



MELHORES PAINÉIS 2016

01. Cellular and Molecular Pharmacology

Undergraduate Student

Mariana de Mendonça

01.017 Treatment of diet-induced obese mice with pioglitazone causes decrease of MIR-23b by adiponectin-independent pathway in skeletal muscle. Mendonça M, Sousa E, Rodrigues AC ICB-USP – Farmacologia

Graduate Student (Master)

Ana Clara Silva Pires Frony

01.022 Neutrophil microparticles: generation and role on inflammation. Frony AC¹, Moraes JA², Barcellos-de-Souza P³, Cunha M, Boisson-Vidal C⁴, Barja-Fidalgo TC¹ ¹UERJ, ²UFRJ, ³INCa, ⁴INSERM

Graduate Student (Doctoral)

Andre Machado Xavier

01.012 Co-expression of Olfr287 in a CD36-positive subpopulation of olfactory sensory neurons Xavier AM, Ludwig RG, Nagai MH, Almeida TJ, Watanabe HM, Hirata MY, Rosenstock TR, Papes F, Malnic B, Glezer I. Unifesp-EPM

02. Neuropharmacology

Undergraduate Student

Marina da Silva Boni

02.021 New cholinesterase inhibitors derived from cardanol for Alzheimer's disease. Boni MS¹, Guimarães MJR¹, Silva FMR¹, Couto GC¹, Castro NG¹, Romeiro LAS² ¹UFRJ, ²UCB

João Victor Roza Cruz

02.024 Cheek injection of the selective TRPV4 agonist GSK1016790A elicited scratching behavior in mice. Cruz JVR¹, Matias OD², Dias FC², Alves VS², Miranda ALP², Figueiredo CP², Costa R² ¹ICB-UFRJ, ²UFRJ – Farmácia

Leticia C Tavares

02.061 Role of Accumbens core in context-induced reinstatement of alcohol-seeking in rats. Tavares LC¹, Bianchi PC², Leão RM³, Palombo P², Carneiro-de-Oliveira PE², Planeta CS², Cruz FC⁴ ¹USP-São Carlos, ²FCFar-Unesp-Araraquara – Farmacologia, ³UFBA – Ciências da Saúde, ⁴Unifesp – Farmacologia

Graduate Student (Master)

Marina Cararo

02.035 Changes in α -Na,K-ATPase isoform expression and NMDAR-NOS signaling in hippocampus of klotho mutant mice, a genetic model of aging. Cararo MM, Mazucanti CH, Sala T, Andreotti D, de Sá Lima L, Scavone C, Kawamoto EM ICB-USP – Farmacologia

João Victor Cabral-Costa

02.039 Effects of neuronal PTEN haploinsufficiency on memory and synaptic markers. Cabral-Costa JV¹, Andreotti DZ¹, Mattson MP², Camandola S², Scavone C¹, Kawamoto EM¹ ¹ICB-USP – Farmacologia, ²NIA-NIH



MELHORES PAINÉIS 2016

Paola Palombo

02.044 Prelimbic cortex mediates context-induced relapse to alcohol. Palombo P¹, Leão RM², Bianchi PC¹, Carneiro-de-Oliveira PE¹, Planeta CS¹, Cruz FC³ ¹FCFar-Unesp-Araraquara – Farmacologia, ²UFBA – Biorregulação, ³Unifesp – Farmacologia

Graduate Student (Doctoral)

Patricia Gonçalves

02.001 Schizophrenia-related behavioral changes induced by repeated activation of cannabinoid receptors during brain development in mice. Gonçalves PFR, Macena MV, Silva FMR, Neves G – UFRJ

Débora D. Vecchia

02.008 Effect of ketamine in ultrasonic vocalizations in animal model of Parkinson's disease. Vecchia DD, Kanazawa LKS, Wendler E, Hocayen PAS, Vital MABF¹, Miyoshi E, Schwarting R, Andreatini R¹ ¹UFPR- Farmacologia

Jacqueline Alves Leite

02.010 Ouabain ameliorates synaptic plasticity and long-Term memory impairments induced by Chronic Unpredictable Stress. Leite JA, Orellana AMM, Andreotti DZ, dos Santos NB, de Sá Lima L, Kawamoto EM, Munhoz CD, Scavone C ICB-USP – Farmacologia

Auriana Serra Vasconcelos

02.015 Anxiolytic Effects of Riparin III in mice exposed to chronic stress. Vasconcelos AS¹, Oliveira ICM², Oliveira NF², Chaves RC², Capibaribe VCC², Lima FAV², Rodrigues GC³, Barbosa Filho JM⁴, Araujo MA², Silva DMA², Lopes IS², Valentim JT², Fernandes ML², Sousa FCF² ¹UFC – Fisiologia e Farmacologia, ²UFC – Fisiologia e Farmacologia, ³UFC, ⁴UFPB

Pos-Doc

Maíra Assunção Bicca

02.049 A novel potential target to Alzheimer's disease: Transient Receptor Potential Ankyrin 1 (TRPA1). Bicca MA^{1,2}, Santos ECS¹, Viola KL², Loch-Neckel G¹, Klein WL², Calixto JB¹ ¹UFSC – Farmacologia, ²Northwestern University – Neurobiology

03. Psychopharmacology

Undergraduate Student

Bismarck Rezende

03.012 Antinociceptive, anti-inflammatory and anxiolytic effects of a novel agonist of opioid receptor. Rezende B¹, Montes GC¹, Silva BNM², Silva BV², Sudo RT¹, Zapata-Sudo G¹ ¹UFRJ – Farmacologia e Química Medicinal, ²UFRJ – Química Orgânica

Graduate Student (Master)

Radharani Benvenuto

03.019 Psychopharmacological effects of N-Acetylcysteine. Benvenuto R, Santos P, Giongo FK, Fortes LS, Hermann AP, Elisabetsky E UFRGS



MELHORES PAINÉIS 2016

Graduate Student (Doctoral)

Cassiano Ricardo Alves Faria Diniz

03.005 TRKB-dependent antidepressant-like effect of losartan. Diniz CRAF¹, Casarotto PC², Castrén E², Joca SRL³ ¹FMRP-USP – Farmacologia, ²University of Helsinki, Finland – Neuroscience Center, ³FCFRP-USP – Física e Química

Amanda Juliana Sales

03.009 Antidepressant-like effect induced by S-adenosyl-L-methionine. Sales AJ¹, Joca SRL² ¹FMRP-USP – Pharmacology, ²FCFRP-USP – Physics and Chemistry

04. Inflammation and Immunopharmacology

Undergraduate Student

Juliano Vilela Alves

04.051 Evaluation of immunomodulatory effect of essential oil obtained from *Siparuna guianensis* Aublet towards lymphocytes obtained from mice bearing experimental autoimmune encephalomyelitis *in vitro*. Alves JV¹, Silva SKS¹, Silva CA¹, Silva AM², Rovarotto CF³, Silva GA³, Silva IR¹, Santos LMB, Farias AS³, Parise MR¹ ¹UFG, ²IFC, ³Unicamp

Gabriela Araujo de Azevedo

04.060 Adrenalectomy reverses the decreased lung inflammation presented by low birth weight rats. Azevedo GA¹, Gil NL¹, Silva MM¹, Fernandes L¹, Landgraf MAV^{2,3,4}, Landgraf RG¹ ¹Unifesp-Diadema – Ciências Farmacêuticas, ²Unifesp – Ciências Farmacêuticas, ³USP – Farmacologia, ⁴Unip

Andreza Pimentel

04.064 Nebulized gold nanoparticles down-regulates inflammation, mucus exacerbation and lung remodeling in a murine model of steroid-resistant asthma. Serra MF¹, Pimentel AS¹, Cotias AC¹, Lanzetti M¹, Hickmann J², Arantes ACS¹, Silva PMR¹, Cordeiro RSB¹, Barreto E², Martins MA¹ ¹Fiocruz – Fisiologia e Farmacodinâmica, ²UFAL

Aryella Maryah Couto Correa

04.065 Arginase 1 importantly contributes to lung fibrogenesis in silicotic Swiss-Webster mice. Correa AMC, Dias DF, Ferreira TPT, Ciambarella BT, Arantes ACS, Martins MA, Martins PMRS ¹Fiocruz

Graduate Student (Master)

Sara Rodrigues Garbin

04.071 Acute lung inflammation induced by intestinal ischemia and reperfusion is influenced by ovariectomy in obese mice. Rodrigues-Garbin S¹, Fantozzi ET¹, Ricardo-da-Silva FY¹, Oliveira-Filho RM¹, Rizzo-Vasquez Y², Tavares-de-Lima W¹ ¹ICB-USP, ²Sackler Institute – Kings College

Lenio Togni

04.073 Chemical and surgical models of temporomandibular osteoarthritis display distinct patterns of local inflammation in rats. Togni L^{1,2}, Abreu MC¹, Silva RB^{1,3}, Campos MM^{1,2,3} ¹INTOX-PUCRS – Toxicologia Pré-clínica, ²PUCRS – Patologia, ³PUCRS – Medicina e Ciências da Saúde



MELHORES PAINÉIS 2016

Camila Souza Pereira

04.087 Anti-inflammatory activity of aqueous extracts of *Mikania glomerata* (Sprengel) and *Mikania laevigata* (Schultz Bip. ex. Baker). Pereira CS¹, Antunes E², Iwamoto R², Sawaya A³, Landucci E¹ ¹FCM-Unicamp – Farmacologia, ²FCM-Unicamp, ³Unicamp

Graduate Student (Doctoral)

Perla Villani

04.006 Protective effect of gedunin on TLR-mediated inflammation by modulation of inflammasome activation and cytokine production: evidence of a multitarget compound. Borges PV¹, Moret KH¹, Manjunathaiah RN², Costa TEM¹, Monteiro AP³, Carneiro AB³, Pacheco P¹, Temerozo JR⁴, Habib DCB⁴, Henriques MG^{1,5}, Penido C^{1,5} ¹Farmanguinhos-Fiocruz – Farmacologia Aplicada, ²Osmania University – Pharmaceutical Chemistry, ³IOC-Fiocruz – Imunofarmacologia, ⁴IOC-Fiocruz – Imunologia, ⁵CDS-Fiocruz

Luana Barbosa Correa

04.011 Anti-inflammatory effect of methyl gallate on experimental arthritis: Inhibition of neutrophil recruitment, production of inflammatory mediators, and activation of macrophages. Correa LB^{1,2}, Pádua TA^{1,2}, Seito LN¹, Costa TEM^{1,2}, Andrade-Silva M^{1,2}, Candéa ALP^{1,2}, Rosas EC^{1,2}, Henriques MG^{1,2} ¹Farmanguinhos-Fiocruz – Farmacologia Aplicada, ²CDS-INCT-IDN

Tatiana Almeida Padua

04.016 Lipoxin A4 prevents Malaria-induced Acute Respiratory Distress Syndrome by neutrophil cytoskeletal remodeling impairment. Pádua TA¹, Torres ND¹, Silva JD², Costa MFS^{1,3}, Candéa AP¹, Rocco PRM², Souza MC¹, Henriques MG^{1,3} ¹Farmanguinhos-Fiocruz – Farmacologia Aplicada, ²IBCCF-UFRJ – Investigação Pulmonar, ³CDS-INCT/IDN-Fiocruz

Eric Diego Barioni

04.026 Translocator Protein 18 kDa (TSPO): A Promising Target for Meta-Inflammation. Barioni ED¹, Rocha GHO¹, Oliveira EM², Campa A¹, Farsky SHP¹ ¹USP – Análises Clínicas e Toxicológicas, ²University of Cambridge – Cambridge – Institute of Metabolic Science

Camila Fernandes

04.037 Role of regulatory T-cells in Irinotecan-induced intestinal mucositis. Fernandes C¹, Wanderley CWS¹, Muniz HA¹, Silva CMS¹, Teixeira MA¹, Souza NRP¹, Cândido AGF¹, Ribeiro RA¹, Almeida PRC², Lima-Júnior RCP¹ ¹UFC – Farmacologia e Fisiologia, ²UFC – Patologia e Medicina Legal

Michelle Adriane Amantea Sugimoto

04.042 Plasmin induces macrophage reprogramming and contributes to features of inflammation resolution. Ribeiro ALC, Sugimoto MA, Costa BRC, Vago JP, Lima KM, Carneiro FS, Ortiz MMO, Lima GLN, Carmo AAF, Rocha RM, Perez DA, Reis AC, Pinho V, Miles LA, Teixeira MM, Garcia CC, Sousa LP UFMG

Carlos Heli

04.044 A new animal model of radiation proctitis induced by high-dose rate brachytherapy: possible involvement of IL-6 and IL-8 Leite CHB¹, Lopes CDH², Leite CAVG¹, Terceiro DA¹, Freitas JA¹, Wong DVT³, Almeida PRC³, Cunha FQ⁴, Lima-Júnior RCP² ¹Hospital Haroldo Juaçaba, ²UFC – Fisiologia e Farmacologia, ³UFC – Patologia e Medicina Legal, ⁴FMRP-USP – Farmacologia



MELHORES PAINÉIS 2016

Kesiane Mayra da Costa

04.045 Biocompatibility evaluation of polypyrrole using zebrafish as a model organism. Costa KM¹, Soares JC¹, Valente CA², Cruz FF³, Basso NRS², Bogo MR¹ ¹PUCRS – Biologia Celular e Molecular, ²PUCRS – Química, ³PUCRS – Farmacologia

Cristina Lorenzini

04.049 Alpha-1-Acid glycoprotein inhibits human neutrophil response by a sialic acid dependent mechanism. Lorenzini CB¹, Cardoso F¹, Colón D², Cunha FQ², Spiller F¹ ¹UFSC – Immunobiology, ²FMRP-USP – Inflammation and Pain

Pos-Doc

Tatiana Paula Teixeira Ferreira

04.093 Lidocaine differentially affects acute and late phases of experimental silicosis in mice. Ferreira TPT¹, Mariano LL¹, Ciambarella BT¹, Filho JCA², Hogaboam CM³, Martins MA¹, Silva PMR¹ ¹Fiocruz – Inflamação, ²FM-USP – Farmacologia, ³Cedars Sinai Medical Center

Daniela Dal Secco

04.097 A novel monocyte subset contributes to clearance of damage tissue during sterile inflammation in the liver. Dal-Secco D¹, Jenne C¹, Wang J¹, Wong C¹, Petri B¹, Kolaczowska E¹, Ransohoff R², Charo I³, Kubes P¹ ¹University of Calgary – Immunology Research Group, Snyder Institute of Infection, Immunity and Inflammation, ²Lerner Research Institute – Neuroinflammation Research Center, Department of Neurosciences, ³University of California – Gladstone Institute of Cardiovascular Disease and Cardiovascular Research Institute, Department of Medicine

05. Pain and Nociception Pharmacology

Undergraduate Student

Daiane Oliveira Matias

05.032 Spinal Cord CXCL1/CXCR2 signaling mediates the development of paclitaxel-induced peripheral neuropathy in mice. Manjavachi MN¹, Matias DO², Trevisan G³, Costa R⁴, Calixto JB⁵ ¹UFSC – Farmacologia e Ciências Biológicas, ²UFRJ – Ciências Farmacêuticas, ³UFSC – Farmacologia, ⁴UFRJ – Farmácia, ⁵Centro de Inovação e Ensaios Pré-Clínicos.

Vanessa Carvalho

05.034 Evaluation of antinociceptive activity and possible mechanisms of action of isoxazoline-acylhydrazone derivatives. Carvalho VMF¹, Silva NM¹, Melo MCS¹, Rios ACM¹, Correia JCA¹, Carvalho JA¹, Neto PPM¹, Mota FVB¹, Faria AR², Silva TG¹ ¹UFPE – Antibióticos, ²UFPE – Ciências Farmacêuticas

Graduate Student (Master)

Mallone Lopes da Silva

05.044 Subcutaneous injection of IFN- β causes pain-like behaviors and edema in mice. Silva ML, Tonello R, Ferreira J UFSC



MELHORES PAINÉIS 2016

Graduate Student (Doctoral)

Renata Mendes Ferreira

05.004 Role of endocannabinoid system in aripiprazole induced-peripheral antinociception. Ferreira RCM, Almeida-Santos AF, Duarte IDG, Aguiar DC, Moreira FA, Romero TRL ICB-UFMG – Farmacologia e Fisiologia

Fabiana Chaves Dias

05.009 The selective TRPV4 channel antagonist HC-067047 reverted mechanical hypersensitivity in diabetic animals. Dias FC^{1,2}, Alves VS², Matias DO^{1,2}, Cruz JVR², Silva RV^{1,2}, Santos BLR³, Lima CKF², Clarke JHR², Passos GF², Figueiredo CP^{1,2}, Miranda ALP^{1,2,3}, Costa R^{1,2}
¹UFRJ – Ciências Farmacêuticas, ²UFRJ – Farmácia, ³UFRJ – Farmacologia e Química Medicinal

Thais Biondino Sardella Giorno

05.013 A New N β -Alkanoyl-5-Hydroxytryptamide induces antinociceptive effect in mice. Giorno TBS¹, Moreira IGS², Rezende CM², Fernandes PD¹ ¹UFRJ – Farmacologia e Química Medicinal, ²UFRJ – Química

Andreza Urba de Quadros

05.021 Role of C5a/C5aR in the peripheral and spinal signalling for the development of neuropathic pain Quadros AU¹, Violante VD¹, Ferreira MD², Sagar DR³, Meesawatsom P³, Cunha FQ¹, Chapman V³, Cunha TM¹ ¹FMRP-USP – Farmacologia, ²FMRP-USP – Bioquímica e Imunologia, ³University of Nottingham – School of Life Sciences

Miriam das Dores Mendes Fonseca

05.030 Investigation of the protective role of interleukin 27 (IL-27) on the genesis and maintenance of neuropathic pain. Fonseca MD¹, Santa-Cecília FV, Ferreira DW, Oliveira FFB, Kuzuda R, Ferreira-Davoli M, Cunha FQ, Cunha TM – FMRP-USP – Farmacologia

Pos-Doc

Guilherme Rabelo de Souza

05.060 Kynurenine metabolic pathway links peripheral immune response to central sensitization that account for the development of neuropathic pain. Souza GR¹, Fonseca MD¹, Dagostin ALA¹, Lemos H², Huang L², Pacholczyk G², Santana DA, Talbot J¹, Sant'Anna MB¹, Leão RM³, Alves-Filho JC¹, Cunha FQ¹, Mellor AL², Cunha TM¹ ¹FMRP-USP – Farmacologia, ²Georgia Regents University, ³FMRP-USP – Fisiologia

06. Cardiovascular and Renal Pharmacology

Undergraduate Student

Bruno Vinicius Duarte Marques

06.042 Intrauterine and lactation exposure to fluoxetine affects endothelial response in aorta of rats subjected to acute restrain stress. Marques BVD¹, Novi DRBS¹, Zanluqui NG², Higashi CM¹, Picinin R¹, Pinge-Filho P², Gomes GGP¹, Ceravolo GS¹ ¹UEL – Ciências Fisiológicas, ²UEL – Ciências Patológicas

Fernanda Naira Zambelli Ramalho

06.054 Aldosterone-induced NLRP3 inflammasome activation Ramalho FN, Ferreira N, Zanotto CZ, Alves-Filho JC, Tostes RC, Bruder-Nascimento T FMRP-USP – Farmacologia



MELHORES PAINÉIS 2016

Graduate Student (Master)

Aline Leal Cortês

06.059 Doxycycline-attenuation of ER-stress components: GRP78-eIF2 α is an additional mechanism to metalloproteinase inhibition in kidney protection after ischemia-reperfusion. Leal AC, Gonzalez SR, Melo PA, Lara LS UFRJ – Farmacologia

Aline Inada

06.065 Components of renin-angiotensin system in perivascular adipose tissue in thoracic aorta and mesenteric bed: Alterations promoted by high-fat diet obesity. Inada AC¹, Hashimoto CM, Silva RNO, Costa TJ, Santos-Eichler RA, Carvalho MHC, Akamine EH USP – Farmacologia

Sherliane Carla Pereira

06.071 Increased activity of matrix metalloproteinase (MMP)-2 in two kidney-one clip (2K-1C) hypertension-induced hypertrophic and dilated cardiac remodeling. Pereira SC, Sanchez ER, Tanus-Santos JE, Castro MM USP – Farmacologia

Aline Mora

06.077 Action of PDE5 Inhibitors (Tadalafil) in the Treatment of Lower Urinary Tract Symptoms in Heart Failure Rats. Mora AG, Tartarotti SP, Andrade DR, Barbosa JWP, Gonçalves TT, Janussi SC, Claudino MA

Graduate Student (Doctoral)

Jaqueline Costa Castardo de Paula

06.004 Estrogen effects on cardiovascular and oxidative parameters of female rats under LPS endotoxemia: NO participation Castardo-de Paula JC¹, de Campos BH¹, de Jager L¹, Zalunqui NG², Pinge-Filho P², de Farias CC³, Higachi L³, Barbosa DS³, Martins-Pinge MC¹ ¹UEL – Ciências Fisiológicas, ²UEL – Ciências Patológicas, ³UEL – Análises Clínicas e Toxicológicas

Nathanne Santos Ferreira

06.011 Aldosterone activates NLRP3/inflammasome in the vasculature of type 2 diabetic mice. Ferreira NS¹, Bruder-Nascimento T¹, Zanotto CZ¹, Pereira CA¹, Prado DS¹, Alves-Filho JC¹, Carlos D², Tostes RC¹ ¹FMRP-USP – Farmacologia, ²FMRP-USP – Biochemistry and Immunology

Josenildo Segundo Chaves de Araújo

06.020 Novel sulfonylhydrazone compound (LASSBio-1773) ameliorates cardiovascular and renal dysfunction in streptozotocin-induced diabetic rats. Araújo JSC, da Silva JS, Trachez MM, Delgobbo MS, Silva TF, Lima LM, Barreiro EJ, Sudo RT, Zapata-Sudo G UFRJ – Farmacologia e Química Medicinal

Denis Carlos dos Santos

06.026 Treatment with enalapril prevents functional decline in hypertensive rats dos Santos DC¹, Veríssimo LF¹, Raquel HA¹, Volpini VL¹, Marques LAC¹, Gomes MV², Fernandes KBP², Michelini LC³, Pelosi GG¹ ¹UEL – Ciências Fisiológicas, ²UNOPAR, ³USP

Diego Castro Musial

06.032 Function of AT1 and AT2 Receptors in atrial contractions from hypertensive or diabetis induced-STZ rats. Musial DC¹, Miranda-Ferreira R¹, Pena MGG¹, Bomfim GHS¹, Arranz JA², Padín



MELHORES PAINÉIS 2016

JF², Jurkiewicz A¹, García AG², Jurkiewicz NH¹ ¹Unifesp-EPM – Farmacologia, ²Universidad Autónoma de Madrid – Farmacologia

Patricia de Oliveira Benedet

06.040 The impact of protein (de)nitrosylation in septic shock Benedet PO¹, Menegatti ACO², Horewicz VV¹, Gonçalves MC¹, Terenzi H², Assreuy J¹ ¹UFSC – Farmacologia, ²UFSC – Bioquímica

Pos-Doc

Nádia Alice Vieira da Motta

06.080 LASSBio-788 inhibits inos-induced NF-κB expression through enos dependent signaling in aortas of hypercholesterolemic rats. Motta NAV¹, Lima GF¹, Barreiro EJ², Kummerle AE³, Brito FCF¹ ¹LAFE-UFF – Fisiologia e Farmacologia, ²LASSBio-UFRJ, ³UFRRJ – Química

07. Endocrine, Reproductive and Urogenital Pharmacology

Graduate Student (Master)

Dailson Souza

07.018 Prenatal dexamethasone treatment disrupts the physiological UPR-induced burst of apoptosis in islets of lactating rats. Souza DN¹, Santos-Silva JC², Silva PMR¹, Ferreira DS¹, Sollon CS¹, Mesquita FPN¹, Teixeira CJ¹, Gomes PR², Anhê GF¹, Bordin S² ¹FCM-Unicamp – Farmacologia, ²ICB-USP – Biofísica e Fisiologia

Graduate Student (Doctoral)

Mariana G de Oliveira

07.002 Soluble guanylyl cyclase activation by BAY 58-2667 improves bladder function in a mouse model of interstitial cystitis. de Oliveira MG, Calmasini FB, Alexandre EC, De Nucci G, Mónica FZ, Antunes E FCM-Unicamp – Farmacologia

08. Respiratory and Gastrointestinal Pharmacology

Graduate Student (Master)

Rodrigo de Oliveira Formiga

08.018 Anti-motility pathways involved in the antidiarrheal mechanisms of action of *Maytenus erythroxylon* Reissek (Celastraceae) ethanol extract in mice. Formiga RO, Machado FDF, Barros MEFX, Pessoa MMB, Quirino ZGM, Tavares JF, Batista LM UFPB

Graduate Student (Doctoral)

Luísa N. Bolda Mariano

08.005 Gastroprotective xanthenes isolated from *Garcinia achachairu*: Study on mucosal defensive factors and H⁺, K⁺-ATPase activity Mariano LNB, da Silva LM¹, de Souza P¹, Boeing T¹, Somensi LB¹, Bonomini TJ¹, Cechinel-Filho V¹, de Andrade¹, Niero R¹ ¹Univali

Lucas Nicolau

08.009 Is it possible to treat GERD with natural products? Novel approach of a versatile biopolymer obtained from *Anacardium occidentale* L. Nicolau LAD^{1,2}, Batista-Lima FJ², Santana APM², Medeiros JV³, Silva DA³, Santos AA², Sifrim D¹, Souza MHL² ¹Queen Mary University of London – Barts and the London School of Medicine and Dentistry, ²UFC – Fisiologia e Farmacologia, ³UFPI – Biotechnology and Biodiversity



MELHORES PAINÉIS 2016

Pos-Doc

Francislaine Aparecida dos Reis Livero

08.023 Alcoholic fatty liver disease: a new promisor pharmacological treatment with *Baccharis trimera*. Livero FAR¹, Telles JEQ², Franco CRC³, Acco A¹ ¹UFPR- Farmacologia, ²UFPR- Patologia, ³UFPR- Biologia Celular e Molecular

09. Natural Products and Toxinology

Undergraduate Student

Antônio Raphael Lima de Farias Cavalcanti Silva

09.028 Investigation of Spasmolytic Activity of the *Croton echioides* Ball. (**Euphorbiaceae**) Silva ARLFC¹, Figueiredo IAD², Oliveira FRMB², Ferreira SRD³, Silva TMS⁴, Cavalcante FA^{3,5} ¹UFPB – PIVIC/CNPq, ²UFPB – PIBIC/CNPq, ³UFPB – PPgPNSB, ⁴UFRPE – DCM, ⁵UFPB – DFP

Bruna Oliveira Melo

09.037 *In vitro* antibacterial activity of plant extracts on pathogens of clinical importance. Melo BO¹, Maia HS¹, Nascimento OMO¹, Silva TFC¹, Carmo MS¹, Bomfim MRQ¹ ¹Universidade Ceuma – Programa de Pós-Graduação

Graduate Student (Master)

Anderson R A Cerqueira

09.048 Anti-pruritic and anti-inflammatory effects of the salivary gland extract of the mosquito *Aedes aegypti* in mice dorsal skin. Cerqueira ARA¹, Rodrigues L¹, Teixeira SA¹, Muscará MN¹, Sá-Nunes A², Costa SKP¹ ¹ICB-USP – Farmacologia, ²ICB-USP – Imunologia

Graduate Student (Doctoral)

Thaise Boeing

09.003 Hydroalcoholic extract from inflorescences of *Achyrocline satureioides* ameliorates dextran sulphate sodium (DSS)-induced colitis in mice by attenuation in the production of inflammatory cytokines and oxidative mediators. Boeing T, Silva LM, Farias JAM, Somensi LB, Cury BJ, Santin JR, Andrade SF Univali – Ciências Farmacêuticas

Francisca Tuelly Bandeira de Oliveira

09.007 Topical anti-inflammatory activity of *Sideroxylon obtusifolium* in experimental models of dermatitis in mice. de Oliveira FTB¹, Nunes PIG¹, Viana AFSC¹, dos Santos SM², Alves APNN³, Silveira ER², Santos FA¹ ¹UFC – Farmacologia e Fisiologia, ²UFC – Química Organica, ³UFC – Clínica Odontológica

Felipe Domingos de Sousa

09.009 Frutalin induces human fibroblast migration. Sousa FD^{1,2,3}, Brandao da Silva AF⁴, Shiwen X², Monteiro-Moreira ACO³, Moreira RA^{1,3}, Owen J⁴, Abraham J² ¹UFC – Bioquímica, ²University College London – Centre for Rheumatology and Connective Tissue Diseases, ³Nubex-RENORBIO-UNIFOR, ⁴University College London – Institute of Liver and Digestive Health

Bruno Lemos Cons

09.015 Effects of polyanions and antitropic serum on some activities of *Bothrops leucurus* venom. Cons BL^{1,2}, Tomaz MA^{1,2}, Strauch MA³, Monteiro-Machado M^{1,2}, Tavares-Henriques MS^{1,2}, Cruz JMT^{1,2}, Saturnino Oliveira J⁴, Melo PA^{1,2} ¹UFRJ – Ciências da Saúde, ²UFRJ –



MELHORES PAINÉIS 2016

Farmacologia e Química Medicinal, ³Instituto Vital Brasil – Diretoria Científica, ⁴UFS – Morfologia

Ramon Róseo Paula Pessoa Bezerra de Menezes

09.016 Study of antiparasitic effect of (-)-alpha-bisabolol on epimastigote forms of *Trypanosoma Cruzi* Menezes RRPPB¹, Sampaio TL¹, Tessarolo LD², Canuto JA², Medrado KA², Azevedo IEP², Martins AMC² ¹UFC – Fisiologia e Farmacologia, ²UFC – Análises Clínicas e Toxicológicas

Raphael Schezaro-Ramos

09.025 Neuromuscular activity of *Micrurus surinamensis* (Aquatic Coral Snake) venom in avian and mammalian preparations *in vitro*. Schezaro-Ramos R¹, Floriano RS¹, Silva Junior NJ², Rodrigues-Simioni L¹, Rowan EL³, Hyslop S¹ ¹FCM-Unicamp – Farmacologia, ²PUC-Goiás – Biologia, ³University of Strathclyde – Pharmacy and Biomedical Sciences

Pos-Doc

Anna Laura Jacob Ferreira

09.058 Effects of batroxase, a metalloprotease isolated from *Bothrops atrox* snake venom, over the hemostasis of rats. Jacob-Ferreira AL¹, Menaldo DL¹, Sartim MA¹, Sampaio SV¹ ¹FCFRP-USP – Análises Clínicas, Toxicológicas e Bromatológicas

10. Cancer Pharmacology

Tânia Regina Mielcke

10.005 Mechanisms underlying the anti-tumor effects of quinoxaline-derived chalcones in oral squamous cell carcinoma. Mielcke TR¹, Erig TC¹, Chiela EC², Mascarello A³, Chiaradia L³, Nunes RJ³, Campos MM¹ ¹PUCRS, ²UFRGS, ³UFSC

Verlane Gonçalves Santos

10.010 Proteolytic fraction from *Vasconcellea cundinamarcensis* latex induces differentiation in mouse melanoma B16F10 cell line. Santos VG¹, Lemos FO¹, Salas CE², Lopes MTP¹ ¹ICB-UFMG – Farmacologia, ²ICB-UFMG – Bioquímica e Imunologia

11. Clinical Pharmacology, Pharmacokinetics, Pharmacogenomics and Toxicology

Lincon Bordignon Somensi

11.002 Toxicological evidences of methanolic extract from leaves of *Rubus imperialis* in DSS-induced colitis in mice and cytotoxic potential of its components niga-ichigoside F1, tormentic acid and 2 β , 3 β , 19 α -trihydroxyursolic acid. Somensi LB¹, da Silva LM¹, Boeing T¹, Niero R¹, Andrade SF¹ ¹Univali – Ciências Farmacêuticas

12. Drug Discovery and Development

Undergraduate Student

Amanda Migotto

12.009 Studies on the bioadhesion and safety of a nanocarrier for intraductal delivery of drugs for chemoprevention and treatment of breast cancer. Migotto A, Carvalho VFM, Lemos DP, Depieri LV, Bentley MVLB, Lopes LB



MELHORES PAINÉIS 2016

Graduate Student (Master)

Isis Nem de Oliveira Souza

12.014 Acetylcholinesterase inhibition and anti-amnesic effects of new dual compounds candidates for Alzheimer's disease treatment. Souza INO¹, dos Santos FP¹, da Silva FMR¹, Viegas Junior C², Castro NG¹, Neves G¹ ¹UFRJ, ²Unifal

Thamires Froes

12.019 Putative microsomal prostaglandin E synthase-1 (mPGES-1) inhibitors identified by virtual screening show in vivo antipyretic activity Froes TQ¹, Castilho MS¹, Melo MCC², de Souza GEP², Soares DM¹ ¹UFBA – Medicamentos, ²FCFRP-USP

Graduate Student (Doctoral)

Javier Campanini

12.006 New family of antibacterials, ubiquinone analogues, with activity against clinical isolate of *Staphylococcus aureus* and *Enterococcus* spp. multiresistant Campanini-Salinas J¹, Andrades-Lagos J¹, Hinojosa N¹, Alarcon P², Gonzalez-Rocha G³, Vásquez-Velásquez D⁴ ¹Universidad de Chile – Laboratorio de Desarrollo de Fármacos, Facultad de Ciencias Químicas y Farmacéuticas, ²Instituto de Salud Pública de Chile – Gram-Positive coccus Laboratory, ³Universidad de Concepción – Laboratorio de investigación en agentes antibacterianos, Facultad de Ciencias Biológicas, ⁴Universidad de Chile – Laboratorio de Desarrollo de Fármacos, Facultad de Ciencias Químicas y Farmacéuticas

14. Pharmacology: Other

Graduate Student (Master)

Gabriela Cavazza Cerri

14.010 Metabolic evaluation of obese mice treated with lipid nanoparticle of sclareol. Cerri GC¹, Lima LCF², Ferreira LAM³, Santos SHS¹ ¹ICB-UFMG – Farmacologia e Fisiologia, ²UFES – Morfologia, ³UFMG – Pharmaceutical Products