



55th Brazilian Congress of Pharmacology and Experimental Therapeutics



Exploring New Technologies in
Pharmacology and Therapeutics

Rafain Palace Hotel & Convention Center
Foz do Iguaçu, PR, Brazil



September
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2023

MELHORES PAINÉIS 2023

01. Cellular and Molecular Pharmacology

MSc Student

Ana Helena Larangeira Nóbrega

01.011 Organotypic hippocampal culture as a model to study the interaction of glioblastoma with the brain microenvironment. Nóbrega AHL¹, Prado APS¹, Pimentel RS¹, Santos ARC², Valério RR², Martins MA¹, Frozza RL², Bernardi A¹. ¹IOC-Fiocruz, Lab. of Inflammation, Rio de Janeiro, Brazil; ²IOC-Fiocruz, Lab. on Thymus Research, Rio de Janeiro, Brazil

PhD student

Mariana Correia de Oliveira Alves

01.007 The Gasotransmitter Hydrogen Sulfide (H₂S) Potentiates the Ex Vivo Secretion of α -Amylase Induced by Both Adrenergic and Cholinergic Agonists on Murine Salivary Glands. Oliveira-Alves MC, Almeida ARB, Teixeira SA, Costa SKP, Muscará MN. USP, Dpt of Pharmacology, Lab. of Biochemical Pharmacology of Free Radicals, Inflammation and Pain, Brazil

02. Neuropharmacology

IC/Undergraduate Student

Bruna Haendchen Sant'Ana

02.019 Intermittent Taurine Administration Increases Alcohol Consumption in Adolescent Male Rats Exposed to the Binge Drinking Model. Sant'Ana BH, Zilli GAL, Bastiani CS, Pulcinelli RR, Izolan LR, Leal MB, Rosane Gomez UFRGS

Rubén Dario Marulanda Campo

02.036 Use of Cannabinoids for the Treatment of Epilepsy Associated with 1p36 Syndrome: A Case Report. Campo RM, Portilla MC, Santos FC, Novoa DA, Silva EG, Donato MF, Nascimento FP. Unila, Lab. of Medical Cannabis and Psychedelic Science, Foz do Iguaçu, PR, Brazil

Isabela Pavan Silva

02.040 Social Isolation Stress Impairs Fear Extinction Recall in Mice: Effect is Reverted By a Fatty Acid Amide Hydrolase Inhibitor. Silva IP^{1,2}, Coelho AA^{1,2}, Lisboa SF¹ ¹FCFRP-USP, Dpt of BioMolecular Sciences, ²FMRP-USP, Dpt of Pharmacology

MSc Student

Gabriella Candido

02.001 Effects of the Poloxamer P188 and the Dispersion P188 and Hydroalcoholic Extract of Propolis in Mice Submitted to Bilateral Occlusion of the Common Carotid Arteries. Candido G¹; Kohara NAN¹; dos Santos RS²; Bruschi ML²; Milani H¹; de Oliveira RMW¹. ¹UEM Maringá, Lab. of Pharmacology and Therapeutics, Brazil; ²UEM Maringá, Lab. of Research and Development of Drug Delivery Systems, Brazil

PhD student

Camila Andre Cazarin

02.009 P-coumaric Acid Derivates from Brazilian Green Propolis Attenuate Behavioral Changes, Oxidative Stress and Barriers Damage in DSS-induced Colitis Model. Cazarin CA¹, Bauer ER¹, Valachinski AW¹, Longo B¹, Basílio MI¹, Machado MS¹, Silva TFQ¹, Cury BJ¹, Venzon L¹, França TCS¹,

Santos AC¹, Nunes RKS¹, Bastos JK², da Silva LM¹, de Souza MM¹.¹Univali Itajaí, PPG Ciências Farmacêuticas, Brazil; ²USP, Faculdade de Ciências Farmacêuticas, Ribeirão Preto, Brazil

Matheus Augusto Patricio de Almeida

02.042 Neuroinflammation Induced by *Klebsiella pneumoniae* and the Role of PPAR- γ . Almeida MAP¹²³, Costa MF¹², Moraes-de-Souza I¹², Moraes BPT¹²³, Bozza PT¹, Castro-Faria-Neto HC¹, Gonçalves-de-Albuquerque CF¹, Trindade P4, Silva AR¹²³. ¹IOC-Fiocruz, Immunopharmacology Lab., Rio de Janeiro, Brazil; ²Unirio, Immunopharmacology Lab., Dpt of Physiological sciences, Rio de Janeiro, Brazil; ³UFF, PPG Neurosciences, Niterói, Brazil; ⁴UFRJ, Pharmacy Faculty, Dpt of Clinical and toxicological analyses

03. Psychopharmacology

MSc Student

Bruna Longo

03.001 Longo B, Nunes RKS, Cazarin CA, Silva TFO, Dos Santos AC, Venzon L, Da Silva LM, Pagliochi ACS, Sievers J, Pilati SFM, De Souza MM, Da Silva LM. Univali, Postgraduate in Pharmaceutical Sciences, SC, Brazil

Odaias Pereira de Almeida Filho

03.025 Evaluation of the Effect of the Hydroalcoholic Extract of *Heteropterys tomentosa* on Memory in Mice. Almeida Filho OP¹, Pires JCB², Santana JVS², Freitas-Júnior RAF³, Buccini DF¹, Munhoz CD¹, Moreno SE¹. ¹USP, Dpt Pharmacology, PPG pharmacology, Brazil; ²UCDB, PPG Biotechnology, ³UFMS PPG Biotechnology

PhD student

Isabel Werle

03.006 Effects of Ayahuasca on The Extinction of Contextual Aversive Memories in Rats. Werle I, Nascimento LMM, Bertoglio LJ UFSC, Dept of Pharmacology, Florianópolis, Brazil

04. Inflammation and Immunopharmacology

IC/Undergraduate Student

Maria Alice dos Santos Mascarenhas Brito

04.006 The Therapeutic Potential of *Arrabidaea chica* Verlot (Bignoniaceae) in Pulmonary Sepsis. Brito MASM^{1,2,3}, Chagas MSS^{1,2}, Moragas-Tellis CJ³, Silva AR², Behrens MD³, Gonçalves-de-Albuquerque CF^{1,2}. ¹Unirio Rio de Janeiro, Dpt of Physiological Sciences, Brazil, ²IOC-Fiocruz, Rio de Janeiro, Immunopharmacology Lab., Brazil, ³Farmanguinhos, Natural Products Lab., Rio de Janeiro, Brazil

MSc Student

Aryella Maryah Couto Correa

04.009 Evaluation of Cannabinoid Receptor Modulation in the Activation of Human Peripheral Neutrophils. Correa AMC^{2,3}, Pádua TA², Seito LN², Silva PRO², Santos SOS², Henriques MGMO^{1,2,3}. ¹IBRAG-UERJ, Lab. of Cellular and Molecular Pharmacology, Dept of Cell Biology, Rio de Janeiro, Brazil, ²Fiocruz-Farmanguinhos, Lab. of Applied Pharmacology, Rio de Janeiro, Brazil, ³UERJ-IBRAG - PPG in Biosciences

Carolina Medina Coeli da Cunha

04.016 Effect of the Tyrosine Kinase Inhibitor Bosutinib on Sepsis-Induced Brain Dysfunction.

Cunha CMCD^{1,2,3}, Moraes BPT^{1,2,3}, Abreu VHP^{1,2}, Soares GVM^{1,2}, Moraes-de-Souza IM^{1,2}, Almeida MAP^{1,2,3}, Estado V³, Sayão PGF^{1,2}, Souto HA^{1,2}, Bozza PT², Castro-Faria-Neto HC², Silva AR^{2,3}, Gonçalves-de-Albuquerque CF^{1,2,3} ¹Unirio, Immunopharmacology Lab, Dept of Physiological Sciences, Rio de Janeiro, Brazil, ²IOC-Fiocruz, Immunopharmacology Lab, Brazil, ³UFF, PPG in Neurosciences, Niterói, Brazil

PhD student

Renata Rocha do Nascimento

04.019 SARS-CoV-2 Spike Glycoprotein Ectodomain Induces Gut Inflammation, Luminal Hydroelectrolyte Imbalance, and Impairs Mucosal Integrity in a Novel Murine Model.

Nascimento RR¹, Aquino CC¹, Sousa JK^{1,4}, Cajado AG¹, Gadelha KKL¹, Rocha JA², Medeiros JVR², Magalhães PJC¹, Gois BM³, Wong DVT¹, Lima-Junior RCP¹, Lima AAM¹, Engevik AC⁵, Nicolau LAD², Vale ML¹ ¹UFC, Dpt of Physiology and Pharmacology, Fortaleza, Brazil, ²UFDPAr, Biotechnology and Biodiversity Center Research, Parnaíba, Brazil, ³UFR, Faculty of Health Sciences, Rondonópolis, Brazil; ⁴University of Virginia School of Medicine, Division of Infectious Diseases & International Health, Charlottesville, USA; ⁵Medical University of South Carolina, Dpt of Regenerative Medicine and Cell Biology, Charleston, USA

Antônio Felipe Silva Carvalho

04.024 Role of Glucocorticoid-Induced Leucine Zipper in a Pre-Clinical Model of Pneumonia caused by Pseudomonas aeruginosa.

Carvalho AFS¹, Cardoso C², Lara ES¹, Augusto IL³, Caixeta RS³, Zaidan I^{2,7}, Montuori-Andrade ACM^{2,8}, Lima EBS¹, Carneiro FS¹, Monteiro AHA², Queiroz-Junior CM⁴, Russo RC⁵, Bruscoli S⁹, Teixeira MM⁶, Sousa LP^{1,2,3}. ¹UFMG Belo Horizonte, PPG Clinical and Toxicological Analysis, Brazil, ²UFMG Belo Horizonte, PPG Pharmaceutical Sciences, Brazil, ³UFMG Belo Horizonte, Dpt of Clinical and Toxicological Analysis, Brazil, ⁴UFMG Belo Horizonte, Dpt of Morphology, Brazil, ⁵UFMG Belo Horizonte, Dpt of Physiology and Biophysics, Brazil, ⁶UFMG Belo Horizonte, Dpt of Biochemistry and Immunology, Brazil, ⁷USP Ribeirão Preto, Dpt of Cellular and Molecular Biology, Brazil, ⁸USP Ribeirão Preto, Dpt of Immunology, Brazil, ⁹University of Perugia, Dpt of Medicine and Surgery, Italy.

Postdoctorate/Pos-Doc

Amanda da Costa Cotias Santana

04.031 Effect of JMXiBn, a Non-Anesthetic Bupivacaine Analogue, on a Murine Model of Asthma Marked by Steroid Resistance.

Cotias AC, Serra MF¹, Azevedo, CT¹, Costa JCS², Bernardi, A¹, Carvalho, VF¹, Cordeiro RSB¹, Silva PMR¹, Martins MA¹ ¹IOC-Fiocruz, Lab. de Inflamação, ²Farmanguinhos-Fiocruz, RJ, Brazil

MSc Student

Filipe Camargo Rodrigues

04.046 Paroxetine Reduces Adrenergic Receptor Internalization.

Rodrigues FC^{1,2}, Galant LS^{1,2}, Kanashiro A^{1,2}, Borges FV^{1,2}, Duarte DA³, Costa Neto CM³, Pupo AS⁴, Cunha FQ^{1,2} ¹FMRP-USP, Dept. of Pharmacology, Brazil; ²FMRP-USP, Center of Research in Inflammatory Diseases, Brazil; ³FMRP-USP, Dept. of Biochemistry and Immunology, Brazil; ⁴IBB-Unesp-Botucatu, Dept of Biophysics and Pharmacology, Brazil

Postdoctorate/Pos-Doc

Amanda da Silva Chaves

04.052 The Role of the Renin-Angiotensin System on the Hyperactivity of the Hypothalamus-Pituitary-Adrenal Axis in a Mouse Model of Type 1 Diabetes. Chaves AS, Magalhães NS, Silva PMR, Martins MA, Carvalho V IOC-Fiocruz, Lab. of Inflammation, Rio de Janeiro, Brazil Rio de Janeiro, Brazil

05. Pain and Nociception Pharmacology

MSc Student

Náthaly Andrighetto Ruviaro

05.007 Evaluation of TRPV4 Channel Participation in a Type I Complex Regional Pain Syndrome Induced Nociception Model in Mice. Ruviaro NA¹, Rodrigues P², Peres DS², Frare JM², Trevisan G¹
¹UFMS, PPG Biological Sciences: Toxicological Biochemistry, Brazil. ²UFMS, PPG Pharmacology, Brazil

PhD student

Fernanda Tibolla Viero

05.018 TRPA1 Modulates Nociception in a Model of Migraine-Like Behavior Caused by Unpredictable Sound Stress in Mice. Viero FT¹, Rodrigues P¹, Nassini R², Geppetti P², Trevisan G¹
¹UFMS, Graduate Program in Pharmacology, Santa Maria, RS, Brazil. ²University of Florence, Dept of Health Science, Clinical Pharmacology and Oncology, Florence, Italy.

06. Cardiovascular and Renal Pharmacology

IC/Undergraduate Student

Nao Hosomi

06.004 Upregulated Hexosamine Pathway contributes to Aneurysmal Vascular Lesion. Hosomi N^{1,2,3}, Silva JF^{1,4}, Alves JV¹, Costa R^{1,5}, Mestriner F^{6,7}, Nguyen TAV², Becari C^{6,7}, Yanagisawa H^{2,8}, Tostes R¹
¹FMRP-USP, Dpt of Pharmacology, Brazil, ²TARA-University of Tsukuba Life Sciences Center for Survival Dynamics, Ibaraki, Japan, ³University of Tsukuba, School of Medicine and Health Sciences, College of Medical Science, Ibaraki Japan, ⁴University of Arizona, Dpt of Physiology, Tucson, USA, ⁵UFJ, Academic Unit of Health Sciences, Brazil, ⁶FMRP-USP, Dpt of Surgery and Anatomy, Brazil, ⁷FOB-USP, Dpt of Biological Sciences, Brazil, ⁸University of Tsukuba, Faculty of Medicine, Ibaraki Japan

MSc Student

Luan Victor Resque Ramos

06.021 The Influence of C3a on Matrix Metalloproteinase (MMP)-2 Activity and Oxidative Stress in Angiotensin-II-induced Hypertension. Ramos LVR Ramos LVR, Mello MM, Castro MM FMRP-USP, Dept of Pharmacology.

PhD student

Filipe Rodolfo Moreira Borges de Oliveira

06.010 Protein SUMOylation is involved in Renal Resistance against Ischemia after Hemorrhagic Shock. Oliveira FRMB¹, Soares ES¹, Ramos HP¹, Lättig G², Harms C², Cimarosti HI¹, Sordi R¹. ¹UFSC, PPG Pharmacology, Florianópolis, Brazil; ²Charité Hospital, Center for Stroke Research, Germany.

Vinicius Flora Dugaich

06.015 Elastase-2, an angiotensin II forming enzyme, is upregulated in human abdominal aortic aneurysm. Dugaich VF¹, Mestriner F¹, Carlos Corsi¹, Franco D¹, Vasconcelos J¹, Jordani MC¹, Ribeiro

MS¹, Becari C². ¹FMRP-USP, Div. of Vascular and Endovascular Surgery, Dept of Surgery and Anatomy, Ribeirão Preto, SP, Brazil. ²FOB-USP, Dept of Biological Science, Bauru, SP, Brazil

Fabiola Mestriner

06.027 The Deletion of Elastase-2, an Angiotensin-II Forming Enzyme, Changes Typical Abdominal Aortic Aneurysm Phenotype in Mouse Model. Mestriner F¹, Ribeiro MS¹, Couto AES¹, Dugaich VF¹, Kovacs HZ¹, Francisco DF¹, Corsi CAC¹, Vasconcelos JL¹, Bruch P¹, Melo MMB², Neto J², Nakagi VS¹, Costa RM², Castro MM², Tostes R², Becari Christiane,^{2,3} ¹FMRP-USP, Division of Vascular and Endovascular Surgery, Dept of Surgery and Anatomy ²FMRP-USP, Dept of Pharmacology, Ribeirão Preto, SP, Brazil. ³FOB-USP, Dept of Biological Science, Bauru-SP, Brazil

Mirele Resende Machado

06.033 Estrogen has a Protective Role Against Endothelial Glycocalyx Shedding caused by SARS-CoV-2 Infection. Machado MR1, Potje SR2, Costa TJ1, Benatti NR3, Martins Júnior RB4, Costa RM5, Tostes RC1 ¹FMRP-USP, Dept.of Pharmacology, Brazil, ²UEMG, ³HCFMRP-USP, ⁴FCFRP-USP, ⁵UFJ

07. Endocrine, Reproductive and Urinary Pharmacology

IC/Undergraduate Student

Carolina De Moraes Silveira Peixe

07.009 Neonatal Overnutrition causes Opposite Effects on Biometric Parameters and Glucose Homeostasis in a Model of Intrauterine Growth Restriction. Peixe CMS¹, Lorenzon F¹, Gregorio T², Santos LC², Santangelo E¹, Baptista G³, Santos GJ², Lima FB² ¹UFSC, Dpt. of Physiological Sciences, Florianópolis, ²UFSC Florianópolis, PPG multicenter in Physiology Sciences, Brazil, ³UFSC, PPG Pharmacology, Florianópolis, Brazil

PhD student

Rafaella Valente Nunes Paiva

07.003 The Effects of Hypothyroidism Progression Over the Melatonergic System in the Reproductive Tract of Male and Female Rats. Paiva RVN^{1,2}, Mondes PHL¹, Brandão BJ¹, SantAnna JN¹, Santos MEF¹, Santos LC², Markus RP³, Fernandes PACM³, Silva JF², Tamura EK¹. ¹UESC, Dpt. of Health Sciences, Chronobiology Research Group, Ilhéus, Brazil; ²UESC, Dpt. of Biological Sciences, Center for Research in Reproduction and Endocrinology, Ilhéus, Brazil; ³USP, Dpt. of Physiology, Lab. of Chronopharmacology, São Paulo, Brazil

08. Respiratory and Gastrointestinal Pharmacology

MSc Student

Matheus Marley Bezerra

08.001 Antiulcerogenic Activity of Hesperetin and Carveol in Animal Models. Pessoa MMB¹, Pessoa MLS¹, Alves VP, Silva ML, Araruna MEC, Alves Junior EB, Batista LM UFPB

09. Natural Products and Toxinology

IC/Undergraduate Student

Erick Gabriel Alves Ferreira

09.027 Methyl Cinnamate Suppresses TGF- β 1-Induced Epithelial-Mesenchymal Transition in Airway Epithelium Through Inhibition of NF- κ B p65 Translocation. Ferreira EGA, Barros ABB, Silva JP, Fidelix MSP, Carmo JOS, Santana JR, Barreto E UFAL, Lab. of Cell Biology, Brazil

Poliana de Jesus Demico

09.002 Enzymatic and Neuromuscular Activities of *Crotalus durissus ruruima* (Viperidae: Crotalinae) Venom and Neutralization by Therapeutic Antivenom in vitro. Demico PJ¹, Oliveira IN¹, Torres-Bonilla KA², Hyslop S², Moura-da-Silva AM³, Rocha AM⁴, Maciel JB⁴, Sartim MA⁴, Pucca M⁴, Monteiro WM⁴, Floriano RS¹. ¹Unoeste, Lab of Toxinology and Cardiovascular Research, Presidente Prudente, Brazil; ²FCM-Unicamp, Campinas, Dpt of Translational Medicine, Brazil; ³IB, Lab of Immunology, São Paulo, Brazil; ⁴UEA, Graduate Program in Tropical Medicine, Manaus, Brazil

MSc Student

Maria Heloisa Barbieri de Souza

09.040 Topical Preclinical Therapeutic Efficacy of a New Full-spectrum Cannabis Oil for Skin Diseases. Souza MHB¹, Ortega LYM¹, Maso JM¹, Kava J², Araújo FS², Stern CAJ¹, Otuki MF¹, Cabrini DA¹. ¹UFPR, PPG Pharmacology, Curitiba, Brazil. ²Lab. REAJA, Curitiba, Brazil

PhD student

Natalia Mulinari Turin de Oliveira

09.016 Polysaccharides from Guavira Waste: Biotechnological and Therapeutic Application in Inflammatory Bowel Disease. Mulinari-Turin de Oliveira N¹, Bueno LR¹, Schneider VS², Souza ML⁵, Barbosa da Luz B², da Costa Filho HB³, Sousa PSA⁴, Werner MFP², Rocha JF⁴, Gois MB⁵, Nicolau LAD⁴, Cordeiro LMC², Maria-Ferreira D¹. ¹IPPPP, FPP, PPG Biotecnologia Aplicada a Saúde da Criança e do Adolescente, Curitiba, Brazil; ²UFPR, Dpt de Bioquímica e de Farmacologia, Curitiba, Brazil; ⁴UFSC, Fortaleza, Dpt de Fisiologia e Farmacologia, Brasil; ⁵UFDPPar Parnaíba, PPG em Biotecnologia, Brazil; ⁶UFR, Rondonópolis, Brazil

Postdoctorate/Pos-Doc

Vanessa Andreatta de Quadros

09.023 Effects of Chlorogenic and 3,5-Dicaffeoylquinic acids on the Proliferation and Differentiation of C2C12 Myoblasts. Quadros VA^{1,2,3}, da Silveira^{1,4}, Purgatto E^{2,3}, Moreira V¹. ¹Unifesp, Dept of Pharmacology, Brazil; ²FCF-USP Dept of Food and Experimental Nutrition; ³FoRC-USP, Food Research Center, São Paulo, Brazil; ⁴Associated Lab. for Sustainability and Technology in Mountain Region, Portuga

10. Cancer Pharmacology

IC/Undergraduate Student

Maria Clara Andrade do Nascimento

10.003 Effects of Proteolytic Fraction on Alt Levels and Hematological Profile in Two Murine Colorectal Cancer Models. Nascimento MCA^{1,3}; Batista CL^{2,3}; Cavalcante KDM^{1,3}; Paixão MS³; Melo AAS^{1,3}; Silva IS^{2,3}; Lopes MTP⁴, Dittz D^{2,3} ¹UFPI Biology Dept., ²UFPI, PPG Pharmacology; ³UFPI, Cancerology Lab., ⁴UFMG, Pharmacology Dept

MSc Student

Lara Priscila Freitas Ferreira

10.013 Antioxidant Effect of Ascorbic Acid and its Cytotoxic Activity on Murine Breast Adenocarcinoma Cells. Ferreira LPF^{1,2}, Silva ACA^{2,3}, Santos BLB^{3,4}, LEAL BS^{1,2}, Cavalcante KDM¹, Nascimento MCA¹, Menezes DP^{1,3}, Silva MTBS^{2,3,4}, Dittz D^{1,2} ¹UFPI Lab. of Experimental Cancerology, Brazil; ²UFPI PPG Pharmacology, Brazil; ³UFPI PPG Pharmaceutical Sciences, Brazil; ⁴UFPI Lab. of Physiology, Brazil

PhD student

Rafael Sampaio Pimentel

10.014 Implication of Neuroinflammation Triggered by the Tumor Microenvironment in the Progression of Glioblastoma. Pimentel RS¹, Nóbrega AHL¹, De Sá Coutinho D¹, Santos, ARC², Martins MA¹, Frozza RL², Bernardi A¹ ¹IOC-FIOCRUZ, Lab. of Inflammation, Rio de Janeiro, Brazil; ²IOC-FIOCRUZ Lab. on Thymus Research, Oswaldo Cruz Institute, FIOCRUZ, Rio de Janeiro, Brazil

11. Clinical Pharmacology, Pharmacokinetics, Pharmacogenomics and Toxicology

IC/Undergraduate Student

Victor Emanuel Guimaraes da Silva

11.018 A Phase-4 Cohort Study in Healthcare Workers Following COVID-19 Vaccination at the University of Brasília Hospital: Population Profile and Longitudinal Humoral Response. Silva VEG¹, Silva VEG¹, Oliveira HR¹, Silva DLM^{2,3}, Duarte, DB⁴. ¹UnB Brasília, Lab. of Pharmacological Assays, Dpt. of Pharmacy, Brazil; ²HUB-UnB, Brazil; ³UnB Brasília, PPG in Public Health, Brazil ⁴UnB, PPG in Tropical Medicine, Brasília, Brazil

MSc Student

Laura Ben Olivo

11.024 Model-Informed Precision Dosing for Tacrolimus to Improve Graft-Host-Disease Prevention in Brazilian Patients. Olivo LB¹, Olivo LB¹, Pinhatti AV², Wermann S¹, Porto GO¹, Dias BB¹, Zuckermann J², Daudt LE³, Araújo BV¹ ¹UFRGS, Pharmaceutical Sciences Graduate Program; Porto Alegre; Brazil ²HCPA-UFRGS, Pharmacy Service, Porto Alegre, Brazil ³HCPA-UFRGS, Hematology Service, Porto Alegre, Brazil

12. Drug Discovery and Development

IC/Undergraduate Student

Ellen Schavarski Chade

12.004 Ketoconazole Cocrystal as an Alternative to Improve the Solubility and Antifungal Activity. Chade ES², Chade ES², Goes AKS¹, Brancalione RC², Bernardi LS², Zela SJ¹, Murakami FS³, Oliveira PR^{1,2} ¹Unicentro, PPG Pharmaceutical Sciences, Guarapuava, Brazil; ²Unicentro, Dpt of Pharmacy, Guarapuava, Brazil; ³UFPR, PPG Pharmaceutical Sciences, Curitiba, Brazil

MSc Student

Rodrigo dos Anjos Miguel

12.007 Encapsulation of Seriniquinone into PLGA Nanoparticles Improves its Solubility and Prolongs its Release. Miguel RA¹, Miguel RA¹, Hirata AS¹, Martins TS², Lopes LB¹, Costa-Lotufo LV¹. ¹ICB-USP, Dpt of Pharmacology, Brazil; ²Unifesp-Diadema, Dpt of Chemistry, Brazil

14. Pharmacology: Other

MSc Student

Rosana Lopes Rodrigues Amon

14.003 Irradiated Mesenchymal Stem Cells: Influence of the Bystander Effect on Hematopoiesis Controls. Amon RLR, Almeida B, Pedro AN, Makiyama EN, Fock RA FCF-USP, PPG Pharmacy, São Paulo, Brazil

Gabriela Sandri

14.004 Use of Konjac Glucomannan-Enriched Gummy Candy on Biochemical, Oxidative Parameters, Appetite Reduction, and Anthropometric Measurements in Overweight Women.

Sandri G¹, Fernandes ACS¹, Muxfeld L², Motta NG¹, Skonieski C³, Fagundes KR¹, Chaves DB¹, Suthovski G¹, Gallina AL⁴, Borstmann SMA¹, Martini MC¹, Wagner TCL¹, Benvegnú DM¹ ¹UFFS - Campus Realeza/PR - PPG em Saúde, Bem-Estar e Produção Animal Sustentável na Fronteira Sul ²Unioeste, UEM. PPG em Ciência de Alimentos ³UFSM, ⁴Unioeste-Campus Guarapuava

PhD student

Helber da Maia Valença

14.014 Modulation of in vivo Adiposity and in vitro Adipogenesis Via Nrf2/Keap1 Pharmacological Signaling. Valença HM, Moraes JA, Valença SS ICB-UFRJ, Rio de Janeiro, Brazil

Postdoctorate/Pos-Doc

Regina Gomes Daré

14.005 Development and Evaluation of Nanostructured Lipid Carriers for co-delivery of Simvastatin and Adenosine for the treatment of Difficult-to-Heal Cutaneous Ulcers Daré RG¹, Lopes LB¹. ¹ USP São Paulo, Dpt of Pharmacology, Brazil