MELHORES PAINÉIS 2018

01. Cellular and Molecular Pharmacology

Undergraduate Student

Gabriel Palermo Ruiz

01.010 **A pharmacological and non-pharmacological method of inducing cellular rhythm to visualize Dicer expression pattern in adipocytes**. Ruiz GP[1], Rodrigues JQD[1], Castrucci AML[2], Mori MAS[1] [1]Unicamp – Bioquímica e Biologia Tecidual, [2]IB-ICB-USP

Graduate Student (Doctoral)

Thaise Boeing

01.003 **Luteolin attenuates the inflammatory process and oxidative stress on intestinal mucositis induced by irinotecan in a PPARg dependent way** Boeing T[1], De Souza P[1], Speca S[2], Somensi LB[1], Cury BJ[1], Mariano LNB[1], Mena AM[2], Dubuquoy L[2], Bertin B[2], Desreumaux P[2], Da Silva LM[1], Andrade SF[1] [1]Univali – Pharmaceutical Sciences, [2]Université de Lille - Médecine

Andre Mueller

01.025 **Lipopolysaccharide (LPS) alters the functional Alpha-1 adrenoceptor subtype in the rat distal cauda epididymis smooth muscle.** Mueller A[1,2], Silva AAS[1], Silva ERJ[1], Pupo AS[1] [1]IBB-Unesp – Farmacologia, [2]UFMT – Ciências da Saúde

Pos-Doc

Paulo Vinicius Gil Alabarse

01.022 **Methyl Gallate effect over osteoclast differentiation and activity.** Alabarse PVG[1], Correa LB[2], Henriques MG[2], Rosas EC[2], Fukada SY[1] [1]FCFRP-USP – Física e Química, [2]Fiocruz – Farmanguinhos

02. Neuropharmacology

Undergraduate Student

Ágnis Iohana de Souza Grefenhagen

02.015 **Aging process impacts epigenetic markers in hippocampal Brain-Derived Neurotrophic Factor (*BDNF*) gene promoter: Effect of exercise modalities.** Grefenhagen ÁIS[1], Meireles LCF[2], Walker DM[3], Galvão F[2], Cechinel LR[2], Palazzo RP[4], Lovatel GA[5], Nestler EJ[3], Siqueira IR[1,2,4] [1]UFRGS – Farmacologia, [2]UFRGS – Fisiologia, [3]Icahn School of Medicine at Mount Sinai – Neuroscience and Friedman Brain Institute, [4]UFRGS – Farmacologia e Terapêutica, [5]UFSC – Fisioterapia

Graduate Student (Doctoral)

Fernanda Troyner

02.002 **Thalamic nucleus reuniens activity during consolidation influences fear memory specificity, long-term maintenance and plasticity in the hippocampus and pre-frontal cortex.** Troyner F, Bicca MA, Bertoglio LJ UFSC – Farmacologia

03. Psychopharmacology

Graduate Student (Master)

Janaína Paola Schwerz

03.001 **Cytochrome oxidase activity mapping in brain after physical and psychological stresses applied in unpredictable continuous mild stress (UCMS) protocols** Schwerz JP[1,2], Homem KSC[1,2], Ramos AT[3,1], Dominguez CM[1], Soares MM[1], Scavone C[3], Troncone LRP[1,2] [1]IBu – Farmacologia, [2]IP-USP – Neurociências e Comportamento, [3]ICB-USP – Farmacologia

Pos-doc

Marcos Brandão Contó

03.004 **Interaction between antidepressant doses of ketamine and the rewarding dose of ethanol: Their effects on pro-apoptotic receptor P75 and anti-apoptotic receptor TRKB.** Contó MB, Camarini R USP – Farmacologia

04. Inflammation and Immunopharmacology

Undergraduate Student

Aryella Maryah Couto Correa

04.052 **Suppression by ipatropium bromide of late lung fibrosis caused by silica particles in mice.** Correa AMC, Ferreira TPT, Arantes ACS, Lima JCS, Silva CD, Martins MA, Silva PMR Fiocruz – Fisiologia e Farmacodinâmica

Graduate Student (Master)

Filipe Oliveira

04.020 **The Role of (De)nitrosylation in inflammatory parameters of pneumosepsis pathogenesis.** Oliveira FRMB[1], Rosales TO[1], Mattos JEL[1], Assreuy J[2] [1]UFSC, [2]UFSC – Farmacologia

Débora Radulski

04.029 **RANK/RANKL/OPG system in endotoxin-induced febrile response in female rats**. Radulski DR, Matias ME, Zampronio AR UFPR – Farmacologia

Bárbara Betônico Berg

04.057 **The effect of cannabinoids in the reduction of inflammatory response in graft-versus-host-disease in mice.** Berg BB[1], Soares JS[1], Paiva IR[1], Silva VP[2], Teixeira MM[2], Rezende BM[3], Campos AC[4], Rachid MA[5], Romero TRL[6], Romero MGMC[6] - [1]ICB-UFMG – Farmacologia e Fisiologia, [2]ICB-UFMG – Morfologia, [3]UFMG – Enfermagem, [4]FMRP-USP – Farmacologia, [5]ICB-UFMG – Patologia, [6]ICB-UFMG – Farmacologia

Aline Dias de Almeida

04.061 **Effect of proteinase-activated receptor (PAR)2 antagonist on the neutrophil migration induced by LPS in mice C57BL/6.** Almeida AD, Klein A UFMG – Farmacologia

Graduate Student (Doctoral)

Evelyn Nunes Goulart da Silva

04.003 **Hepatic microvascular dysfunction and increased advanced glycation end products are components of non-alcoholic fatty liver disease** Pereira ENGDS[1], Silvares RR[1], Flores EEI[1], Rodrigues KL[1], Tibiriça EV[2], Daliry A[1] [1]Fiocruz – Investigação Cardiovascular, [2]INC – Pesquisa e Ensino

Jordana Rodrigues de Santana

04.007 **trans-Cinnamic acid attenuates inflammatory response *in vivo* and prevents neutrophil adhesion to endothelial cells *in vitro*.** Santana JR[1], Santos SL[1], Alves PR[1], Cavalcante-Araújo PM[1], Conserva LM[2], Ferro JNS[1,3], Barreto E[1] [1]UFAL – Biologia Celular, [2]UFAL – Química de Produtos Naturais, [3]UFPE – Terras Raras

Pedro Henrique Bonfitto

04.041 **TNF-α reduces ADP- and thrombin-induced platelet aggregation via PKCε, AP-1 and IKK activation.** Bonfitto PHL, Marcondes S FCM-Unicamp – Farmacologia

Luana Barbosa Correa

04.045 **Methyl gallate attenuates Toll-Like ligands-induced inflammation: effect on NF- κ B and MAPK activation.** Correa LB[1], Seito LN[1], Cunha TM[2], Rosas EC[1], Henriques MG[1] [1]Fiocruz – Farmacologia Aplicada, [2]FMRP-USP – Farmacologia

Pos-doc

Rodrigo Braccini Madeira da Silva

04.031 **Fourth-generation immucillin as a new strategy for multiple sclerosis: pre-clinical evidence.** Silva RBM[1,2], Bergo PHF[3], Machado P[2], Rodrigues-Junior VS[2,1], Campos MM[1,2,4] [1]PUCRS – Toxicologia e Farmacologia, [2]PUCRS –Tuberculose, [3]PUCRS –Medicina, [4]PUCRS – Ciências da Saúde

05. Pain and Nociception Pharmacology

Undergraduate Student

Thiago Vieira

05.010 **Angiotensin II Type 2 receptor antagonism as treatment of acute gouty attack, including those precipitated by the use of antihypertensive drugs.** Vieira TN[1], Silva CR[1], Ferreira J[2] [1]UFU – Biotecnologia, [2]UFSC – Farmacologia

Graduate Student (Master)

Jonathan Paulo Agnes

05.014 **Comparative analysis of different antioxidants in oxaliplatin-induced peripheral neuropathy in mice.** Agnes JP, Santos VW, Gonçalves RM, Delgobo M, Macedo Júnior SJ, Ferreira J, Zanotto-Filho A UFSC – Farmacologia

Francisco Isaac Fernandes Gomes

05.026 **Involvement of Succinate Receptor GPR91 in the pathophysiology of paclitaxel-induced peripheral neuropathic pain.** Gomes FIF, Kusuda R, Silva NR, Guimarães RM, Lopes AHP, Silva NIQ, Alves JCF, Cunha FQ, Cunha TM FMRP-USP – Farmacologia

Graduate Student (Doctoral)

Ana Paula Aquistapase Dagnino

05.002 **Nociceptin/orphanin FQ peptide receptor modulates fibromyalgia-like symptoms in mice.** Dagnino APA[1], Silva RBM[2], Chagastelles PC[2], Venturin GT[3], Pereira TCB[2], Bogo MR[2], Greggio S[3], Campos MM[4] [1]PUCRS – Biologia Celular e Molecular, [2]PUCRS – Medicina e Ciências da Saúde, [3]Inscer-PUCRS, [4]PUCRS – Odontologia

06. Cardiovascular and Renal Pharmacology

Undergraduate Student

Raysa da Silva Farias

06.027 **Physiopathology mechanisms of cardiovascular disease programmed by perinatal undernutrition in male and female Wistar rats.** Farias RS, Araújo GA, Marques EB, Rocha NN, Scaramello CBV UFF – Fisiologia e Farmacologia

Gracielle Amaral de Araújo

06.056 **Mechanisms of cardiovascular disease programed by perinatal overnourishment in male and female wistar rats.** Araújo GA, Farias RS, Marques EB, Rocha NN, Scaramello CBV UFF – Farmacologia e Fisiologia

Graduate Student (Master)

Bruno Vinicius Duarte Marques
06.042 **Impairment of anti-contractile effect of thoracic aorta PVAT of high fed diet mice involves AT2 but it is independent of Mas Receptor.** Marques BVD, Silva RNO, Akamine EH ICB-USP – Farmacologia

Graduate Student (Doctoral)

Thiago Corrêa
06.009 **Sepsis-induced long-term cardiac dysfunction in rats.** Correa T, da Silva-Santos JE UFSC – Farmacologia

Jéssica Antonini Troiano
06.016 **O-GlcNAcylation and the enzymes involved in this post-translational modification in blood vessels of normotensive and hypertensive pregnant rats.** Troiano JA[1], Potje SR[2], Graton ME[1], Silva DS[1], Costa RM[3], Tostes RC[3], Antoniali C[1] [1]Unesp-Araçatuba – Ciências Básicas, [2]USP – Física e Química , [3]USP – Farmacologia

Katiussia Pinho da Silva
06.050 **Effects of b-blockers with intrinsic sympathomimetic activities on myocardial dysfunction and immune response in septic mice.** Silva KP[1], Silva-Junior ED[2], Baker JG[3], Cunha FQ[4], Pupo AS[1] - [1]IBB-Unesp – Farmacologia, [2]UFRN – Biofísica e Farmacologia, [3]University of Nottingham – Queen's Medical Centre, [4]FMUSP – Farmacologia

07. Endocrine, Reproductive and Urinary Pharmacology

Graduate Student (Master)

Marina Delgobo
07.010 **N-Acetylcysteine and lipoic acid improve oxidative and inflammatory alterations in ovariectomized rats in an estrogen-independent manner.** Delgobo M, Agnes JP, Gonçalves RM, Santos VW, Zanotto-Filho A UFSC – Farmacologia

Graduate Student (Doctoral)

Thaise Boeing
07.017 **Preclinical evaluation of the diuretic and saluretic effects of (-)-Epicatechin and the result of its combination with standard diuretics.** Boeing T, Mariano LNB, da Silva RCMVAF, Cechinel-Filho V, Niero R, da Silva LM, Andrade SF, de Souza P Univali – Ciências Farmacêuticas

Pos doc

Luiz Ricardo de Almeida Kiguti
07.026 **The pro-ejaculatory effects of on-demand lorcaserin administration suggest 5-HT$_{2C}$ receptors activation as a new approach to delayed ejaculation.** Kiguti LRA[1], Pacheco TL[2], Kempinas WG[2], Antunes E[1] [1]FCM-Unicamp – Farmacologia, [2]IBB-Unesp – Morfologia

08. Respiratory and Gastrointestinal Pharmacology

Graduate Student (Master)

Edvaldo Balbino Alves Junior
08.014 **Evaluation of gastroprotective activity of estragole in animal models.** Alves Jr EB, Serafim CAL, Pessoa MLS, Formiga RO, Barros MEFX, Batista LM UFPB – Ciências Farmacêuticas

09. Natural Products and Toxinology

Undergraduate Student

Catarina Alves de Lima Serafim

09.034 **Evaluation of acute toxicity and antimicrobial activity of α-Asarone in experimental models.** Serafim CAL[1], Pessôa MLS[1], Alves Júnior EB[1], Formiga RO[2], Diniz Neto H[1], Lima EO[1], Batista LM[1] [1]UFPB – Pharmaceutical Sciences, [2]UFSC – Pharmaceutical Sciences

Carla Fiama Azevedo Medeiros

09.038 **Acute administration of linalool complexed with β-cyclodextrin produced a higher hypotensive effect compared with uncomplexed form**. Medeiros CFA[1], Camargo SB[1], Siqueira JS[2], Quintans LJ[2], Vasconcelos DFSA[1] [1]UFBA – Biorregulação, [2]UFS – Fisiologia

Graduate Student (Master)

Êmylle Ramos

09.024 **Neutralization of Crotoxin from** *Crotalus durissus terrificus* **by crotoxin neutralizing factor.** Pinto EKR[1], Natalia MVS[1], Paula LO[2], Patricia CC[2], Consuelo LFD[2], WalterLGC[1] [1]ICB-UFMG – Farmacologia e Fisiologia, [2]FUNED – Pesquisa e Desenvolvimento

Bruna Barbosa da Luz

09.030 *Sedum dendroideum* **tea infusion as a useful source of bioactive compounds for the healing of gastric ulcers.** Da Luz BB[1], Oliveira AF[2], Maria-Ferreira D[1], Dallazen JL[1], De Souza LM[3], Cipriani TR[2], Werner MFP[1] [1]UFPR – Farmacologia, [2]UFPR – Bioquímica e Biologia Celular, [3]Pesquisa Pelé Pequeno Príncipe - Bioquímica

Kristian Alberto Torres Bonilla

09.046 **Pharmacological effects and systemic alterations caused by** *Leptodeira annulata* **(Banded Cat-Eyed Snake; Dipsadidae) venom.** Torres-Bonilla KA, Justo AF, Dias L, Hyslop S Unicamp – Farmacologia

Graduate Student (Doctoral)

Rhanany Palozi

09.001 **Antiatherosclerotic Properties of *Echinodorus grandiflorus* (Cham. & Schltdl.) Micheli. - from antioxidant and lipid-lowering effects to anti-inflammatory role.** Palozi RAC[1], Gasparotto FM[1], Lívero FAR[2], Lourenço ELB[2], Gasparotto Junior A[1] [1]UFGD – Ciências da Saúde, [2]Unipar – Ciências da Saúde

10. Cancer Pharmacology

Graduate Student (Master)

Larissa Costa de Almeida

10.011 **Molecular and cellular mechanisms of pradimicin-IRD in colorectal cancer cells.** Almeida LC[1], Bauermeister A[2], Santos EA[3], Moraes LAB[2], Machado-Neto JA[1], Costa-Lotufo LV[1] [1]ICB-USP – Farmacologia, [2]FCFRP-USP – Física e Química, [3]ICB-USP – Biologia Celular e Molecular

Graduate Student (Doctoral)

Carlos Wagner Souza Wanderley

10.001 **Paclitaxel reduces tumor growth through reprogramming M2-like tumor-associated macrophages (TAMs) to a pro-inflammatory M1 phenotype via TLR4 activation**. Wanderley CW[1], Colón DF[2], Luiz JP[2], Oliveira FF[2], Viacava PR[2], Leite CA[2], Pereira JA[2], Silva CM[1], Silva CR[2], Silva RL[2], Speck-Hernandez CA[2], Mota JM[2], Alves-Filho JC[2], Lima-Júnior RC[1], Cunha TM[2], Cunha FQ[2] [1]UFC – Farmacologia e Fisiologia, [2]FMRP-USP – Farmacologia

12. Drug Discovery and Development

Undergraduate Student

Fernando Monteiro do Monte

12.010 **Critical assessment of binding assays for determination of drug-receptor residence time**. Monteiro FM, Noël F UFRJ – Farmacologia

14. Pharmacology Education and Technology

Graduate Student (Master)

Carolina do Prado Servian

14.006 **Maternal overweight and gestational weight gain associate with changes in vascular/perivascular tissue structure from human umbilical vein**. Servian CP[1], Mello JPL[2], Said MM[2], Morale SO[3], Costa RM[4], Peres APS[5], Filgueira FP[6], Lobato NS[6] [1]UFG – Biomedicina, [2]UFG – Ciências Biológicas e da Saúde, [3]UFG – Ciências Médicas, [4]UFG – Farmacologia e Fisiologia, [5]UFG – Ciências Morfológicas e Fisiológicas, [6]UFG – Farmácia e Farmacologia

Graduate Student (Doctoral)

Mayara C F Gewehr

14.002 **Obesity resistance of Thimet-oligopeptidase** *knockout* **mice**. Gewehr MCF[1], Teixeira AAS[2], Reckziegel P[1], Santos-Eichler RA[1], Câmara NOS[3], Castoldi A[3], Barreto-Chaves ML[4], Senger N[4], Akamine EH[1], Rosa JC[2], Ferro ES[1] [1]ICB-USP – Farmacologia, [2]ICB-USP – Biologia Celular, [3]ICB-USP – Imunologia, [4]ICB-USP – Anatomia