



MELHORES PAINÉIS 2024

01. Cellular and Molecular Pharmacology

Undergraduate Student

Vinicius Fogaça dos Santos

01.002 **Molecular Pharmacology of the Triazole Difenconazole upon the Human NaV1.5 Channel.** Fogaça VS¹, Teixeira-Fonseca JL¹, Marques LP¹, Alcantara FS¹, Conceição MRL¹, Campos DR¹ ¹Unifesp-EPM São Paulo, Dpt of Biophysics, Cardiobiology Lab

MSc Student

Beatriz Rezende Santos

01.009 **Co-localization of the Male Contraceptive Target EPPIN and its Partner SEMG1 in Human and Mouse Ejaculated Spermatozoa.** Santos BR¹, Mariani NAP¹, Santos NCM¹, Themer ACF¹, Santos AGP², Daroz GA², Teixeira TA³, Hallak J4, Silva EJR¹ ¹Unesp, Dpt of Biophysics and Pharmacology; ²Unesp, Dpt of Gynecology and Obstetrics; ³Unifap, Division of Urology, Dpt of Surgery, University Hospital; ⁴HC-FMUSP, Division of Urology, Dpt of Surgery

PhD Student

Natália Calixto Miranda Santos

01.018 **The Semenogelin-1 Mimetic Compound EP055 inhibits Mouse Sperm Motility *in vitro*.** Santos NCM¹, Mariani NAP¹, Silva AAS¹, Calderaro G¹, Santos BR¹, Hamil KG², O'Rand MG², Silva EJR¹ ¹IBB-Unesp, Dpt of Biophysics & Pharmacology; ²Eppin Pharma Inc., Research and Development

Noemia Aparecida Partelli Mariani

01.019 **The Seminal Plasma Protein Semenogelin-1 Inhibits Mouse Sperm Hyperactivation by Targeting the CatSper Channel.** Mariani NAP¹, Santos NCM¹, Andrade JJ¹, Santos BR¹, Calderaro G¹, Lishko P², Silva EJR. ¹IBB-Unesp-Botucatu, Dept. of Biophysics and Pharmacology; ²Washington University in St. Louis, Dept. of Cell Biology and Physiology

02. Neuropharmacology

Undergraduate Student

Rafaela Madeira Pereira

02.011 **Ealy Life Stress Induced by the LBN Model Alters Feeding Behavior of Rats.** Pereira RM¹, Laurentino AOM^{1,2}, Souza JME², Peres AM³, Gomez R¹, Krolow R³, Lazzaretti C, Leal MB^{1,2} ¹UFRGS, Dpt of Pharmacology; ²UFRGS, PPG Biological Sciences: Pharmacology and Therapeutics; ³UFRGS, Dpt of Biochemistry

Leticia Barros dos Santos

02.013 **Effects of Dorsolateral Periaqueductal Gray Purinergic P2 Receptors Activation on Contextual Conditioned Emotional Response in Rats.** Barros LS, Moraes-Neto T, Resstel LBM FMRP-USP, Dept of Pharmacology

Ryan Arthur Raposo Rodrigues

02.015 **Neuroprotective Effects of Clarified Açai (*Euterpe oleracea* Martius) on Anxiety-Like and Depression-Like Behaviors in Mice with Induced Menopause.** Rodrigues RAR¹, Bittencourt LO¹, Moraes RP¹, Kobayash NHC², Maia CSF², Rogez H³, Lima RR¹ ¹UFPA, Lab of Functional and

Structural Biology; ²UFPA, Lab of Pharmacology and Inflammation, Institute of Health Sciences;
³UFPA, Center for Valorization of Amazonian Bioactive Compounds, College of Biotechnology

MSc Student

Mariana Furtado Bergmann

02.021 The Activation of CB1 Receptor Controls Epigenetic Mechanisms during Fear Memory Reconsolidation. Bergmann MF, Raymundi AM, Sohn JMB, Stern CAJ1. UFPR, Dept of Pharmacology, Biological Sciences Center

Milena Caroline Nunes Monteiro de Carvalho

02.028 Effect of Chronic Administration of Salbutamol on Behavioral and Neurochemical Changes in an Experimental Model of Parkinsonism. Monteiro-Carvalho MCN¹, Franco HS², Oliveira MCS¹, Mendonça MS¹, Luz ACA¹, Tavares MMG¹, Silva J CJ², Souza JLS¹, Melo JEC¹, Dantas IC¹, Andrade CI¹, Ribeiro AM³, Silva RH³, Gois AM¹, Santos JR¹ ¹UFS-São Cristóvão, PPG Physiology; ²UFS-São Cristóvão, Dpt of Physiology; ³Unifesp

PhD Student

Letícia Yoshitome Queiroz

02.035 Cecal Slurry-induced Sepsis Impairs Cognition and Emotional Behavior and Decreases SUMO-2/3 Conjugation in Male Mice. Queiroz LY^{1,2}, Mariot LN², Soares ES², Stahler CU², Griebner G², Machado GM¹, Canevera JB¹, Sordi R², Cimarosti HI^{1,2} ¹UFSC, Postgraduate Program in Neuroscience, ²UFSC, Postgraduate Program in Pharmacology, Dept of Pharmacology

03. Psychopharmacology

Undergraduate Student

Aymée Luara Andrade dos Santos

03.002 Ayahuasca Facilitates the Extinction of Contextual Aversive Memories in Female Rats. dos Santos ALA¹, Werle I¹, dos Santos RRG², Hallak JEC², Bertoglio LJ¹, ¹UFSC, Depto de Farmacologia; ²USP-RP, Depto de Neurociências e Ciências do Comportamento

MSc Student

Kallyane Santos Oliveira Silva

03.008 Effects of *Lactiplantibacillus plantarum* 286 and *Lactiplantibacillus plantarum* 81 on Ethanol-induced Conditioned Place Preference Associated with Sleep Restriction in Mice. Silva KSO¹, Resende GR¹, Figuera YM¹, Marinho EAV², Berro LF², Tamura EK¹. ¹UESC, Chronobiology Research Group, ²UESC, Dept of Health Sciences

PhD Student

Isabel Werle

03.014 Ayahuasca Enhances Fear Extinction in Female and Male Rats by the Activation of Infralimbic Cortex 5-HT_{2A} and 5-HT_{1A} Receptors. ¹Werle I, dos Santos ALA¹, dos Santos RG², Hallak Jaime EC², Bertoglio LJ¹ ¹UFSC, Farmacologia; ²USP-RP, Neurociências e Ciências do Comportamento

Postdoctorate/Pos-Doc

Jeferson Machado Batista Sohn

03.022 The Effects of Roflumilast on Memory Consolidation and Reconsolidation Depends on the Memory Nature. Sohn JMB¹, Prickaerts J², Stern CAJ¹ ¹UFPR, Dept of Pharmacology; ²Peitho Translational, Drug Discovery and Development Consulting

04. Inflammation and Immunopharmacology

Undergraduate Student

Evelyn Caribé Mota

04.002 **Benefits of Dimethyl Fumarate against Pulmonary Emphysema: Antioxidant and Anti-Inflammatory Strategy.** Caribé EM¹, Cardoso AOP², Amorim CS³, Valença SS^{1,2,3}, Lanzetti M^{1,2,3} ¹ICB-UFRJ, ²ICB-UFRJ, Program of Immunology and Inflammation; ³ICB-UFRJ, Program of Pharmacology and Medicinal Chemistry

MSc Student

Regina Azevedo Costa

04.010 **Sexual Dimorphism in Hypothalamic Serotonin Release during Systemic Inflammation: Role of Endothelin-1.** Costa RA, Amatnecks JA, Côrtes GDG, Souza TA, Zampronio AR UFPR, Dpt of Pharmacology

Nycole Souza de Amorim

04.018 **Neutrophils Polarization as a New Approach for Cancer Treatment.** Amorim NS¹, Amorim CS¹, Valença LS¹, Almeida PP², Moraes JA¹. ¹ICB-UFRJ; ²UERJ, Depto de Biologia Celular

PhD Student

Victor Ferreira Costa

04.024 **Evaluation of the Anti-Inflammatory Activity of Salivary Gland Extracts obtained from Hematophagous Arthropods in a Murine Model of Rheumatoid Arthritis.** Costa VF¹, Santos JC¹, Ramos AS¹, Oliveira-Leandro M¹, Lavourini LS¹, Schneider AH¹, Rodrigues FC¹, Oliveira CJF², Sá-Nunes A³, Cunha FQ¹ ¹FMRP-USP, Pain and Inflammation Lab, Dpt of Pharmacology, ²UFTM, Dpt of Microbiology, Immunology, and Parasitology, Institute of Biological and Natural Sciences, ³ICB-USP, Lab Experimental Immunology, Dpt of Immunology

Giovanna Nogueira Pezzella Ferreira

04.027 **Topical Administration of Gold Nanoparticles (AUNPs) facilitates Resolution of Lung Fibrosis in silica-Challenge Mice.** Pezzella-Ferreira GN¹, Ferreira GG¹, Ribeiro NBS¹, Santana ACC¹, Arantes ACS¹, Capelozzi VL², Ball L³, Martins MA¹, Silva PMR¹ ¹FIOCRUZ, Lab of Inflammation, ²FMUSP, Lab of Pulmonary Genomics, ³University of Genova Dept of Integrated Surgical and Diagnostic Sciences

05. Pain and Nociception Pharmacology

Undergraduate Student

Hemily Barbosa Braga

05.007 **Estrogen Hormone Replacement Therapy (EHRT) Partially Reversed the Decrease in Brainstem TNF- α Levels of Rats Ovariectomized and Submitted to Orofacial Pain Model.** Braga HB^{1,4}, Kroeff G^{2,4}, Vargas JLS^{2,4}, Stein DJ^{3,4}, Torres ILDS^{2,3,4} ¹UFRGS, College of Pharmacy; ²UFRGS, PPG Biological Sciences: Pharmacology and Therapeutics; ³UFRGS, PPG in Medicine: Medical Sciences; ⁴HCPA, Pharmacology of Pain and Neuromodulation Lab

Gustavo Della Giacoma Côrtes

05.011 **Influence of Female Sex Hormones in Hyperalgesia Induced by Central Administration of Endothelin-1.** Côrtes GDG, Costa RA, Zampronio AR UFPR Curitiba, Dpt of Pharmacology

MSc Student

Natália Pressuto Pennachioni

05.031 **4-Hydroxynonenal is Involved in Morphine Tolerance and Hyperalgesia by Activating Transient Receptor Potential Ankyrin 1.** Pennachioni NP¹, Stein Neto B¹, Hosch NG¹, Martins BB¹, Assis GS¹, Dallazen JL^{1,2}, Zambelli VO^{1,2} ¹Butantan Institute, Lab for Pain and Signaling, ²CENTD/Butantan Institute

PhD Student

Beatriz Botasso Gomes

05.035 **Intrathecal Treatment with IL-1ra Reduced the Maintenance of Chronic Inflammatory Muscle Hyperalgesia in Male and Female Mice.** Gomes BB, Rodrigues HL, Dorta EO, Caetano I, Oliveira MCG FCA-Unicamp Lab of Pain and Inflammation Research

Bianca de Lima Almeida

05.043 **Investigation of the Nociceptive Effects of the Sars-Cov-2 Spike Protein in Mice: A Potential Model for Post-Covid Syndrome.** Almeida BL¹, Pereira S¹, Vitorino LC¹, Colodeti LC¹, Manjavachi MN², Figueiredo CP¹, Passos GF¹, Costa R¹ ¹UFRJ, Ciências Farmacêuticas, Brasil. ²UFRB

Postdoctorate/Pos-Doc

Jorge Luiz Dallazen

05.046 **Exploring the Role of Endogenous Hydrogen Sulfide in Surgical Pain Recovery.** Dallazen JL¹, Santos LG¹, Teixeira SA¹, De Nucci^{1,2}, Muscará MN¹, Costa SKP¹ ¹ICB-USP, Dept of Pharmacology, ²FCM-Unicamp, Dept of Pharmacology

06. Cardiovascular and Renal Pharmacology

Undergraduate Student

Leandro Bianchoni Manoel

06.008 **Resveratrol Decreases Oxidative Stress and Improves Cardiac and Vascular Dysfunction in Rats with Obesity Associated with Metabolic Syndrome.** Manoel LB, Melo MMB, Bueno EKP¹, Dourado TMH¹, Assis VO¹, Fazan Jr R², Tirapelli CR¹, Castro MM¹ ¹FMRP-USP, Dpt of Pharmacology, ²FMRP-USP, Dpt of Physiology

Anne Tayna Stein

06.012 **Hypercholesterolemia-Induced Nrf2 Pathway Disbalance in Early Stages of Atherosclerosis Development is Reversed by Inosine.** Stein AT¹, Lima GF¹, Brazão SC¹, Alves DS¹, Antonucci GM¹, Mendes ABA¹, Pereira NCA¹, ¹Bragança LAR, ¹Freitas CO, ¹Souza ARS, ²Diniz LG, ²⁻³Alexandre-Santos B, ²Magliano DC, Motta NAV¹, Brito FCF¹ ¹UFF, Dpto de Fisiologia e Farmacologia, Lab de Farmacologia Experimental, ²UFF, Dpto de Morfologia, Núcleo de Pesquisa em Morfologia e Metabolismo, ³UFF, Dpto de Fisiologia e Farmacologia, Lab de Ciências do Exercício

Evellin Karina Pires Bueno

06.014 **O-Glyconacylation Increases the Gelatinolytic Activity of Matrix Metalloproteinase (MMP)-2 in Aortas Treated with Glucosamine and Thiamet G.** Bueno EKP¹, Neves VGO¹, Blascke de Mello MM¹, Ferreira GM², Tostes RC¹, Castro MM¹. ¹FMRP-USP, Dept of Pharmacology; ²FCF-USP, Dept of Clinical and Toxicological Analysis

MSc Student

Daniele Santana de Brito

06.025 **Evaluation of the Cardiovascular Effects of a New Nitric Oxide Donor.** Brito DS^{1,2}, Moraes RA^{1,2,5}, Silva LB¹, Araújo FA^{1,2'}, Jesus RLC¹, Sá D³, Silva CDS³, Pernomian L^{4,5}, Wenceslau CF^{4,5}, Priviero F^{4,5}, Webb RC^{4,5}, Silva DF^{1,2} ¹UFBA, Lab of Cardiovascular Physiology and Pharmacology,

Dpt of Bioregulation; ²Fiocruz-BA; ³IFBA; ⁴University of South Carolina, Dpt of Cell Biology and Anatomy; ⁵University of South Carolina, Cardiovascular Translational Research Center

PhD Student

Emerson Portela Sena

06.032 **Involvement of L-Type Calcium Channels (CavL) in the Cardiovascular Effect of *Protium heptaphyllum* March Resin in a Hypertension Model.** Portela ES^{1,3,4}, Sousa BB, Rego AF^{1,3}, Melo WGG², Carvalho MS², Nunes LRS³, Araújo DS³, Timah AB⁴, Argôlo Neto NM^{2,5}, Oliveira AP^{1,3,6} UFPI, Postgraduate Program in Pharmacology; ²UFPI, Postgraduate Program in Technologies Applied to Animals of Regional Interest; ³UFPI Medicinal Plant Research Center; ⁴UFPI, Post graduation program in Biotechnology; ⁵UFPI, Dept of Clinical and Veterinary Surgery; ⁶UFPI, Dept of Biophysics and Physiology

Vinicius Flora Dugaich

06.035 **Neprilysin Levels in Plasma and Aorta Tissue: Insights into Human Abdominal Aortic Aneurysm Pathophysiology.** Dugaich VF¹, Mestriner F¹, Dantas PB¹ Joviliano EE¹, Ribeiro M¹, Becari C^{1,2} ¹FMRP-USP, Vascular Disease Lab, Dept of Surgery and Anatomy, ²FOB-USP, Dept of Biological Science

Leonardo Gomes Pereira

06.044 **A Contractile Factor Released by the Perivascular Adipose Tissue (PVAT): Pharmacological Characterization and Proof of Effective Modulation of Vascular Tone.** Gomes-Pereira L, da Silva-Santos JE UFSC, Lab of Cardiovascular and Smooth Muscle Biology, Dept of Pharmacology

Postdoctorate/Pos-Doc

Daniela Dal Secco

06.054 **Vascular Hyporesponsiveness in Severe Sepsis is Associated with Nitric Oxide-Dependent Expression of G-Protein Receptor Kinase.** Dal-Secco D¹, Olivon VC², Corrêa T¹, Celes MRN³, Akinaga J⁴, Lima V⁴, Oliveira AM², Rossi MA³, Pupo AS⁴, Cunha FQ², Sordi R¹, Assreuy J¹ ¹UFSC – PPG in Pharmacology, ²FMRP-USP – Pharmacology and ³FMRP-USP – Pathology, ⁴IBB-Unesp – Pharmacology

07. Endocrine, Reproductive and Urinary Pharmacology

Undergraduate Student

Grazielle de Assis Rosa

07.004 **Protective Effects of Morosil® [*Citrus sinensis* (L.) Osbeck var. Moro] on the Reproductive System of Rats Treated with High Fat Diet.** Rosa GA, Lima GF, Brazão SC, Mendes ABA, Bragança LAR, Ribas JAS, Santos CM, Brito FCF, Marostica E. UFF, PPG Ciências Biomédicas, Dep. Physiology and Pharmacology

MSc Student

Carolina de Moraes Silveira Peixe

07.008 **Dexamethasone Treatment Reduces Insulin Sensitivity and Triggers Depressive-Like and Anxiety-Like Behavior in Post-Weaning Rats.** Peixe CMS¹, Giusti-Paiva A^{1,2}, Rafacho A^{1,2} ¹UFSC, PPG in Pharmacology; ²UFSC, Dpt of Physiological Sciences

Postdoctorate/Pos-Doc

Flaviano Lorenzon

07.019 **Endothelium-Derived 6-Nitrodopamine Relaxes the Human Corpus Cavernosum.** Lorenzon F¹, Caliani Mathias-Netto F¹, Glina F², Glina S², Paiva O², Cintra Junior W³, Itocazo Rocha R³, Fregonesi A¹, de Miranda Cará A⁴, De Nucci G^{1,3} ¹Unicamp, Dpt of Pharmacology ²FMABC, Dpt of Urology ³USP, ⁴Humanitas – Faculdade de Ciências Médicas de São José dos Campos

08. Respiratory and Gastrointestinal Pharmacology

Undergraduate Student

Kessy Gabrielly Pegoraro Correa

08.003 **Gastroprotective Activity of *Talinum paniculatum* in Mouse.** Correa KGP¹, Siqueira MCB¹, Zanovello M², Belmudes MM¹, Gasparotto Junior A³, Souza P², Boeing T² ¹Univali; ²Univali, Pharmaceutical Sciences Graduate Program, ³UFGD, Lab of Cardiovascular Pharmacology, Faculty of Health Sciences

PhD Student

Bruna Longo

08.014 **VPA-Induced Autism Model is Accompanied by Intestinal Damage Driving Changes in Gut Permeability in a Sex-Dependently Way in Rats.** Longo B¹, Nunes RKS², Cazarin CA², Silva TFQ², Dos Santos AC², Venzon L², Da Silva LM², Costa RA³, Stern CAJ³, Zampronio AR³, De Souza MM², Da Silva LM¹. ¹UFSC, Dpt of Pharmacology, ²Univali, Postgraduate in Pharmaceutical Sciences, ³UFPR, Dpt of Pharmacology

Priscilla Cristine de Oliveira Mineiro

08.017 **ASK1 Inhibition Reduced Elastase-Induced Pulmonary Emphysema in Mice.** Mineiro PCO¹, Fraga VSI², Benjamim CF², Takiya CM², Lanzetti M¹, Moraes JA¹, Valenca SS¹ ¹ICB-UFRJ, ²UFRJ-IBCCF

09. Natural Products and Toxinology

MSc Student

Enzo Paulesini de Sousa

09.017 **Venom Phenotypes: The Role of Metalloproteases Abundance in *Bothrops jararaca* Venom Activity.** Sousa EP¹, Galizio NC¹, Lima JAF³, Vidueiros JP², Sant'anna SS², Pimenta DC³, Gonçalves LRC¹, Morais-Zani K¹ ¹Butantan Institute, Lab of Pathophysiology, ²Butantan Institute, Lab of Herpetology, ³Butantan Institute, Lab of Biochemistry and Biophysics

Matheus Kelvin do Nascimento Melchiades

09.027 ***Spirulina platensis* prevents changes in uterine hypercontractility caused by primary dysmenorrhea through inhibition of contractile prostanoids in Wistar rats.** Melchiades MKN¹, Ravilly RAA¹, Soares MFS¹, Barros BC¹, Sousa TR², Silva JMA², Filho JECS², Melo MB², Silva BA^{1,3}, Vasconcelos LHC^{1,4} ¹PPgPNSB/CCS/UFPB, ²CCS/UFPB, ³DCF/CCS/UFPB, ⁴DFP/CCS/UFPB

PhD Student

Ana Cláudia Funguetto Ribeiro

09.034 **Curcumin-Loaded Nanocapsules: Evaluating Survival and Plasma Exposure in Fly and Rodent Models Using Time-to-Event and Population Pharmacokinetics Approaches.** Funguetto-Ribeiro AC¹, Pacheco C¹, Ferreira J¹, Boivin-Champeaux C², Fernandes E¹, Guerra G¹, Azeredo F², Haas SE¹ ¹Unipampa, Pharmacology and Pharmacometric Lab, LABFAR, ²University of Florida, Center for Pharmacometrics and Systems Pharmacology

Camila de Oliveira Pacheco

09.042 Pharmacokinetic Evaluation of Curcumin-Loaded Nanocapsules in Female Wistar Rats. Pacheco CO^{1,2}, Pereira KV^{1,2}, Teixeira FEG^{1,3}, Gallarreta VS¹, Ferreira JG¹, Maciel TR^{1,2}, Haas SE^{1,2,3} ¹Unipampa, Pharmacology and Pharmacometric Lab; ²UFSM, Pharmaceutical Sciences Graduate Program; ³Unipampa, Biochemistry Graduate Program
Postdoctorate/Pos-Doc

Thaís Lima de Brito

09.048 Tartrolon D Induces Immunogenic Cell Death in Melanoma. Brito TL¹, Edson EA¹, Florêncio KGD¹, Garnique ADB², Machado-Neto JA², Mesquita-Luiz JP³, Filho JCA³, Cunha FQ³, Haygood M⁴, Wilke DV¹. ¹UFC, Drug Research and Development Center, Dept of Physiology and Pharmacology, School of Medicine; ²ICB-USP, Dept of Pharmacology; ³CRID-FMRP-USP; ⁴University of Utah

10. Cancer Pharmacology

MSc Student

Arthur Nascimento da Mota

10.006 Protein Disulfide Isomerase A1: A Novel Therapeutic Target in Melanoma Resistance and Progression. Da Mota AN, Beyerstedt S, Franco M, Machado-Neto JA, Lopes LR ICB-USP, Dept. of Pharmacology

Bianca Elen de Souza Alves

10.011 Endothelial Cell Marker CD34 Overexpression in Inflammatory Breast Carcinoma: Clinical Significance and Therapeutic Perspectives. Alves BES¹, Oliveira PRA¹, Teles ACF¹, Leitão RFC², Almeida PRC³, Arruda LM⁴, Maia IFVC¹, Rogatto SR^{5,6}, Lima-Junior RCP¹, Wong DVT¹. ¹UFC, Dpt of Physiology and Pharmacology; ²UFC, Dpt of Morphology; ³UFC Fortaleza, Dpt of Pathology; ⁴Haroldo Juaçaba Hospital, Cancer Institute of Ceara; ⁵Unesp-Botucatu, Botucatu Medical School Hospital; ⁶University Hospital of Southern Denmark, Dpt of Clinical Genetics, Denmark

PhD Student

Amanda Soares Hirata

10.017 Unveiling Seriniquinone Mechanisms: A Promising Strategy for Treatment of Chemoresistant Melanoma. Hirata AS¹, Carvalho LAC², Kinker GS³, Rezende-Teixeira P¹, Machado-Neto JA¹, Jimenez PC⁴, Santelli GMM¹, La Clair JJ⁵, Maria-Engler SS², Fenical W⁶, Costa-Lotufo LV¹ ¹ICB-USP; ²FCF-USP; ³A. C. Camargo Cancer Center; ⁴Unifesp, Institute of Marine Science; ⁵University of California, Dpt of Chemistry and Biochemistry; ⁶University of California, Scripps Institution of Oceanography

11. Clinical Pharmacology, Pharmacokinetics, Pharmacogenomics and Toxicology

Undergraduate Student

Rurick Hernâni Menin

11.002 Local Distribution of Artepelin c in the Prostates of Healthy Rats using Microdialysis. Menin RH¹, Dias BB¹, Olivo LB¹, Lemos JLS¹, Barnet LS², Araújo BV¹ ¹UFRGS, Pharmacokinetics and PK/PD Modeling Lab, Pharmaceutical Sciences Graduate Program; ²LFDA-RS Federal Lab of Animal and Plant Health and Inspection

Jamilli Zenzeluk

11.004 **Peripubertal Exposure to Low-Dose Bisphenol A Alters Hypothalamic-Pituitary-Ovary Axis Gene Expression.** Zenzeluk J, Oliveira JM, Romano MA, Romano RM Unicentro, Dpt of Medicine

PhD Student

Leisiane Pereira Marques

11.020 **Maternal-Fetal Exposure to the Fungicide Tebuconazole Increases the Incidence of Arrhythmias in Adult Offspring.** Marques LP, Alcântara FS, Silva PL, Orts DJB, Teixeira-Fonseca JL, Conceição MRL, Roman-Campos D Unifesp, Dpt of Biophysics.

Postdoctorate/Pos-Doc

Diego Jose Belato Orts

11.027 **The *in vitro*, *ex vivo* and *in vivo* Exposure to Pesticide Pyrethroids Causes Cardiotoxicity: Involvement of Cardiac Sodium Channel.** Orts DJB¹, Alcantara FS¹, Fonseca JLT¹, Marques LP¹, Lima-Conceição MR¹, Silva PL¹, Sousa GM¹, Ito AN, ¹ Durço AO¹, Barbosa MLAM², Fontes JLR², Souza DS, Campos DR ¹Unifesp-EPM, Lab of CardioBiology, Dept of Biophysics, ²UFS, Lab of Heart Biophysics

12. Drug Discovery and Development

MSc Student

Rodrigo dos Anjos Miguel

12.007 **Breaking Barriers: Nanocarriers as Enabling Tools for Solubility Enhancement and Topical Administration of Seriniquinone for Melanoma Treatment.** Miguel RA¹, Nascimento GMA¹, Hirata AS¹, Martins TS², Costa-Lotufo LV¹, Lopes LB¹ ¹USP, Dpt of Pharmacology; ²Unifesp, Dpt of Chemistry

PhD Student

Isabella Draszesski Malagó

12.010 **Evaluation of the Effects of Nanostructured Lipid Carriers on 2D and 3D Breast Cancer Models.** Malagó ID, Machado-Neto JA, Lopes LB ICB-USP, Dpt of Pharmacology

14. Pharmacology: Other

PhD Student

Luiz Adriano Damasceno de Queiroz

14.005 **Evaluation of the Effect of Autophagy Flux Control by Rapamycin and Hydroxychloroquine in the Senescent Phenotype of Hepatocytes and Adipocytes in Mouse Model.** De Queiroz LAD¹, Barros RS¹, Bustia SX¹, Pantoja KC¹, Migliorini S¹, Rodrigues SF², Guimarães JPT³, Scoggin S³, Moustaid-Moussa N³, Martins JO¹ ¹USP, Dept of Clinical and Toxicological Analyses; ²USP, Dept of Pharmacology; ³TTU Lubbock, Dept of Nutritional Sciences, & Obesity Research Institute