAMINANTS IN THE MUNDAÚ LAGOON WATER (MACEIÓ-AL) CAN MODULATE THE OXIDATIVE STATUS IN BLOOD CELLS OF FISHERMEN?. SILVA-FILHO RC, Pereira NS, Santos MC, Nunes AM, Lima TRLA, Pinto RS, Marinho CR, Fernandes MP, Santos JCC, Leite

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ACR, - ²Laboratory of Instrumentation and Development in Analytical Chemistry - UFAL
³Research Group of Catalysis and Chemical Reactivity - UFAL
4Centro Universitário Cesmac - CESMAC
5Laboratory of Biochemistry and Exercise Biochemistry - UFPE
¹Laboratory of Bioenergetics (IQB-UFAL) - UFAL

19.012 - ETHYL ACETATE FRACTION OF CHRYSOBALANUS ICACO L. LEAF EXTRACT PRESENTS CYTOTOXIC ACTIVITY AND MIGRATION INHIBITION IN BREAST AND LUNG CANCER CELL LINES. Cruz LO, Araújo LBN, Cal BBF, Salviano Í, Soares BO, Gagliardi RF, Dantas FJS, Mencialha AL, Mencialha AL, - Biofísica e Biometria - UERJ Departamento de Botânica - UERJ

19.013 - BOTRYOSPHERA AT THE DOSAGE OF 30 MG/KG/DAY DOES NOT ALTERED THE HEMATOLOGICAL AND METABOLIC PARAMETERS OF HEALTHY WISTAR RATS. Oliveira GA, Geraldelli D, Martins KO, Ribeiro MC, Medeiros TC, Oliveira MF, Dekker RF, Barbosa-Dekker AM, Alegranci P, Queiroz EAF, Queiroz EAF, - Instituto de Ciências da Saúde - ICS - Universidade Federal do Mato Grosso - UFMT

19.014 - NANOEMULSION CONTAINING ESSENTIAL OIL FROM XYLOPIA OCHRANTHA MART. PRODUCES MOLLUSCICIDAL EFFECTS AGAINST DIFFERENT SPECIES OF BIOMPHALARIA (SCHISTOSOMA HOSTS).. RANGEL LDS, Tietbohl LAC, Rocha LM, Santos JAA, Faria RX, - Laboratório de Avaliação e Promoção da Saúde Ambiental - Fiocruz Laboratório de Toxoplasmose e outras Protozooses - Fiocruz Laboratório de Tecnologia de Produtos Naturais - UFF

19.015 - BIOACTIVE PEPTIDES DERIVED FROM EGG WHITE REDUCED AGAINST CADMIUM-INDUCED DAMAGE IN THE REPRODUCTIVE SYSTEM OF RATS. Santos JES, Pinheiro Jr, Moraes PZ, Barbosa Jr F, Peçanha FM, Santos FW, Vassallo DV, Miguel M, Wiggers GA, - Programara de Pos Graduação em Bioquímica - UNIPAMPA Faculdade de Ciências Farmacêuticas de Ribeirão Preto - USP Consejo Superior de

Investigaciones Científicas/ Instituto de Investigación en Ciencias de la Alimentación - CSIC/CIAL Departamento de Ciências Fisiológicas - UFES

19.016 - ANTIOXIDANT POTENTIAL OF THE AQUEOUS EXTRACT OF PETROSELINUM CRISPUM (SALSA) IN SACCHAROMYCES CEREVISIAE CELLS. Santos KF, Epifanio NMM, Chaves DSA, Riger CJ, - Departamento de Bioquímica - UFRRJ Departamento de Ciências Farmacêuticas - UFRRJ

19.017 - EFFECT OF EGG WHITE HYDROLYSATE INTAKE ON MESENTERIC ARTERIES OF IN RATS CHRONICALLY EXPOSED TO MERCURY CHLORIDE (HGCL2). Rodrigues MD, Escobar AG, Piagette JT, Cavallini TI, Peçanha FM, Rizzetti DA, Vassallo DV, Miguel M, Wiggers GA, - Programa de Pós graduação em Bioquímica - UNIPAMPA Programa de Pós-graduação em Ciências Fisiológicas - UFES Consejo Superior de Investigaciones Científicas/ Instituto de Investigación en Ciencias de la Alimentación - CSIC/CIAL

19.018 - CA²⁺-DEPENDENT MITOCHONDRIAL PERMEABILIZATION PROMOTED BY 4-ORGANOSELENIUM QUINOLINE. Lopes RM, Costa CA, Ferraz LS, Oliveira IM, Stefani HA, Rodrigues T, - Centro Interdisciplinar de Investigaçã Bioquímica - UMC Centro de Ciências Naturais e Humanas - UFABC Instituto de Química - USP

20 - Pain and Inflammation

20.009 - ACTION OF LOW LEVEL LASER THERAPY ON THE SYNOVIAL MEMBRANE OF THE KNEE JOINT IN ADULT RATS AFFECTED BY EXPERIMENTAL MICROCRYSTALLINE ARTHRITIS. Bartoli DMF, Felizatti AL, Bomfim FRC, Bovo JL, Amaral MEC, Aro AA, Esquisatto MAM, - Graduate Program in Biomedical Sciences - University Center of Herminio Ometto Foundation

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20.010 - INVOLVEMENT OF INTRATHECAL TRPV1 RECEPTORS IN TRANSITION OF ACUTE TO CHRONIC MUSCLE PAIN. Rodrigues HL, Jorge CO, Azambuja G, Gomes BB, OLIVEIRA-FUSARO MCG, - Laboratório de Estudos da Dor e Inflamação - LABEDI - UNICAMP

20.011 - EFFECT OF THE ANNEXIN A1 MIMETIC PEPTIDE ON CISPLATIN-INDUCED OTOTOXICITY RAT MODEL. Sena LS, Sanches JM, Azevedo MF, Sasso GRS, Gil CD, - Departamento de Morfologia e Genética - UNIFESP - Universidade Federal de São Paulo

20.012 - GALECTINS AS POSSIBLE BIOMARKERS IN INFLAMMATORY SKIN DISEASES. Corrêa MP, Areias LL, Correia-Silva RD, Lice I, Sasso GRS, Gil CD, - Morfologia e Genética - UNIFESP Biologia - UNESP

20.013 - ROLE OF THE ANNEXIN A1 PROTEIN IN THE REGULATION OF NLRP3 INFLAMMASOME IN NEUTROPHILS. Correia-Silva RD, Sanches JM, Lice I, Moreira V, GIL CD, - Morfologia e genética - UNIFESP

20.014 - STRENGTH EXERCISE ATTENUATES HYPERALGESIA AND LOCOMOTOR IMPAIRMENT INDUCED BY FIBROMYALGIA MODEL. Ferrarini EG, Gonçalves ECD, Lopes EC, Gonçalves C, Dutra RC, - Programa de Pós Graduação em Neurociências - UFSC Laboratório de Autoimunidade e Imunofarmacologia - UFSC

20.015 - POSSIBLE INVOLVEMENT OF INFLAMMATORY CYTOKINES (IL-1BETA AND TNF-ALFA) IN PAIN INDUCED BY RHOPALURUS ROCHAI VENOM. Battocchio EC, Oliveira FSR, Bertozzi MM, Ferraz C, Cândido DM, Junior WAV, Kwasniewski FH, - Departamento de Ciências Patológicas - UEL (Universidade Estadual de Londrina) Laboratório de Artrópodes - Instituto Butantan

21 - Immunology

21.001 - CELLULAR RESPONSE MODULATION IN RENOVASCULAR HYPERTENSION MODEL ASSOCIATE WITH CALORIC RESTRICTION AND

PHYSICAL EXERCISE.. Orzari LE, Valverde AP, Terciotti LG, Santos BR, Oliveira CA, Amaral MEC, Dalia RA, Bernardes D, Felonato M, - Programa de Pós Graduação em Ciências Biomédicas - Centro Universitário da Fundação Hermínio Ometto

21.002 - TREATMENT WITH LASERTHERAPY MODULATES ACTIVATION OF NEUTROPHILS IN THE GASTROCNEMIUS MUSCLE OF ANIMALS WITH RHEUMATOID ARTHRITIS AFTER CONCURRENT PHYSICAL EXERCISE PROTOCOLS. Brucieri L, Lima R, Pedersen M, Sampaio TT, De AS, Moretti TA, Marretto MA, Costa FR, Felonato M, - Programa de Pós Graduação em Ciências Biomédicas - FHO

21.003 - PHYSICAL EXERCISE ASSOCIATED WITH CALORIC RESTRICTION PROMOTE REDUCTION OF CD4+ T LYMPHOCYTE INFLUX IN 2K1C ANIMALS SUBMITTED TO A HYPERLIPIDIC DIET. Santos BR, Orzari LE, Valverde AP, Terciotti LG, Alves AA, Oliveira CA, Dalia RA, Andrade TAM, Amaral MEC, Mendes MF, - Programa de Pós Graduação em Ciências Biomédicas - Centro Universitário da Fundação Hermínio Ometto

21.004 - MODULATION OF GENE EXPRESSION RELATED TO LYMPHOCYTE DIFFERENTIATION BY GANODERMA LUCIDUM SUPPLEMENTATION IN ELDERLY WOMAN. Lobato TB, Iser-Bem PN, Alecrim AL, Passos MEP, Santos LC, Diniz VL, Machado O, Manoel R, Correia IS, Santos BJC, Pereira ACG, Poma SO, Mendes M, Silva EB, Levada-Pires AC, Hatanaka E, Cury-Boaventura MF, Hirabara SM, Borges FT, Pithon-Curi TC, Curi R, Gorjão R, - Interdisciplinary Postgraduate Program in Health Sciences – UNICSUL

22 - Cancer Signaling and Therapeutics

22.014 - DETOXIFIED CROTOXIN INDUCES CELL CYCLE ARREST, REDUCTION OF MIGRATORY ABILITY AND ACTIVATION OF APOPTOSIS CASCADE IN HUMAN MALIGNANT MELANOMA CELLS. Giannotti KC, Pereira CO, Camargo L, Marques-Porto R, Chudzinski-Tavassi AM, Reid P, Picolo G, - Laboratório Especial de Dor e

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Sinalização - IBU Centro de Excelência para Descobertas de Alvos Moleculares, CENTD - IBU Laboratório de Biologia Molecular - IBU Spotlight Innovation Inc. - SI

22.015 - MOLECULAR MECHANISM OF ACTION OF NEW 1,4-NAPHTHOQUINONES-1,2,3-TRIAZOL WITH CYTOTOXIC AND SELECTIVE EFFECT AGAINST ORAL SQUAMOUS CELL CARCINOMA. Chipoline IC, Fonseca ACC, Costa GRM, Souza MP, Rabelo VW, Queiroz LN, Almeida ECP, Souza TLF, Abreu PA, Pontes BACC, Ferreira VF, Silva FC, Robbs BK, - Departamento de Ciências Básicas - Universidade Federal Fluminense (UFF) Departamento de Química Orgânica - Universidade Federal Fluminense (UFF) UFRJ - Macaé - Universidade Federal do Rio de Janeiro Faculdade de Farmácia - Universidade Federal do Rio de Janeiro (UFRJ) ICB - Universidade Federal do Rio de Janeiro (UFRJ)

22.016 - BIOPROSPECTING OF NATIVE AND EXOTIC MARINE INVERTEBRATES AT ARRAIAL DO CABO: POSSIBLE ANTIFOULING AND ANTICANCER POTENTIAL. NDIAYE NCG, LOPES GPDF, Honorato J, Villarinho N, Altvater L, Martinez S, Silva S, Maia RC, Coutinho R, - Biotecnologia Marinha - MB/MS Biotecnologia Marinha - MB Coordenação de Pesquisa - MS Química - UFBA Laboratório de Biomedicina do Cérebro - IECPN Laboratório de biotecnologia de produtos naturais e sintéticos - UCS

22.017 - BOTRYOSPHAERAN REDUCES TUMOR DEVELOPMENT AND IMPROVES THE METABOLIC PROFILE OF WALKER-256 TUMOR-BEARING OBESE RATS. Geraldelli D, Martins KO, Ribeiro MC, Medeiros TC, Oliveira MF, Oliveira GA, Dekker RF, Barbosa-Dekker AM, Alegranci P, Queiroz EAlF, - Programa de Pós-Graduação em Ciências em Saúde - UFMT Instituto de Ciências da Saúde - UFMT Departamento de Química - UEL Programa de Pós-Graduação em Engenharia Ambiental - UTFPR

22.018 - IN VITRO EVALUATION OF CELL VIABILITY AND BETALAINS QUANTIFICATION OF NUTRACEUTICAL CACTI-NEA. BIZINELLI D, SANTOS NTH, FALDONI FLC, NAVARRO FF, - Farmácia - FHO

22.019 - THE EXPRESSION LANDSCAPE OF CACHECTIC FACTORS IN HUMAN CANCERS. Freire PP, Fernandez GJ, Moraes D, Cury SS, Dal-Pai-Silva M, Reis PP, Rogatto SR, Carvalho RF, - Surgery and Orthopedics - UNESP Morphology - UNESP Clinical Genetics - SDU

22.020 - INFLUENCE OF THE RENIN-ANGIOTENSIN SYSTEM ON THE PROLIFERATION OF LEUKEMIA CELLS. Souza PD, Dias J, Vieyra A, - Programa de Pós-graduação em Química Biológica - UFRJ Programa de Pós-graduação em Fisiologia e Biofísica Celular - UFRJ

22.021 - EFFECT OF DOCOSAHEXAENOIC ACID (DHA) IN RESISTANT AND NON-RESISTANT GLIOBLASTOMA CELLS. Silva JA, Colquhoun A, - Departamento de Biologia Celular e do Desenvolvimento - USP

22.022 - EVALUATION OF THE ANTIPROLIFERATIVE POTENTIAL OF CYMBOPOGON FLEXUOSUS ESSENTIAL OIL IN CERVICAL CARCINOMA CELLS. Lima CS, Junior JCT, Pereira MTM, Pascoal VDB, PASCOAL ACRF, - Saúde - UFF

22.023 - DOCOSAHEXAENOIC ACID DECREASE PROLIFERATION OF BENIGN AND MALIGNANT CELLS VIA METABOLIC STRESS INDUCTION AND DYSREGULATION OF ANDROGEN PATHWAY. Tamarindo GH, Goes RM, - Biologia - UNESP IB - UNICAMP

22.024 - NEUTROPHIL EXTRACELLULAR TRAPS (NETS) INCREASE THE PRO-TUMORAL PROPERTIES OF THE HUMAN BREAST CANCER MCF-7 CELL LINE. Cardoso KM, Almeida VH, Bagri KM, Mermelstein C, König S, Monteiro RQ, - Bioquímica Médica - UFRJ Histologia e Embriologia - UFRJ Diferenciação celular - UFRJ

22.025 - EVALUATION OF THE ANTIPROLIFERATIVE ACTIVITY OF CAMPOMANESIA GUAUIROBA IN CERVICAL CARCINOMA. Júnior JCT, Pascoal VDB, Pereira MTM, Salvador MJ, PASCOAL ACRF, - Programa de Pós Graduação em Biociências e Tecnologia de Produtos Bioativos - UNICAMP Laboratório Multiusuário de Pesquisa Biomédica - UFF

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22.026 - TISSUE REPAIR OF ELECTROCAUTERIZATION INJURY: APPLICATION OF LED THERAPY ASSOCIATED WITH PHOTODYNAMIC THERAPY. Manoel CA, Mariano SS, Adriano LC, Ramos ES, Paolillo FR, Santos GMT, Bagnato VS, Andrade TAM, - Graduate Program of Biomedical Sciences - FHO Physics Institute of Sao Carlos - USP-IFSC

24 - Vision and Ophthalmology

24.007 - GALUNISERTIB EFFECTS ON THE GLIAL-MESENCHYMAL TRANSITION OF RETINAL MÜLLER CELLS. Silva RA, Matsuda M, Tikasawa PSA, Roda VMP, Costa GJL, Hamassaki DE, - Cell & Developmental Biology - USP Laboratory of Ophthalmology - USP

24.008 - CHARACTERIZATION OF MELANOPIN EXPRESSION IN OWL RETINAS.. Naman MJV, Assis LVM, Hauzman E, Castrucci AML, Ventura DF, Baron J, Bonci DMO, - Departamento de Psicologia Experimental - USP Departamento de Fisiologia e Biofísica - UFMG Departamento de Fisiologia - USP

24.009 - THE INFLUENCE OF VISUAL FUNCTIONS ON SCHOOL PERFORMANCE OF CHILDREN. Silva FMC, Sousa MDR, Oliveira MC, Cortes MIT, Souza GS, Lacerda EMCB, - Laboratório de Neurociência e comportamento - Ceuma Centro de Ciências da Saúde - UFMA Centro de Ciências da Saúde - UNIFAP Núcleo de Medicina Tropical - UFPA

24.010 - ALPHA-LIKE GANGLION CELLS IN THE RETINAS OF CUTIA (DASYPROCTA AGUTI) AND PACA (CUNICULUS PACA). Sampaio GSA, Souza GS, Yamada ES, - Núcleo de Medicina Tropical - UFPA Instituto de Ciências Biológicas - UFPA

24.011 - LIGHT ADAPTATION OF THE PSEUDO-RANDOM ELECTROGRAM. Brasil A, Assis JB, Loureiro TMG, Souza GS, - Núcleo de Medicina Tropical - UFPA

24.012 - GENETIC ANALYSIS OF THE VISUAL PIGMENTS OF THE ELAPIDAE SNAKES, MICRURUS CORALLINUS AND M. LEMNISCATUS. Tashiro JH, Hauzman E, Ventura DV, - Departamento de Psicologia Experimental - USP

25 - Education, Science History and Philosophy, Science Communication

25.006 - THE CORE CURRICULUM OF HUMAN EMBRYOLOGY SET BY A MULTIDISCIPLINARY DELPHI PANEL. Costa CFP, Pereira LAVD, - Departamento de Bioquímica e Biologia Tecidual - Unicamp

25.007 - THE PEER-INSTRUCTION METHOD IS TIME-CONSUMING, BUT PROMOTES LEARNING IN PHYSIOLOGY CLASSES FOR LOW-INCOME STUDENTS. Sá VA, Cunha AV, Lellis-Santos C, - Ciências Biológicas - Unifesp

25.008 - LUDIC MODEL OF ATHEROSCLEROSIS FOR SCIENCE COMMUNICATION TO CHILDREN AND ADULT POPULATION. Teixeira AP, Santos SM, Torres VM, Ribeiro BR, Ribeiro LP, Fernandes-Santos C, - Ciências Básicas - UFF

25.009 - CONSCIÊNCIA NA CIÊNCIA: FIVE YEARS OF VACATION COURSE TO HIGH SCHOOL STUDENTS IN NOVA FRIBURGO/RJ. Torres VM, Farsura AF, Emerick AS, Carvalho CVAL, Amaral LF, Duarte LS, Stumbo MB, Marqui MB, Rufino MB, Barreira RM, Silva RPM, Moraes TM, Santos CF, - Departamento de Ciências Básicas - UFF Departamento de Ciências Básicas - UNESA

25.010 - CONTRIBUTIONS OF THE TRAVELING SCIENCE CENTER SCIENCE UNDER TENTS TO NEUROSCIENCES DISSEMINATION.. Marcena IR, Alves GH, Santos RF, Rodrigues MCS, Fragel-Madeira L, - Neurobiologia - UFF Pós-graduação em Ciências e Biotecnologia - UFF Pós-Graduação em Ensino em Biociências e Saúde - Fiocruz

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4 - Cardiovascular Biology and Diseases020 - 029
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17 - Basic & Clinical Pharmacology010 - 013
18 - Neuropsychopharmacology011 - 014
19 - Toxicology019 - 027
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3 - Laboratory Animal Science

03.006 - DEVELOPMENT AND TESTING OF A MECHANIZED APPARATUS FOR RODENT MODELS OF CHRONIC SLEEP DEPRIVATION. Tonon AC, Rossi AC, Sanches PRS, Cioato MJG, Garcez TNA, Campagnol D, Souza DOG, Hidalgo MPL, - Programa de Pós-Graduação em Psiquiatria e Ciências do Comportamento - UFRGS Laboratório de Cronobiologia e Sono - HCPA Laboratório de Engenharia Biomédica - HCPA Unidade de Experimentação Animal - HCPA Departamento de Bioquímica - UFRGS

03.007 - INFLUENCE OF THE AQUEOUS EXTRACT OF NEEM (AZADIRACHTA INDICA) ON THE FERTILITY OF MALE WISTAR RATS.. Martins DS, Gaspi FOG, Cardoso CA, - Departamento de Medicina Veterinária - FZEA/USP Farmácia - FHO

03.008 - IMPORTANCE OF ENVIRONMENTAL AND HEALTH MONITORING IN STUDIES WITH ZEBRAFISH. Ventura BH, Kertsz R, Paiva C, Cruz RJ, Garibaldi M, Godoy CMSC, Caetano C, Carvalho LR, - Laboratório de Controle Genético e Sanitário - USP Departamento de Endocrinologia - USP

03.009 - RESEARCHERS AND THE 3R'S: FROM CONCEPT TO APPLICATION. Farah R, - CCBS - UPM

03.010 - EFFECT OF MATERNAL PSYCHOSOCIAL STRESS ON SWISS MOUSE OFFSPRING BEHAVIOR. Gonçalves AM, Garavelli GY, Botezzelli VS, Junior VAP, Paffaro AMA, - Department of Cellular Biology and Development - UNIFAL-MG

4 - Cardiovascular Biology and Diseases

04.020 - SEX DIFFERENCES IN THE ANTICONTRACTILE EFFECT OF PVAT: DO TISSUE AMOUNT AND ANATOMICAL PROXIMITY MATTER?. Victorio JA, Davel AP, - Departamento de Biologia Estrutural e Funcional - UNICAMP

04.021 - CARDIOVASCULAR RISK FACTORS ASSOCIATION WITH FASTING AND POSTPRANDIAL LIPEMIA IN MEN. Venturino-Perez P, Almeida DPR, Oliveira AT, Ribeiro BR, Perrut DGP, Roque IC, Silva ÍA, Ribeiro LP, Rufino MB, Saez GO, Rocha RC, Pinna RA, Santos SM, Germano FN, Fernandes-Santos C, - DEPARTAMENTO DE CIÊNCIAS BÁSICAS (FCB) - Universidade Federal Fluminense - SUBHO - UNESA (Nova Friburgo, RJ) - UERJ (Nova Friburgo, RJ)

04.022 - "DIFFERENCES BETWEEN MESENTERIC AND PANCREATIC SMALL RESISTANCE ARTERIES REMODELING IN MICE FOLLOWING PROTEIN RESTRICTION". 1POSSEBOM I.R.*, 1GUIZONI, D.M., 1CARNEIRO E.M., 1DAVEL, A.P., 1DEPARTMENT OF FUNCTIONAL AND MOLECULAR BIOLOGY, IB/UNICAMP.. Davel AP, - Departamento de fisiologia animal - UNICAMP

04.023 - ALTERNATIVES OF ANTICHAGASIC THERAPEUTICS AGENTS BASED FROM SCORPION VAEJOVIS MEXICANUS SMITHI VENOM. Freire KA, Pedron CN, Monteiro ML, Martins AMC, Jr PIS, Oliveira VXJr, - Centro de Ciências Naturais e Humanas - UFABC Departamento de Análises Clínicas e Toxicológicas da Faculdade de Farmácia - UFC Laboratório Especial de Toxinologia Aplicada - IB

04.024 - EFFECT OF TAURINE ON ENDOTHELIAL CELLS MIGRATION AND APOPTOSIS DURING AMINO ACID RESTRICTION. Mendonça KCP, Guizoni DM, Carneiro EM, Davel AP, - Departamento de Biologia Estrutural e Funcional - UNICAMP

04.025 - SEX DIFFERENCES IN THE VASODILATORY EFFECT OF THE SELECTIVE GPER AGONIST IN MESENTERIC RESISTANCE ARTERIES OF GONAECTOMIZED RATS. Peixoto P, Lemos VS, Bissoli NS, Santos RL, - Ciências Fisiológicas - UFES Fisiologia e Biofísica - UFMG

04.026 - EFFECTS OF SMOOTH MUSCLE CELLS DERIVED EXTRACELLULAR VESICLES ON VASCULAR CELLS. FRONY AC, deJESUSSOUZA M, BARJA-FIDALGO C, MORAES JA, - Biologia Celular - UERJ Farmacologia - UFRJ

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04.027 - CHARACTERIZATION OF THE MOUSE LIENO-PANCREATIC ARTERY REACTIVITY. Guizoni DM, Carneiro EM, Davel AP, - Departamento de Biologia Estrutural e Funcional - UNICAMP

04.028 - CILOSTAZOL EXERTS BENEFICIAL EFFECTS IN PREVENTING THE EARLY STAGES OF ATHEROSCLEROSIS IN WISTAR RATS. Lopes RO, Autran LJ, Motta NAV, Lima GF, Brazão SC, Mendes ABA, Pereira NCA, Marques EB, Scaramelo CBV, Brito FCF, - Departamento de Fisiologia e Farmacologia - UFF Grupo de Pesquisa, Inovação e Desenvolvimento em Endocrinologia Experimental - UFRJ

04.029 - HEART AND DIAPHRAGM IMPROVEMENT BY PREGABALIN TREATMENT (MDX MICE). Franco LS, Silva GIP, Ferreira JS, Júnior LCG, Marques MJ, Carvalho SC, - Programa de pós Graduação em Ciências Biomédicas - FHO Biologia Celular e Estrutural - UNICAMP

6 - Endocrine System

06.012 - TSH INDUCES MIRNA EXPRESSION CHANGES IN THYROID FOLLICULAR CELLS. Fuziwara CS, deSantalneiz DC, Sousa ISMA, Saito KC, Kimura ET, - Departamento de Biologia Celular e do Desenvolvimento - USP

06.013 - AGING MORPHOLOGICAL CHANGES IN THE ADRENAL CORTEX OF THE MONGOLIAN GERBIL. ZUCÃO MI, ANTONIASSI JQ, GUERRA LHA, TABOGA SR, VILAMAIOR PSL, - Biologia - UNESP

06.014 - ADIPOGENIC EFFECTS OF FEMBUTATIN OXIDE, CARBOSULFAN AND BITERTANOL IN CELL CULTURE. Bittencourt MB, Carneiro FD, Mendonça LS, Sant'Anna TBF, Rodrigues KD, Machado JAMM, Araujo BP, Neves FAR, Lacerda MG, Milton FA, - fcb - universidade federal fluminense

06.015 - MATERNAL HYPERGLYCEMIA ALTERS THE DISTRIBUTION OF LAMININ AND INTEGRIN AND THE PROLIFERATIVE ACTIVITY IN THE PANCREATIC ISLETS OF PRETERM FETUSES IN

MICE. Dias CP, Morais MRPT, Silva CSB, Barrence FA, Zorn TMT, - Biologia Celular e do Desenvolvimento - Universidade de São Paulo

06.016 - TSH INDUCES GENOMIC INSTABILITY AND OXIDATIVE STRESS IN MAMMARY TISSUE. Peixoto MS, Souza AV, Andrade IS, Giusbi CCE, Faria CC, Fortunato RS, - Laboratório de Fisiologia e Sinalização Redox - UFRJ

06.017 - GENE EXPRESSION ANALYSIS OF AMH AND ITS IMMUNODETECTION IN THE LAMBARI FISH ASTYANAX ALTIPARANAE TESTIS. Camargo MP, Jesus LWO, Branco GS, Bogerd J, Nóbrega RH, Borella MI, - Departamento de Biologia Celular e do Desenvolvimento - USP

7 - Nutrition and Metabolism

07.035 - MATERNAL LOW PROTEIN DIET AND SUGAR CONSUMPTION DURING THE POSTNATAL LIFE LEADS TO PROSTATE CARCINOMA IN SITU IN OLD RATS. Silva CLF, Colombelli KT, Fioretto MN, Santos SAA, Constantino FB, Camargo ACL, Portela LMF, Mani F, Justulin LA, - Departamento de Morfologia - UNESP Departamento de Química e Bioquímica - UNESP

07.036 - EARLY IN VITRO AMINO ACID RESTRICTION LEADS TO IMPAIRMENT OF MITOCHONDRIAL METABOLISM AND REDUCTION OF PANCREATIC B CELL VIABILITY WHEN EXPOSED TO FATTY ACIDS. Araujo TR, Vettorazzi JF, Guimarães DSPSF, Carneiro EM, - Biologia Funcional e Molecular - UNICAMP

07.037 - PON1 ACTIVITY AND PLASMA LIPID PROFILE IN RATS (RATTUS NORVEGICUS) NEONATES AND ADULTS, MALES AND FEMALES. Silveira D, Breigeiron MK, Trapp M, - Fisiologia - UFRGS Departamento de Enfermagem Materno-Infantil (DEMI) - UFRGS

07.038 - LYCOPENE, CURCUMIN OR BIXIN INCORPORATED IN YOGHURT IMPROVE PHYSIO-METABOLIC AND/OR OXIDATIVE STRESS BIOMARKERS IN LIVER OF HIGH-FAT-DIET INDUCED OBESE MICE. Assis RP, Dubois MJ,

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Pilon G, Baviera AM, Marette A, Brunetti IL, -
Department of Medicine, Cardiology Axis of the
Quebec Heart and Lung Institute - ULaval
Department of Clinical Analysis - UNESP

07.039 - ENZYMATIC STIMULATION OF ATP7B IN
HEPG2 CELLS BY PALMITATE: ALTERED
OXIDATIVE STRESS. Nossar LF, Milhm G, Cardoso
LHD, Lowe J, - Ciências Biológicas (Biofísica) -
UFRJ

07.040 - CONSEQUENCES OF SATURATED LIPIDS
AND/OR CURCUMIN-ENRICHED MATERNAL DIET
ON THE METABOLIC AND REPRODUCTIVE
PARAMETERS OF ADULT MALE RATS.. Reame V,
Correia JT, Negrin AC, Pinto-Fochi ME, Amaro
GM, Scarpelli TP, Góes RM, - IB (Instituto de
Biologia) - UNICAMP Biologia - UNESP

07.041 - EFFECTS OF OBESITY INDUCED BY
CAFETERIA DIET ON THE ACTIVITY OF THE DBA +
LECTIN UTERINE NATURAL KILLER CELLS IN
PREGNANT MICE. Amaral RP, Salles ÉSL, Paffaro
VA, - Departamento de Biologia Celular e do
Desenvolvimento - Universidade Federal de
Alfenas

07.042 - METABOLIC SYNDROME HIGH-FAT
DIET-INDUCED IN WISTAR RATS. Ohlweiler RVC,
Dentz MCV, Rocha DS, Maschio J, Girelli V,
Model JFA, Vogt ÉL, Jahn MP, Kucharski LC, -
Laboratório de Metabolismo e Endocrinologia
Comparada - UFRGS Laboratório de Fisiologia e
Farmacologia - UCS

07.043 - PROTECTIVE EFFECT OF FUCOIDAN ON
ENDOTHELIAL DYSFUNCTION AND
ATHEROSCLEROSIS VIA SUPPRESSING OXLDL-
INDUCED VASCULAR INFLAMMATION AND
OXIDATIVE STRESS. Fernandes-Braga W, Aguilar
EC, Dias MTS, Couto NF, Rezende L, Andrade LO,
Navia-Pelaez JM, Capettini LSA, Alvarez-Leite JI, -
Bioquímica e Imunologia - UFMG Morfologia -
UFMG Farmacologia - UFMG

07.044 - EVALUATION OF PHENOLIC PROFILE
AND ANTIOXIDANT ACTIVITY OF PHENOLICS
FERMENTED BY LACTOBACILLI. Braz MVC,
Prudêncio ER, Castro RN, Riger CJ, - Bioquímica -
UFRJ

07.045 - SUPPLEMENTATION WITH ASCORBIC
ACID PROMOTES RECOVERY OF MUSCLE
GROWTH AND PHENOTYPE IN JUVENILE PACUS
(PIARACTUS MESOPOTAMICUS) SUBMITTED TO
FASTING. Magiore IC, Zanella BTT, Duran BOS,
Valente JS, Salomão RAS, Mareco EA, Carvalho
RF, Paula TG, Dal-Pai-Silva M, - Morfologia -
UNESP Biologia - UNOESTE

07.046 - EFFECT OF PHYSICAL TRAINING ON
RETROPERITONEAL ADIPOSITY OF WISTAR RATS
FED A HIGH-FAT DIET SINCE POST-WEANING.
Komoní G, Pereira RO, Correia LA, Evangelista
FS, Fiorino P, Farah V, - Laboratório de Fisiologia
Metabólica Cardiovascular e Renal - UPM
Departamento de Medicina - UNIFESP Escola de
Artes, Ciências e Humanidades - EACH USP

07.047 - EFFECTS OF GUARANA ON RENAL
MORPHOLOGICAL ALTERATIONS IN RATS WITH
DIABETES MELLITUS. HISTOMORPHOMETRIC
AND STEREOLOGICAL STUDY. Corrêa LBNS,
Picanço JR, Abboud RS, Ribeiro ICA, Silva VAP,
Boaventura GT, Chagas MA, - Morfologia - UFF
Nutrição - UFF

07.048 - HYDROALCOHOLIC EXTRACT OF
SYZYGIUM CUMINI LEAVES IMPROVES
GLYCOLIPID METABOLISM OF RATS FED A HIGH-
SUCROSE DIET. Vieira VA, Silva MU, Filho GHL,
Melo GB, Costa TCL, Miranda JPN, Ribeiro NLX,
França LM, Pinto BAS, Cappelli APG, Paes AMA, -
Departamento de Ciências Fisiológicas - UFMA

07.049 - EFFECT OF HIGH-PROTEIN DIET ON
GLYCOLIPID METABOLISM OF HIGH-SUCROSE
DIET- INDUCED METABOLIC SYNDROME RATS:
COMPARISON WITH THE EFFECT OF CALORIC
RESTRICTION. PASSOSASC, Melo TM, Costa TCL,
Coelho CFF, França LM, Paes AMA, PINTOBAS, -
Ciências Fisiológicas - UFMA

07.050 - EFFECTS OF ORAL ADMINISTRATION OF
EICOSAPENTAENOIC (EPA)-RICH OIL ON WOUND
HEALING IN DIABETIC MICE.. Burger B, Candreva
T, Sagiorato RN, Silva JR, Pacheco M, Consonni
SR, Vinolo MAR, Rodrigues HG, - SP -
Universidade Estadual de Campinas

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07.051 - FRUCTOSE-INDUCED OBESITY AND INSULIN RESISTANCE: PHENOTYPIC AND METABOLIC FEATURES IN OUTBRED SWISS MICE. Barreira RM, Gonçalves LF, Fernandes-Santos C, - Departamento de Ciências Básicas - UFF

8 - Renal Biology and Diseases

08.013 - EFFECTS OF ANGIOTENSIN-(3-4) IN BODILY NA⁺ BALANCE, RENAL NA⁺-ATPASE RENAL AND BLOOD PRESSURE OF UNDERNOURISHED MALE RATS.. Acacio AP, Nossar LF, Sarmiento GC, Silva PA, Muzi-Filho H, Vieyra A, - Centro de Ciências da Saúde - UFRJ Programa de Pós Graduação em Biomedicina Translacional - Unigranrio

08.014 - HYPOTENSIVE EFFECTS OF NPCDC, A NEW NATRIURETIC PEPTIDE, ARE MEDIATED BY INCREASED VASCULAR LEVELS OF NO AND INCREASED RENAL FRACTIONAL NA⁺ EXCRETION IN RATS SUBJECTED TO 5/6 NEPHRECTOMY. Aires RS, Sousa SM, Freitas AC, Lima ME, Lima NKS, Farias JS, Paixão AD, Vieira LD, - Departamento de Fisiologia e Farmacologia - UFPE Departamento de Bioquímica e Imunologia - UFMG

08.015 - ENDOTHELIAL FUNCTION PROFILES IN RESISTANCE ARTERIES IN TWO DIFFERENT MOUSE MODELS ORTHOLOGOUS TO AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE TYPE 1. Dourado VC, Rossoni LV, Onuchic LF, - Departamento de Fisiologia e Biofísica - Universidade de São Paulo Departamento de Clínica Médica - Universidade de São Paulo

08.016 - ANGIOTENSIN-(3-4) REVERSES THE INCREASED ACTIVE SODIUM TRANSPORT IN PROXIMAL TUBULES AND THE HIGH BLOOD PRESSURE IN OVERWEIGHED RATS WITH DECREASED GLUCOSE TOLERANCE. Luzes R, Crisóstomo TTA, Lima-Gonçalves ML, lack RL, Genelhu VA, Francischetti E, Silva PA, Vieyra A, - Programa de Pós-Graduação em Biomedicina Translacional - UNIGRANRIO Programa de Pós-graduação em Química Biológica - UFRJ

08.017 - RENAL ISCHEMIA-REPERFUSION INJURY LEADS TO HYPERTENSION AND LATER CHANGES IN PROXIMAL TUBULE NA⁺ TRANSPORT AND RENIN-ANGIOTENSIN SYSTEM: ROLE OF NADPH OXIDASE. Lima NKS, Araújo WRS, Oliveira AG, Farias JS, Aires RS, Muzi-Filho H, Paixão AD, Vieyra A, Vieira LD, - Fisiologia e Farmacologia - UFPE Instituto de Biofísica Carlos Chagas Filho - UFRJ

08.018 - NITRIC OXIDE AND NITRIC OXIDE SYNTHASE ISOFORMS ARE MODULATED IN RENAL ISCHEMIA/REPERFUSION INDUCED CARDIAC HYPERTROPHY MODEL. Caio-Silva W, Junho CVC, Panico K, Pelegrino MT, Pieretti JC, Santos RSN, Seabra AB, Carneiro-Ramos MS, - Centro de Ciências Naturais e Humanas - UFABC

9 - Respiratory Biology and Diseases

09.010 - TITLE: BLOCKAGE OF ADENOSINE RECEPTORS POTENTIATES B₂-ADRENOCEPTOR-INDUCED RELAXATION IN AIRWAY SMOOTH MUSCLE. Pacini ESA, Freitas BA, Godinho RO, - Farmacologia - UNIFESP

09.011 - PREVENTIVE AND THERAPEUTIC TREATMENT WITH GLYCINE AMELIORATES ACUTE LUNG INJURY INDUCED BY LPS IN MICE. Righetti RF, Santos TM, Camargo LN, Saraiva-Romanholo BM, Bezerra SKM, Hamaguchi SSS, Leick EA, Prado CM, Martins MA, Nogueira RS, Neto JCSC, Souza DA, Salu BR, Olivo MLV, Tibério IFLC, - Faculdade de Medicina FMUSP - FMUSP University City of São Paulo - UNICID Federal University of São Paulo - UNIFESP

09.012 - PLANT-DERIVED BAUHINIA BAUHINIOIDES KALLIKREIN PROTEINASE INHIBITOR (BBKI) REDUCES LUNG MECHANICAL ALTERATIONS AND INFLAMMATION ON EXPERIMENTAL MODEL OF ASTHMA-COPD OVERLAP SYNDROME (ACOS). Silva LLS, Barbosa JAS, João JMLG, Santos TM, Camargo LN, Campos EC, Galli TT, Saraiva-Romanholo BM, Brito MV, Bezerra SKM, Hamaguchi SSS, Leick EA, Martins MA, Prado CM, Olivo MLV, Tibério IFLC, Righetti RF, - Ciências Médicas -

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09.013 - PLANT PROTEINASE INHIBITOR FROM ENTEROLOBIUM CONTORTISILIQUUM (ECTI) TREATMENT ON EXPERIMENTAL MODEL OF ASTHMA-COPD OVERLAP SYNDROME (ACOS). Barbosa JAS, Silva LLS, João JMLG, Santos TM, Camargo LN, Campos EC, Galli TT, Saraiva-Romanholo BM, Bezerra SKM, Hamaguchi SSS, Prado CM, Martins ME, Olivo MLV, Leick EA, Righetti RF, Tibério IFCL, - Faculdade de Medicina FMUSP - FMUSP Universidade Cidade de São Paulo - UNICID Universidade Federal de São Paulo - UNIFESP

10 - Neurobiology

10.029 - VARIATIONS IN LIGHT SPECTRAL COMPOSITION AND ITS EFFECTS ON THE REST-ACTIVITY RHYTHM OF WISTAR RATS. Oliveira MAB, Scop M, Abreu ACO, Rossi AC, Sanches PRS, Díez-Noguera A, Calcagnotto ME, Hidalgo MP, - Programa de Pós Graduação em Psiquiatria e Ciências do Comportamento da Universidade Federal do Rio Grande de Sul - HCPA/UFRGS Departamento de Psiquiatria e Medicina Legal - UFRGS Departamento de Engenharia Biomédica - HCPA Department de Bioquímica e Fisiologia - UB Programa de Pós-graduação em Neurociências - UFRGS Laboratório de Cronobiologia e Sono - HCPA

10.030 - REGULATION OF ADENOSINE A1 RECEPTORS EXPRESSION BY NITRIC OXIDE IN CHICKEN EMBRYO RETINAS. Vaz LC, Haiidamus AB, Paes-de-Carvalho R, Pereira MR, - Neurobiologia - Universidade Federal Fluminense

10.031 - PLASMA LEVELS OF METABOLITES DIFFERENTIATE FIRST EPISODE PSYCHOSIS IN SCHIZOPHRENIA AND BIPOLAR DISORDER PATIENTS. Costa A, Joaquim H, Talib L, Gattaz WF, - Psiquiatria - HCFMUSP

10.032 - ELECTROENCEPHALOGRAPHIC AND REPRODUCTIVE CYCLE EVALUATION IN A RAT MODEL OF EPILEPSY WITH SPONTANEOUS

ABSENCE-LIKE SEIZURES. Fracote AT, Souza TS, Mariano JD, Batista GB, Souza GMA, Sabbag IM, Vaz B, Batista CM, Carvalho KC, Maciel GAR, Marcondes RR, Valle AC, - Patologia - USP Molecular and Structural Gynaecology - USP

10.033 - EXPRESSION OF FAAH ENZYME IN A MOUSE MODEL OF RETINITIS PIGMENTOSA. Azevedo RF, Magalhães CF, Silva HP, Madeira LF, - Departamento de Neurobiologia - UFF Instituto de Biofísica - UFRJ

10.034 - TOXOPLASMA GONDII AFFECTS NEUROGENESIS IN NEURO2A CELLS AND REDUCES PROLIFERATION, MIGRATION AND GLIOGENESIS IN MOUSE NEUROSPHERES.. Pires LB, Barbosa HS, Santiago MF, Adesse D, - Laboratório de Biologia Estrutural - Fiocruz Laboratório de Neurobiologia Celular e Molecular - UFRJ

10.035 - PROTECTIVE EFFECT OF RESVERATROL AGAINST OXIDATIVE STRESS-INDUCED NEURONAL DEATH IN CHICK RETINA. Santos-Pereira R, Paes-de-Carvalho R, dosSantos-Rodrigues A, - Department of Neurobiology, Graduate Program of Neurosciences - UFF

10.036 - CAFFEINE AS A POSSIBLE MODULATOR OF CHLORIDE CO-TRANSPORTER DURING RETINAL DEVELOPMENT.. Nascimento AA, Figueiredo DP, Silva RB, Calaza KC, - Neurobiologia - Universidade Federal Fluminense Fisiologia - UFAL

10.037 - CAN GENETIC DIVERSITY OF TOXOPLASMA GONDII AFFECT THE HOST BEHAVIOR?. Bezerra ECM, Santos SV, Santos TCC, Junior HFA, Meireles LR, - Protozoologia - USP Parasitologia - FCMSCSP

10.038 - STUDY OF THE PARTICIPATION OF NITERGIC NEUROTRANSMISSIONS IN THE INSULAR CORTEX IN CARDIOVASCULAR RESPONSES BY ACUTE RESTRAINT STRESS IN RATS.. Goulart MT, Crestani CC, Busnardo C, Corrêa FMA, ALVES FHF, - Health Sciences Department - UFLA Pharmacology Department - USP Department of Active Principles and Toxicology - UNESP

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10.039 - M5 MUSCARINIC RECEPTOR ACTIVATION REGULATES CELL PROLIFERATION IN RETINAL CELL CULTURES OF NEONATAL RATS. THAYLINI QUERINO DOS SANTOS CONCEIÇÃO¹, LUIS EDUARDO GOMES BRAGA¹, ELIZABETH GIESTAL DE ARAUJO^{12, 2}, ALINE ARAUJO DOS SANTOS, ¹³ ¹POSTGRADUATE PROGRAM IN NEUROSCIENCE, UFF, NITERÓI, RJ. ²DEPARTMENT OF NEUROBIOLOGY, INSTITUTE OF BIOLOGY, UFF, NITERÓI, RJ ³ DEPARTMENT OF PHYSIOLOGY AND PHARMACOLOGY, BIOMEDICAL INSTITUTE, UFF, NITERÓI, RJ. Conceição TQS, Braga LG, Araujo EE, Rabelo AAS, DosSANTOS AA, - Departamento de Neurobiologia - UFF Departamento de Fisiologia e Farmacologia - UFF

10.040 - SIGNALING OF REACTIVE OXYGEN SPECIES AND C-FOS PROTEIN EXPRESSION IN THE CEREBRAL CORTEX OF SWISS WEBSTER MICE OF THE MODEL SPONTANEOUS OF AGGRESSION (MSA). Felipe RM, Horita SIM, Barbosa RS, Brito CF, Araújo-Jorge TC, Oliveira GM, Fragoso VMS, - Laboratório de Inovações em Terapias, Ensino e Bioprodutos- LITEB - FIOCRUZ Laboratório de Biologia Celular - FIOCRUZ

10.041 - POST-WEANING AND LONG-TERM EXPOSURE TO HIGH-SUCROSE DIET ACCELERATES COGNITIVE AND MOTOR IMPAIRMENTS VIA HIPPOCAMPAL ENDOPLASMIC RETICULUM STRESS-RELATED APOPTOSIS IN RATS. PINTO BAS, MELO TM, FLISTER KFT, FRANÇA LM, COSTA TCL, MOREIRA VR, Pereira SRF, Debbas V, Laurindo FRM, PAES AMA, - Departamento de Ciências Fisiológicas - UFMA

10.042 - COGNITIVE DEFICIT, BUT NOT ANXIETY BEHAVIOR, IS PRESENT IN MIDDLE-AGED MICE WITH HIPOTHALAMIC OBESITY. Coelho CFF, Souza ILS, Souza ILS, Chagas VT, Ribeiro NL, Pinto BAS, Paes AMA, - Programa de Pós-Graduação Ciências da Saúde - UNIVERSIDADE FEDERAL DO MARANHAO

11.015 - METABOLIC AND MOLECULAR SUBACUTE EFFECTS OF A SINGLE LOW-INTENSITY EXERCISE BOUT, PERFORMED ON FED OR FASTED STATE, IN OBESE MALE WISTAR RATS. Vogt ÉL, Dentz MCV, Rocha DS, Model JFA, Kowalewski LS, Sarapio E, Amaral M, Souza SK, Simões LAR, Girelli V, Ohlweiler R, Krause M, Vinagre AS, - Departamento de Fisiologia - UFRGS

11.016 - EFFECTS OF THE VOLUNTARY MATERNAL PHYSICAL ACTIVITY ON HEPATIC METABOLIC ENZYMES OF THE ADULT OFFSPRING. Pachêco LS, Santos JWO, Pereira AR, Bernardo EM, Lima TRLA, Leandro CVG, Fernandes MP, - ¹Laboratory of General, Molecular and Exercise Biochemistry - Federal University of Pernambuco - UFPE ²Nutrition Post-Graduate Program - Federal University of Pernambuco - UFPE

11.017 - MORPHOMETRIC ANALYSIS OF THE MYOTENDINOUS JUNCTION AND SARCOMERES IN OBESE RATS TRAINED. Grillo BAC, Rocha LC, Neto JP, Jacob CS, Ciena AP, - Educação Física - UNESP

11.018 - ROLE OF AEROBIC EXERCISE TRAINING ON TUMOR-INFILTRATED IMMUNE CELLS. Voltarelli VA, Amano MT, Camargo AA, Brum PC, - Departamento de Biodinâmica do Movimento Humano - USP Centro de Oncologia Molecular - HSL

11.019 - RESISTANCE TRAINING REVERTS METABOLIC AND MORPHOMETRIC DISORDERS CAUSED BY HIGH-SUCROSE DIET IN MALE WISTAR RATS.. Costa TCL, Passos ASC, Santos TC, Costa LL, Sousa OC, Abreu LP, França LM, Filho MAS, Pinto BAS, Paes AMA, - Departamento de Ciências Fisiológicas - UFMA Departamento de Educação Física - UFMA

11.020 - PREGABALIN IMPROVE MUSCULAR FORCE IN MDX MICE BY ANDROGEN RECEPTOR MODULATION. Alves GA, Filho DDM, Franco LS, Ferreira JS, Júnior LCG, Carvalho SC, - Programa de pós Graduação em Ciências Biomédicas - FHO

11 - Physical Training Responses

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13 - Cell differentiation, growth and death

13.019 - CELL VIABILITY ASSAY OF GUSTAVIA AUGUSTA AQUEOUS EXTRACTS: A COMPARATIVE STUDY OF QUANTITATIVE METHODS. Rezende LR, Lombello CB, - CCNH - UFABC

13.020 - STRUCTURAL AND FUNCTIONAL ORGANIZATION OF HUMAN UMBILICAL CORD ENDOTHELIAL CELLS IN RESPONSE TO TOXOPLASMA GONDII INFECTION. Pereira CSM, Araujo NS, Garcia MC, Rosa LPA, Barreto RFSM, Barbosa HS, - Biologia Estrutural - Fiocruz Biologia Celular - Fiocruz

13.021 - PARKIN PLASMID ELECTROPORATION IN SKELETAL MUSCLE TISSUE.. Gomes GH, Santos GP, Esteca MV, Tamborlin L, Luchessi AD, Baptista IL, - Laboratório de Biologia Celular e tecidual - Universidade de Campinas laboratório de Biotecnologia - Universidade de Campinas laboratório de Biotecnologia - Universidade Estadual Paulista

13.022 - IMPACT OF TOXOPLASMA GONDII INFECTION IN MYOGENESIS WITH CHANGES IN SECRETORY PROFILE. Vieira PC, Waghbi MC, Beghini DG, Barbosa HS, Adesse D, - Laboratório de Biologia Estrutural - Fiocruz Laboratório de Genômica Funcional e Bioinformática - Fiocruz Laboratório de Inovação em Terapias, Ensino e Bioprodutos - Fiocruz

13.023 - IN VIVO ANALYSIS OF EFFECT BY HYDROGEN PEROXIDE (H₂O₂) ON SACCHAROMYCES CEREVISIAE GROWTH. Dalzoto LAM, Santos JM, Santos TR, Machado MFM, - Centro de Iniciação Científica - UMC

13.024 - BEHAVIOR OF TRANSPLANTED HSPCS IN A BONE MARROW RECOVERY. Silva MCM, Oliveira NR, Menechino BSB, Corat MAF, - Laboratório de Desenvolvimento de Modelos Biológicos - Unicamp

13.025 - COMBINATORY EFFECTS OF LAMININ ISOFORMS AND IGF-1 ON THE SURVIVAL, PROLIFERATION, AND DIFFERENTIATION OF HUMAN MYOBLASTS. Processi AM, González M,

Savino W, RIEDERER I, - Laboratório de Pesquisa sobre Timo - Fiocruz

13.026 - ANDROGEN REGULATION OF PROSTATE MITOCHONDRIAL OXYGEN CONSUMPTION. Teófilo FBS, Busanello ENB, Navarro CDC, Vercesi AE, Carvalho HF, - Biologia Estrutural e Funcional - Universidade Estadual de Campinas Patologia Clínica - Universidade Estadual de Campinas

13.027 - ACTIVATED MACROPHAGES INDUCE TUMOR CELLS APOPTOSIS. Berti AS, Carvalho HF, - Departamento de Biologia Funcional e Estrutural - UNICAMP

14 - Nuclear Biosciences for Health

14.001 - EVALUATION OF THE SPATIAL RESOLUTION OF A SMALL ANIMAL PET TOMOGRAPH. Souza GCA, Gontijo RMG, Silva JB, Mamede M, Ferreira AV, - Serviço de Radiofármacos e Irradiações - CDTN/CNEN Departamento de Anatomia e Imagem - UFMG

14.002 - EVALUATION OF RADIO-INDUCED DEATH AND MORPHOLOGICAL CHANGES IN HUMAN UMBILICAL CORD-DERIVED MESENCHYMAL STEM CELLS. RochaNeto JC, Rodrigues CG, Gaião WD, Silva JSO, Madeiros PL, Junior JAS, Lopes IMSS, Amaral RS, Aguiar J, Napoleão TH, Silva MB, Paiva PMG, Fernandes TS, BraynerCavalcanti M, - Departamento de Energia Nuclear - UFPE Departamento de Biofísica e Radiobiologia - UFPE Departamento de Histologia e Embriologia - UFPE Departamento Bioquímica - UFPE

14.003 - THE ROLE OF THE POLYCOMB 2 REPRESSOR COMPLEX IN THE EPIGENETIC SIGNATURE OF TRANSCRIPTION FACTORS INVOLVED IN THE DIFFERENTIATION OF MESENCHYMAL CELLS DERIVED FROM OBESE MOUSE ADIPOSE TISSUE. Silva VS, Simao JJ, Abdala FM, Sá RDCC, Antraco VJ, Farias TSM, Alonso-Vale MIC, Armelin-Correa LM, - Ciências Biológicas - UNIFESP

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14.004 - USE OF SMALL ANIMAL PET/[18F]FDG IMAGING FOR TREATMENT RESPONSE ASSESSMENT IN 4T1 BREAST CANCER MODEL. Tomaz BC, Ferreira TH, Oda CMR, Barros AB, Silveira MB, - Unidade de Pesquisa e Produção de Radiofármacos - CNEN Faculdade de Farmácia - UFMG

14.005 - TELOMERES AND CENTROMERES IN THE ELUCIDATION OF GENOMIC RADIOSENSITIVITY. Filho JSO, Leitão MVSFS, Junior WJS, Fernandes TS, Bezerra MBCF, Filho PTN, Lopes IMSS, - Departamento de Histologia e Embriologia - UFPE Departamento de Biofísica e Radiobiologia - UFPE Departamento de Energia Nuclear - UFPE Departamento de Genética - UFPE

14.006 - THE 'BLACK BOX' GENOME OF DEINOCOCCUS RADIODURANS BECOMING GREYISH. Ladewig R, Ahmed NL, Kruger WMAV, Pascutti PG, Silva ML, Lage C, - Biologia Molecular & Estrutural - UFRJ - Universidade Federal do Rio de Janeiro

14.007 - PET IMAGING FOR EVALUATING TUMOR INFLAMMATION IN BREAST CANCER ANIMAL MODEL. Souza AM, Real CC, Junqueira MS, Souza LE, Marques FLN, Buchpiguel CA, Faria DP, - Oncologia - FMUSP Radiologia - FMUSP Oncologia e Radiologia - FMUSP

16 - Gene and Cell Therapy, Omics Biology

16.010 - OVEREXPRESSION OF MIR-29C AS A REGULATOR OF SKELETAL MUSCLE MASS. Silva WJ, Graça FA, Oliveira AC, Silvestre JGO, Alves PKN, Lima GS, Yan CYI, Miyabara EH, Labeit S, Wang D, Moriscot AS, - Department of cell biology and development - USP Institute for Integrative Pathophysiology - UM Department of cardiology - HMS Department of Anatomy - USP

16.011 - COMBINATION OF LODENAFIL AND HUMAN MESENCHYMAL CELLS THERAPY REDUCES CARDIAC AND VASCULAR DYSFUNCTION IN SU5416/HYPOXIA-INDUCED PULMONARY ARTERIAL HYPERTENSION IN RATS. Silva MMC, Alencar AKN, Montagnoli TL, DaSilva JS, Silva GF, Mendez-Otero R, Coelho PMP, Vasques JF, Sudo

RT, Zapata-Sudo G, - Programa de Pós-Graduação em Farmacologia e Química Medicinal - UFRJ Programa de Medicina Regenerativa - UFRJ Programa de Pós-Graduação em Cardiologia - UFRJ

16.012 - IDENTIFICATION OF MOLECULAR PATHWAY POTENTIALLY INVOLVED IN PROSTATE CARCINOGENESIS IN OFFSPRING RATS SUBMITTED TO MATERNAL LOW PROTEIN DIET: A GLOBAL INTEGRATIVE APPROACH. Camargo ACL, Constantino FB, Santos SAA, Colombelli KT, Fioretto MN, Portela LMF, Moreno CS, Lam WL, Carvalho RF, Justulin LA, - Department of Morphology - Sao Paulo State University (UNESP), Botucatu Department of Pathology - Emory University Department of Pathology - University of British Columbia

16.013 - EXPLORING THE ROLE OF HUMAN MESENCHYMAL STROMAL CELLS IN IMMUNOMODULATION AFTER CLONAL SELECTION AND CELLULAR ACTIVATION. daSilva KR, Evangelista LSM, Araujo VAA, Felix OMWO, Filho APS, Salomão R, Câmara NOS, deAlmeida DC, - Nefrologia - UNIFESP

17 - Basic & Clinical Pharmacology

17.010 - THE ROLE OF LIPID BODIES DURING CYSTOGENESIS OF TOXOPLASMA GONDII IN FELID EPITHELIAL CELLS. Rosa LPA, Garcia MC, Castro SL, Barbosa HS, - Biologia Estrutural - Fiocruz Biologia Celular - Fiocruz

17.011 - PHARMACOLOGICAL PROFILE OF NEW ADENOSINE RECEPTOR AGONIST IN RATS SUBMITTED TO EXPERIMENTAL MYOCARDIAL INFARCTION. Santos-Carlos B, DaSilva JS, Beltrame F, Montagnoli TL, Maia RC, Rocha MD, Barreiro EJ, Fraga CAM, Sudo RT, Zapata-Sudo G, - Programa de Pesquisa em Desenvolvimento de Fármacos - UFRJ Programa de Pós-graduação em Cardiologia - UFRJ

17.012 - IN SILICO STUDIES AND ANTILEISHMANIAL ACTIVITY OF RAVENELIN B ISOLATED FROM FUNGUS EXSEROHILUM ROSTRATUM. Silva-Silva JV1, Pina JRS2, Souza

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CSF1, Fernandes JMP, Lima AHL3, Almeida-Souza F4, Marinho AMR2, Marinho PSB2, Calabrese KS, - 1 Laboratório de Imunomodulação e Protozoologia - FIOCRUZ 2 Laboratório de Química e Pesquisa - UFPA 3 Laboratório de Planejamento e Desenvolvimento de Fármacos LPD - UFPA 4 Pós-Graduação em Ciência Animal - UEMA

17.013 - DOES MUSCARINIC ACETYLCHOLINE RECEPTOR MODULATE CLUSTERIN EXPRESSION AND/OR SECRETION IN EPIDIDYMI?. Moreira TJ, Gontijo LS, Corrêa TL, Ribas JAS, Morales CR, Porto CS, Maróstica E, - Physiology and Pharmacology - UFF Pharmacology - UNIFESP Anatomy and Cell Biology - McGill

18 - Neuropsychopharmacology

18.011 - OMEGA-3 ADMINISTERED TO RATS DURING PREGNANCY AND LACTATION PROMOTES ANTIDEPRESSANTS EFFECT IN PUPPIES UNDERGOING CEREBRAL ISCHEMIA/REPERFUSION. FEITOSA PWG, ARAGÃO MO, XENOFONTE RSC, MOURA RDS, NETA MSBDF, LIMA LAR, LOPES MJP, LIMA ISP, NOBRE MEP, - Research Laboratory in Neuroscience and Neuroprotection-LAPENN - Federal University of Cariri-UFCA Department of Morphology - Federal University of Ceará – UFC Laboratory of physiology, biochemistry and pharmacology - Estácio FMJ

18.012 - THE MODULATION OF COCAINE-CONDITIONED PLACE PREFERENCE BY NATURALLY OCCURRING AND SYNTHETIC INDOLE MOLECULES IN ENVIRONMENTALLY-ENRICHED MALE AND FEMALE RATS. Heidrich N, Biff TF, Feddern C, Silva IA, Fonseca AR, Golbspan S, Almeida FB, Fernandes PR, Biajoli MNG, Freese L, Barros HMT, - Farmacociências - UFCSPA

18.013 - ANTIDEPRESSIVE ACTION OF (+)-LIMONENE EPOXIDE IN MICE. Almeida AAC, Carvalho RBF, Amorim VR, Lopes LS, Ferreira PMP, - Pós-Graduação em Ciências Farmacêuticas - UNIVERSIDADE FEDERAL DO PIAUÍ/UFPI Pós-Graduação em Biotecnologia -

UNIVERSIDADE FEDERAL DO PIAUÍ/UFPI Departamento de Biofísica e Fisiologia - UNIVERSIDADE FEDERAL DO PIAUÍ/UFPI Departamento de Química - INSTITUTO FEDERAL DE EDUCAÇÃO, CIÊNCIA E TECNOLOGIA DO PIAUÍ

18.014 - AYAHUASCA INDUCES OPPOSITE CHANGES IN THE EXPRESSION OF GLUR1 AND GLUR2/3 AMPA RECEPTORS IN THE PREFRONTAL CORTEX OF WISTAR RATS. Rocha G, Iyomasa-Pilon MM, Regalo SCH, Siéssere S, Hallak JEC, Rosa MLNM, - Department of Neuroscience and Behavior - USP-RP Department of Biochemistry - FACISB Department of Histology - USP-RP Department of Biochemistry - FAMECA Department of Neurosciences and Behavioral Sciences - USP-RP

19 - Toxicology

19.019 - THE EGG WHITE HYDROLYSATE INTAKE ALTERS THE DEPOSITION OF CADMIUM AND THE OXIDATIVE STRESS PRODUCED IN TARGET ORGANS. Silva GC, Pinheiro Jr JEG, Moraes PZ, Stasiaski JE, Barbosa Jr F, Trost ME, Peçanha FM, Vassallo DV, Miguel M, Wiggers GA, - Laboratório de Fisiologia Cardiovascular - UNIPAMPA Faculdade de Ciências Farmacêuticas de Ribeirão Preto - USP Laboratório de Patologia Veterinária - UNIPAMPA Ciências Fisiológicas - UFES Consejo Superior de Investigaciones Científicas - CSIC/CIAL

19.020 - MUTAGENIC POTENTIAL OF CANNABIS SATIVA INFUSION - MICRONUCLEOUS QUANTIFICATION USING TRADESCANTIA PALLIDA (TRAD-MCN). Silva JS, Lobo DJA, Yariwake VY, Lichtenfels AJFC, Veras MM, Guimarães ET, - Laboratório de Poluição Atmosférica Experimental do Departamento de Patologia - HCFMUSP

19.021 - PLATELET ACTIVATING FACTOR (PAF) ANTAGONISM HAS DUAL EFFECT IN ACUTE LUNG INJURY (ALI) CAUSED BY SCORPION VENOM. Andrade FB, Myamoto JG, Jacob VV, Candido DM, Filho PP, Ferraz C, Junior WAV,

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Kwasniewski FH, - Patologia Experimental - UEL
Instituto Butantan - IB Imunologia - IFRJ

19.022 - DETERMINATION OF THE EFFECTS OF MI-D (MESOIONIC COMPOUND 4-PHENYL-5- [4-NITROCINAMOYL] -1,3,4-THIADIAZOLYL-2-PHENYLAMINE CHLORIDE) AT HISTOLOGICAL LEVELS OVER TUMORAL CELLS (HT29) EMPLOYING CHORIOALLANTOIC MEMBRANE (CAM). Stoltz IR, Rocha LT, Goetten JO, Esposito SE, Echevarria Á, Rodrigues ALV, Gonçalves PG, Lopes RL, Oliveira RF, Campelo PMS, Pires DC, Castro HT, Pereira LF, - Laboratório de Biologia Experimental - PUCPR Centro de Pesquisa em Oncologia Molecular - HCB Síntese de compostos heterocíclicos - UFRRJ

19.023 - EVALUATION OF DECAVANADATE SALTS ($[(V_{10O28})_6]^{6-}$; $\{(NH_4)_2[CU(H_2O)_6]_2[V_{10O28}]\} \cdot 2H_2O$) IN THE DEVELOPMENT PROCESS OF HET-CAM VESSELS.. Taborda-Rocha L, Stoltz IR, Pires DC, Rodrigues ALV, Leme LBP, Sá EL, Nunes GG, Pereira LF, - Laboratório de Biologia Experimental - PUCPR Química - UFPR

19.024 - SUBCHRONIC EXPOSURE TO MICROCYSTIN-LR IMPAIRS MITOCHONDRIAL FUNCTION IN MOUSE LUNGS. MESQUITA FMD, Pinto LMO, Oliveira DF, Trajano AP, Meirelles LS, AZEVEDO SMFO, Nascimento JHM, ZIN WA, - Centro de Ciências da Saúde - Universidade Federal do Rio de Janeiro

19.025 - MICRONUCLEI FREQUENCY AND POLLEN ABORTION USING TRADESCANTIA PALLIDA FOR MONITORING AIR POLLUTION GRADIENTS IN SÃO PAULO CITY: NEW INSIGHTS. Oliveira VMS, Seriani R, Veras MM, Guimarães ET, - Laboratório de Poluição Atmosférica Experimental - Faculdade de Medicina, Universidade de São Paulo, São Paulo, SP, BR.

19.026 - STUDY OF ACUTE SINGLE DOSE TOXICITY OF CROTAMINE IN WISTAR RATS: ANALYSIS OF BIOCHEMICAL, HEMATOLOGICAL AND HISTOPATHOLOGICAL PARAMETERS. Andrade AAR, Pimentel VE, Rodrigues TFS, Souza DA, Pereira JHC, Alves GA, Franco LS, Chiarotto

GB, MAZZI MV, - Laboratório de Caracterização de Proteínas e Peptídeos - FHO

19.027 - ZEBRAFISH EMBRYO TOXICITY TESTING: THE CRITICAL ROLE OF CHORION MEMBRANE. Medeiros AMZ, Silva GH, Castro VL, Martinez DST, - Grupo de nanobiotecnologia e nanoecotoxicologia (NBT) - LNNano / CNPEM Laboratório de biotecnologia e biosegurança - Embrapa Meio Ambiente CENA – USP

20 - Pain and Inflammation

20.016 - IN VIVO STUDY OF FUCOSYLATED CHONDROITIN SULFATE AS A NEW THERAPEUTIC AGENT TO TREAT ASTHMA AND EOSINOPHILIC ESOPHAGITIS. Amaral MM, Motta JM, Lintomen L, Nascimento MT, Souza HSP, Pavão MSG, - UFRJ

20.017 - ATP-INDUCE PERITONITIS IN MICE. Pereira JS, Faria RX, - Laboratório de toxoplasma e outras protozooses - FIOCRUZ

20.018 - ROLE OF EICOSANOIDS DERIVED FROM 5-,12-LIPOXYGENASE AND CYTOCHROME P450 ON FIBER CONSTITUTION DURING THE REPAIR OF SKELETAL MUSCLE. Damico MV, Godinho RO, Gil CD, Pacini ESA, Fortes-Dias CL, Moreira V, - Farmacologia - Universidade Federal de São Paulo (UNIFESP) Departamento de Morfologia e Genética - UNIFESP Departamento de Pesquisa e Desenvolvimento - Fundação Ezequiel Dias

20.019 - THE EFFECT OF PHOTOBIMODULATION THERAPY IN THE PAIN, QUALITY OF LIFE AND MOBILITY OF PATIENTS WITH KNEE OSTEOARTHRITIS. Ferreira NL, Pinto NC, Ashmawi HA, Fumis RRL, Chacur M, - Department of Anatomy - USP Intensive Care Unit - Sirio-Libanês Hospital Laboratory of Experimental Anesthesiology - FMUSP Bright Photomedicine - IPEN

20.020 - HEME TRIGGERED RESPONSES IN MONOCYTES AS TARGETS TO DETECT AUTOLOGOUS BLOOD TRANSFUSION. Amorim CS, Magdalena IJ, Silva JAMG, Mirotti LC, Carneiro ACD, Pereira HMG, Martins MR, -

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Programa de Farmacologia e Química Medicinal
- UFRJ Departamento de Biologia Celular e
Molecular - UFF Laboratório Brasileiro de
Controle de Dopagem - UFRJ

20.021 - PHOTOBIMODULATION AS
TREATMENT FOR INFLAMMATION AND MUSCLE
PAIN.. Oliveira CG, Giorgi R, Chacur M, -
Anatomy - ICB/ USP Pathophysiology Laboratory
- IB

20.022 - EFFECT OF NANOESTRUTURED COPAÍBA
OIL IN THE ANTINOCICEPTION. Silva MC,
Ferrarini SR, Silva KP, Berber RCA, Coimbra NC,
DeOliveira R, - Instituto de Ciências da Saúde -
UFMT Departamento de Farmacologia – USP

21 - Immunology

21.005 - DOCOSAHEXAENOIC ACID SLOWS
INFLAMMATION RESOLUTION AND IMPAIRS THE
QUALITY OF HEALED SKIN TISSUE. Candreva T,
Kühl CM, Burger B, Anjos MB, Consonni SR, Fisk
H, Calder PC, Vinolo MA, Rodrigues HG, -
Laboratório de Nutrientes e Reparo Tecidual -
UNICAMP - FCA Departamento de Bioquímica e
Biologia Tecidual - UNICAMP Human
Development and Health - University of
Southampton NIHR Southampton Biomedical
Research Centre - University of Southampton
Departamento de Genética, Evolução,
Microbiologia e Imunologia - UNICAMP

21.006 - ALTERATIONS OF COX-2 PATHWAY:
RISK OF DEVELOPING SCHIZOPHRENIA.
PereiraCAC, Joaquim H, Talib L, GattazWF, -
Psiquiatria - HCFMUSP

21.007 - CHOLESTERYL ESTER TRANSFER
PROTEIN (CETP) EXPRESSION MODULATES
MITOCHONDRIAL FUNCTION AND REDOX STATE
IN MICE PERITONEAL MACROPHAGES.
Dorighello GG, Assis LHP, Vercesi AE, Oliveira
HCF, - Patologia Clínica - UNICAMP Biologia
Estrutural e Funcional - UNICAMP

21.008 - EVALUATION OF INTRAHEPATIC
LYMPHOID SUBPOPULATIONS IN THE
PROGRESSION OF NONALCOHOLIC FATTY LIVER

DISEASE IN MOUSE MODEL. Guimarães JR,
Martins NV, Beghini DG, Horita SIM, Cascabulho
CM, Pons AH, Pons AH, - Laboratório de
Inovações em Terapia, Ensino e Bioprodutos -
FIOCRUZ/RJ

21.009 - PREGABALIN IMPROVE INFLAMMATION
AND SARCOLEMMA STABILIZATION OF MDX
MICE. GerottoJunior LC, Silva JF, Franco LS,
Marques MJ, Carvalho SC, - Programa de Pós-
graduação em Ciências Biomédicas - FHO
Biologia Celular e Estrutural – UNICAMP

22 - Cancer Signaling and Therapeutics

22.027 - BIOLOGICAL ACTIVITY OF ISCT1-BASED
ANALOGS AGAINST TUMOR CELLS. Oliveira CS,
Andrade GP, Cerchiaro G, Pinhal MAS, Jr PIS, Jr
VXO, - Centro de Ciências Naturais e Humanas -
UFABC Laboratório Especial de Toxicologia
Aplicada - IB Instituto de Farmacologia - UNIFESP

22.028 - CONTRIBUTION OF
TETRAHYDROBIOPTERIN THROUGHOUT TUMOR
PROGRESSION: POSITIVE OR NEGATIVE
REGULATOR OF MELANOMA GENESIS?. Soares
JPM, Sousa RX, Icimoto MY, Machado FHM, -
Department of Physiological Sciences - Santa
Casa de São Paulo School of Medical Sciences
Biophysics Department - Federal University of
São Paulo

22.029 - PEPTIDE L21R FROM THE BRN2
TRANSCRIPTION FACTOR CAUSES CELL DEATH IN
MURINE MELANOMA CELLS. SIQUEIRA CRS,
CUNHA FFM, TRAVASSOS LR, ARRUDA DC, -
Unidade de Oncologia Experimental - UNIFESP
Laboratório de Biologia Experimental do Câncer
- UMC

22.030 - METABOLISM OF EXTRACELLULAR
NUCLEOTIDES IN ORAL SQUAMOUS CELL
CARCINOMA (OSCC) CELL LINES.. Diel LF,
Vasconcelos JM, Bertoni APS, Wink MR, Lamers
ML, - Laboratório de Migração Celular - UFRGS
Departamento de Ciências Morfológicas - UFRGS
Laboratório de Biologia Celular - UFCSPA

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22.031 - OBESITY MODIFIES BREAST CANCER CELLS BEHAVIOR: ROLE OF EXTRACELLULAR VESICLES DERIVED FROM HUMAN ADIPOSE TISSUE. Andrade IR, Silva JAMG, Costa RMB, Silva SV, Matheus ME, Silva CSC, Souza AAP, Renovato-Martins M, Barja-Fidalgo TC, - Biologia Celular e Molecular - UERJ

22.032 - ANTI-TUMOR EFFECTS OF BENZIMIDAZOLES ON ORAL SQUAMOUS CELL CARCINOMA. Pazutti L, Campos PS, Menti LD, Schrekker HS, Lamers ML, - Patologia - UFRGS Ciências Morfológicas - UFRGS Química Orgânica - UFRGS

22.033 - CELL CONTRACTILITY DRIVES MECHANICAL MEMORY OF ORAL SQUAMOUS CELL CARCINOMA. deCampos PS, Matte BF, Placone JK, Engler AJ, LAMERS ML, - Patologia Bucal - UFRGS Departamento de Ciências Morfológicas - UFRGS Department of Bioengineering - UCSD

22.034 - LAMININ 111-DERIVED PEPTIDE C16 INTERACTION WITH BETA 1 INTEGRIN IN BREAST CANCER CELLS. Mateus RS, JAEGER RG, - Biologia Celular e do Desenvolvimento - USP

22.035 - SLIT/ROBO NEURAL GUIDE PATHWAY GENES ARE INCREASED IN NEUROENDOCRINE PROSTATE CANCER. Santos NJ, Barquilha CN, Barbosa IC, Monção CCD, Mosele FC, Delella FK, JustulinJr LA, Felisbino SL, - Department of Cell Biology - UNICAMP Department of Morphology - Sao Paulo State University

22.036 - CROSS-SPECIES ANALYSES PINPOINT THE ANTIOXIDANT ENZYME SULFIREDOXIN AS A POTENTIAL THERAPEUTIC TARGET FOR METASTATIC PROSTATE CANCER. Barquilha CN, Monção CCD, Santos NJ, Barbosa IC, Mosele FC, JustulinJr LA, Felisbino SL, - Biologia Estrutural e Funcional - UNICAMP Morfologia - UNESP

22.037 - CYCLOOXYGENASE AND MICROSOMAL PROSTAGLANDIN E SYNTHASE-1 INHIBITION DOWNREGULATE EXTRACELLULAR MATRIX PROTEINS AND INTEGRIN GENE EXPRESSION AND REDUCE CELL MIGRATION IN GLIOBLASTOMA. Goes LMS, Colquhoun A, -

Department of Cell Biology and Development - USP

22.038 - EFFECT OF EXERCISE TRAINING ON THE REGULATION OF MICRORNAS IN CANCER. Tobias GC, Gomes JLP, Oliveira EM, - Estudos Biodinâmicos da Educação Física e Esporte - USP

22.039 - CHARACTERIZATION OF ENDOCANNABINOID SYSTEM IN HUMAN RETINOBLASTOMA CELL LINE. Paiva ACS, Fragel-Madeira L, - Departamento de Neurobiologia - UFF

24 - Vision and Ophthalmology

24.013 - QUANTIFICATION OF INFLAMMATORY CELLS AND EVALUATION OF THE ANTI-INFLAMMATORY PROTEIN ANNEXIN A1 IN EXPERIMENTAL AUTOIMMUNE UVEITIS. Costa SS, Montresor LB, Tencarte SR, Possebon L, Pilon MMI, Girol AP, - Biociências - UNESP and UNIFIPA Biociências - UNIFIPA

24.014 - EVALUATION OF EFFICACY OF BIODEGRADABLE SYSTEMS CONTAINING SIROLIMUS IN EXPERIMENTAL AUTOIMMUNE UVEITIS MODEL. Paiva MRB, Santos DVV, Fialho SL, Castro BFM, Cunha-Júnior AS, - Departamento de Oftalmologia e Otorrinolaringologia - UFMG Pesquisa e Desenvolvimento Farmacêutico - FUNED Departamento de Produtos Farmacêuticos - UFMG

24.015 - VITREOUS COMPONENTS IN THE RETINA OF NEWBORN, ADULT AND AGING RATS.. Costa GJL, Matsuda M, Akamine PS, Roda VMP, Silva RA, Hamassaki DE, - Department of Cell and Developmental Biology - USP Department of Ophthalmology - USP

24.016 - DARK-ADAPTED ROD THRESHOLDS IN DUCHENNE MUSCULAR DYSTROPHY PATIENTS. Dias SL, Silva LA, Oliveira TA, Nagy BV, Zatz M, Pavanello R, Costa MF, Grossklaus LF, Barboni MTS, Ventura DF, - Psicologia Experimental - USP Centro de Pesquisa sobre o Genoma Humano e Células-Tronco - USP Neurociências e

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Comportamento - USP Setor de investigação de doenças neuromusculares - Unifesp

Universidade Federal do Rio Grande do Sul - UFRGS

24.017 - EVALUATION OF THE RETINAL TOXICITY OF MOMETASONE FUROATE AFTER INTRAVITREAL INJECTION. Lage NA, Paiva MRB, Silva-Cunha A, - Department of Pharmaceutical Products - UFMG

24.018 - A NOVEL UVEITIS MODEL INDUCED BY BCG IN RABBITS. Castro BFM, Vieira LC, Silva LM, Santos DVV, Fialho SL, Cotta OAL, Paiva MRB, Guerra MCA, Silva-Cunha A, - Faculty of Pharmacy - UFMG Faculty of Medicine - UFMG Pharmaceutical Research and Development - FUNED Cell Biology Laboratory – FUNED

25 - Education, Science History and Philosophy, Science Communication

25.011 - UNRAVELING MULTIPLE INTELLIGENCES IN THE TRAVELING SCIENCE CENTER SCIENCE UNDER TENTS. Capistrano RL, Alves GH, Azeredo TV, Correa RP, Fragel-Madeira L, - Neurobiologia - UFF Pós-graduação em Ciências e Biotecnologia - UFF Pós-Graduação em Ensino em Biociências e Saúde - Fiocruz

25.012 - A SUCCESSFUL EXPERIENCE USING FLIPPED CLASSROOM METHODOLOGY FOR BIOPHYSICS TEACHING. Alves GH, Penaforte DC, Thomasi BBM, Terra AM, Repossi MG, Dias MIC, Souza DDC, Fragel-Madeira L, - Neurobiologia - UFF Pós-Graduação em Ensino em Biociências e Saúde - Fiocruz Pós-graduação em Neurociências - UFF

25.013 - FERMENTATION THROUGH INVESTIGATIVE TEACHING: A POSSIBLE AND EFFECTIVE PEDAGOGICAL STRATEGY. Pacífico CM, Pinheiro SCV, Dias ACAA, - PROFBIO - UFPA

25.014 - WHAT IS "TIME" FOR BRAZILIANS? AGE AND CHRONOTYPE RELATE TO DIFFERENT CONCEPTUALIZATIONS OF TIME. Boni VHF, Garay LLS, Oliveira MAB, Idiart MAP, HIDALGO MP, - Departamento de Psiquiatria e Medicina Legal da Universidade Federal do Rio Grande do Sul - UFRGS Departamento de Física da