

*Sessão de Painéis/Posters Session  
20/10/2009 (Terça-feira/Tuesday)*

## **Sessão de Painéis/Posters Session**

### **Setor 01. Farmacologia Celular e Molecular/Cellular and Molecular Pharmacology**

**01.041**

**NADPH oxidase-derived ros control the antiapoptotic effect of leukotriene B<sub>4</sub> in neutrophils through NF-kB activation.** Barcellos-de-Souza P<sup>1</sup>, Lima-Resende A<sup>1</sup>, Barja Fidalgo TC<sup>1</sup>, Arruda MA<sup>2</sup> <sup>1</sup>UERJ - Farmacologia, <sup>2</sup>UERJ/Farmanguinhos-Fiocruz - Farmacologia

**01.042**

**Hepatic protection of the antocianidin in rabbits hypercholesterolemia.** Silva DJC<sup>1</sup>, Bispo RFM<sup>2</sup>, Caldas RAA<sup>3</sup>, Ramos FWS<sup>4</sup>, Souza ET<sup>1</sup>, Queiroz AC<sup>1</sup>, Rodrigues CFS<sup>2</sup> <sup>1</sup>UFAL - Farmacologia e Imunidade, <sup>2</sup>UFAL Morfologia, <sup>3</sup>HUPAA-UFAL, <sup>4</sup>UFAL - Matriz Extracelular

**01.043**

**Activation of PGD<sub>2</sub> receptors, DP1 and CRTH2, elicits complementary signaling that evokes LTC4 secretion from eosinophils.** Mesquita-Santos FP<sup>1</sup>, Ferreira-Souza L<sup>1</sup>, Bakker-Abreu I<sup>1</sup>, Luna TGS<sup>1</sup>, Bozza PT<sup>2</sup>, Diaz BL<sup>1</sup>, Bandeira-Melo C<sup>1</sup> <sup>1</sup>IBCCF-UFRJ, <sup>2</sup>IOC-FIOCRUZ

**01.044**

**Cyclic AMP signaling pathway of fast and slow twitch skeletal muscles: effects of denervation.** Bergantin LB, Andrade-Lopes AL, Chiavegatti T, Godinho RO UNIFESP - Farmacologia

**01.045**

**Experimental liver regeneration: role of verapamil and amniotic membrane as studied by PCNA immunohistochemical and biochemical analysis.** Vilela-Goulart MG<sup>1</sup>, Gomes MF, Bastos-Ramos WP, Oliveira MAC, Imae MA CEBAPE-FOSJC, UNESP-São José dos Campos

**01.046**

**Efeito de bloqueadores de co-transportadores NKCC1 e KCC2 nos relaxamentos induzidos pelo GABA e pelo óxido nítrico no duodeno proximal de rato.** Silva JDP<sup>1</sup>, Freitas DG<sup>1</sup>, Cavalcanti PMS<sup>2</sup> <sup>1</sup>NPPM-UFPI, <sup>2</sup>CCS-UFPI - Bioquímica e Farmacologia

**01.047**

**Piplartine reduces intracellular calcium in cultured myocytes isolated from rat aorta.** Silva JLV<sup>1</sup>, Cavalcante FA<sup>2</sup>, Rigoni VLS<sup>3</sup>, Nascimento TL<sup>3</sup>, Claro S<sup>3</sup>, Paredes-Gamero EJ<sup>3</sup>, Oshiro MEM<sup>3</sup>, Ferreira AT<sup>3</sup>, Aboulafia J<sup>3</sup>, Nouailhetas VLA<sup>3</sup>, Silva BA<sup>4</sup> <sup>1</sup>LTF-CCS UFPB/UNINOVE - Medicina, <sup>2</sup>ICBS-UFAL, <sup>3</sup>UNIFESP - Biofísica, <sup>4</sup>UFPB - Ciências Farmacêuticas

**01.048**

**$\beta$ -norlapachone reduces intracellular calcium in cultured myocytes isolated from guinea-pig ileum.** Silva JLV<sup>1</sup>, Cavalcante FA<sup>2</sup>, Rigoni VLS<sup>3</sup>, Nascimento TL<sup>3</sup>, Claro S<sup>3</sup>, Paredes-Gamero EJ<sup>3</sup>, Ferreira AT<sup>3</sup>, Câmara CA<sup>4</sup>, Barbosa TP<sup>5</sup>, Nouailhetas VLA<sup>3</sup>, Aboulafia J<sup>3</sup>, Silva BA<sup>6</sup> <sup>1</sup>LTF-CCS UFPB/UNINOVE - Medicina, <sup>2</sup>ICBS-UFAL, <sup>3</sup>UNIFESP - Biofísica, <sup>4</sup>UFRPE - Química Orgânica, <sup>5</sup>LTF-UFPB, <sup>6</sup>UFPB - DCF/LTF

**01.049**

**Análise da microdureza de tecidos mineralizados em filhotes de ratas wistar e espontaneamente hipertensas (SHR) tratadas com atenolol.** Gomes WDS<sup>1</sup>, Bertucci DV<sup>1</sup>, Delbem ACB<sup>2</sup>, Antoniali C<sup>1</sup> <sup>1</sup>FOA-UNESP - Ciências Básicas, <sup>2</sup>UNESP - Odontologia Infantil e Social

**01.050**

**Androgen regulation of epidermal growth factor (EGF) and its receptor (EGFR) along rat epididymis.** Patrão MTCC, Silveira-Neto, AP, Avellar MCW UNIFESP - Farmacologia

**01.051**

**Effect of the PDE-4 inhibitor compound LASSBio-448 on the experimental silicosis in mice.** Jurgilas PB<sup>1</sup>, Arantes ACS de<sup>1</sup>, Ferreira TPT<sup>1</sup>, Santos TPO<sup>1</sup>, Pires ALA<sup>1</sup>, França TG<sup>1</sup>, Azevedo RB<sup>1</sup>, Lima LM<sup>2</sup>, Barreiro EJ<sup>2</sup>, Cordeiro RSB<sup>1</sup>, Martins MA<sup>1</sup>, Silva PMR<sup>1</sup> <sup>1</sup>FIOCRUZ - Fisiologia e Farmacodinâmica, <sup>2</sup>FF-LASSBio-UFRJ

**01.052**

**Eugenol blocks native tetrodotoxin resistant Na<sup>+</sup> channels on DRG neurons.** Carvalho-de-Souza JL<sup>1</sup>, Leal-Cardoso JH<sup>2</sup>, Cassola AC<sup>3</sup> <sup>1</sup>ICB-USP - Fisiologia e Biofísica <sup>2</sup>UECE - Ciências Biomédicas

**01.053**

**Chronic ethanol during pregnancy and breast-feeding: consequences on mothers and development of infant rats.** Verde LF, Jurkiewicz NH, Caricati-Neto A, Jurkiewicz A UNIFESP - Farmacologia

**01.054**

**Changes on Ca<sup>2+</sup> translocation in rat vas deferens of young rat descendants of mothers treated with ethanol during pregnancy and breast-feeding.** Verde LF, Lopes GS, Jurkiewicz NH, Caricati-Neto A, Jurkiewicz A UNIFESP - Farmacologia

**01.055**

**Cell-specific localization of the quiescin sulphhydryl oxidase (QSOX) in rat testis and epididymis: influence of androgens.** de Andrade CR, Patrão MTCC, Avellar MCW UNIFESP - Farmacologia

## **Sessão de Painéis/Posters Session**

**01.056**

**Hypertrophy induced by short-term diaphragm denervation is associated with increased G<sub>s</sub> protein expression and adenylyl cyclase activity.** Andrade-Lopes AL, Bergantin LB, Chiavegatti T, Godinho RO UNIFESP - Farmacologia

**01.057**

**L-carnitine supplementation increases the tolerance to physical exercise and time to fatigue of the gastrocnemius muscle in rats fed with hyperlipidic diet.** Gómez-Campos RA<sup>1</sup>, Priviero FBM<sup>2</sup>, Valgas da Silva CP<sup>2</sup>, Rojas-Moscoso, JA<sup>2</sup>, Cossio-Bolaños MA<sup>3</sup>, Antunes E<sup>2</sup>, Zanesco A<sup>1</sup> <sup>1</sup>UNESP - Educação Física, <sup>2</sup>UNICAMP - Farmacologia, <sup>3</sup>UNICAMP - Educação Física

**01.058**

**Estudo da neurotransmissão periférica na musculatura lisa do ducto deferente de ratos periadolescentes tratados agudamente com uma dose simples e dupla de anfetamina.** Silva Junior ED, Jurkiewicz A, Jurkiewicz NH UNIFESP - Farmacologia

**01.059**

**Pre- and post-sinaptic effects of acetylcholinesterase inhibitors on smooth muscle neurotransmission of wistar rat compared to mouse.** Pereira JD<sup>1</sup>, Caricati-Neto A<sup>1</sup>, Godinho RO<sup>1</sup>, Garcia AG<sup>2</sup>, Jurkiewicz A<sup>1</sup>, Jurkiewicz NH<sup>1</sup> <sup>1</sup>UNIFESP - Farmacologia, <sup>2</sup>UAM - Farmacologia

### **Setor 02. Neurofarmacologia/Neuropharmacology**

**02.056**

**Sodium fluoride-induced memory impairment is associated with changes in striatal monoaminergic levels.** Pereira M<sup>1</sup>, Dombrowski PA<sup>1</sup>, Da Cunha C<sup>1</sup>, Losso EM<sup>2</sup>, Andreatini R<sup>1</sup> <sup>1</sup>UFPR - Farmacologia, <sup>2</sup>Universidade Positivo - Odontologia

**02.057**

**Anxiolytic-like effect of chamba (*Justicia pectoralis*) in mice: involvement of gaba/benzodiazepine receptor.** Venâncio ET<sup>1</sup>, Rocha NFM<sup>1</sup>, Rios ERV<sup>1</sup>, Feitosa ML<sup>1</sup>, Linhares MI<sup>1</sup>, Fonseca FN<sup>2</sup>, Leal LKAM<sup>2</sup>, Fonteles MMF<sup>2</sup> <sup>1</sup>UFC - Fisiologia e Farmacologia, <sup>2</sup>UFC - Farmácia

**02.058**

**Evaluation of effects of aqueous standardized extract of chamba (*Justicia pectoralis*) in depression models in mice.** Siqueira RMP<sup>1</sup>, Venâncio ET<sup>1</sup>, Rocha NFM<sup>1</sup>, Rios ERV<sup>1</sup>, Linhares MI<sup>1</sup>, Feitosa ML<sup>1</sup>, Moura BA<sup>1</sup>, Félix FHC<sup>1</sup>, Fonseca FN<sup>1</sup>, Sousa FCF<sup>1</sup>, Leal LKAM<sup>2</sup>, Fonteles MMF<sup>2</sup> <sup>1</sup>UFC - Fisiologia e Farmacologia, <sup>2</sup>UFC - Farmácia

**02.059**

**Investigation of possible antidepressive-like effects of (-)-menthol in forced swimming and open field tests in mice.** Vasconcelos PF<sup>1</sup>, Silva MIG<sup>1</sup>, Moura BA<sup>1</sup>, Aquino Neto MR<sup>1</sup>, Falcão do Amaral J<sup>1</sup>, De Sousa DP<sup>2</sup>, Macedo DS<sup>1</sup>, Sousa FCF<sup>1</sup> <sup>1</sup>UFC - Fisiologia e Farmacologia, <sup>2</sup>UFS - Fisiologia

**02.060**

**Effect of alterations on sleep-wake cycle and serotonin levels on food intake and body weight of wistar rats.** Stefanello TF<sup>1</sup>, Rosolem PS<sup>2</sup>, Ramos ERP<sup>3</sup> <sup>1</sup>UEM - Bioquímica Clínica, <sup>2</sup>CESUMAR - Farmacologia, <sup>3</sup>UEM/CESUMAR - Farmacologia e Bioquímica Clínica

**02.061**

**Role of median raphe nucleus 5-HT1A receptors on the behavioral consequences of exposure to forced swim stress.** Trovo, MC, Padovan CM FFCLRP-USP - Psicologia e Educação

**02.062**

**Harmine increases creatine kinase activity in the prefrontal cortex of adult rats.** Santos PM<sup>1</sup>, Scaini G<sup>1</sup>, Réus GZ<sup>2</sup>, Quevedo J<sup>2</sup>, Crippa JA<sup>3</sup>, Hallak JEC<sup>4</sup>, Streck EL<sup>1</sup> <sup>1</sup>UNESC - Fisiopatologia Experimental, <sup>2</sup>UNESC - Neurociências, <sup>3</sup>USP - Neuropsiquiatria e Psicologia Médica, <sup>4</sup>FMRP-USP - Neurologia, Psiquiatria e Psicologia Médica

**02.063**

**Cannabidiol increases creatine kinase activity in rat brain.** Scaini G<sup>1</sup>, Santos PM<sup>1</sup>, Valvassori SS<sup>2</sup>, Crippa JA<sup>3</sup>, Hallak JEC<sup>4</sup>, Streck EL<sup>1</sup>, Quevedo J<sup>2</sup> <sup>1</sup>UNESC - Fisiopatologia Experimental, <sup>2</sup>UNESC - Neurociências, <sup>3</sup>USP - Neuropsiquiatria e Psicologia Médica, <sup>4</sup>FMRP-USP - Neurologia, Psiquiatria e Psicologia Médica

**02.064**

**B-amyloid precursor proteins and peptide B-amyloid are decreased in hippocampus and amygdala of rats reared in isolation from weaning.** de Souza RG<sup>1</sup>, Kerbauy LN<sup>1</sup>, Sestito RS<sup>1</sup>, Trindade LB<sup>1</sup>, Iyomasa MM<sup>2</sup>, Rosa ML<sup>3</sup> <sup>1</sup>FAMECA - Bioquímica, <sup>2</sup>FORP-USP - Morfologia, Estomatologia e Fisiologia, <sup>3</sup>FAMECA - Ciências Biofisiológicas

**02.065**

**Effect of acute and chronic treatment with fluphenazine on monoamines and their metabolites in rats: relationship with orofacial dyskinesia.** Fachinetto, R<sup>1</sup>, Pereira RP<sup>1</sup>, Villarinho, JG<sup>1</sup>, Bandinélli, R.<sup>1</sup>, Bandinélli, D.<sup>1</sup>, Moraes, TA<sup>1</sup>, Santanna, GS<sup>1</sup>, Dombrowski PA<sup>2</sup>, Da Cunha C<sup>2</sup>, Cabral DA<sup>2</sup>, Rocha JBT<sup>1</sup>, Ferreira J<sup>1</sup> <sup>1</sup>UFSM - Química, <sup>2</sup>UFPR - Farmacologia

## **Sessão de Painéis/Posters Session**

**02.066**

**The effect of the maternal separation on fear and anxiety behaviors and on spatial memory.** Pereira MTR<sup>1</sup>, Limonte FH<sup>2</sup>, Iyomasa MM<sup>3</sup>, Rosa MLNM<sup>2</sup><sup>1</sup>FIPA-FAMECA - Neurociência, <sup>2</sup>FIPA-FAMECA - Bioquímica, <sup>3</sup>FORP-USP - Morfologia, Estomatologia e Fisiologia

**02.067**

**Um antigo método para uma nova função: o esmagamento do nervo ciático (*crush*) induz comportamento depressivo no teste da cauda.** Nascimento FP<sup>1</sup>, Martins DF<sup>2</sup>, Mazzardo L<sup>2</sup>, Macedo Junior, SJ<sup>3</sup>, Cremonese, RP<sup>4</sup>, Bento AF<sup>1</sup>, Marcon R<sup>1</sup>, Calixto JB<sup>1</sup>, Budni J<sup>5</sup>, Binfaré RW<sup>5</sup>, Rodrigues ALS<sup>5</sup>, Santos ARS<sup>3</sup><sup>1</sup>UFSC - Farmacologia, <sup>2</sup>UFSC - Fisiologia, <sup>3</sup>UFSC - Ciências Fisiológicas, <sup>4</sup>ANGLO-Foz - Farmácia, <sup>5</sup>UFSC - Bioquímica

**02.068**

**Antipsychotic-like effect of myricitrin in apomorphine-induced stereotypy in mice.** Pereira M<sup>1</sup>, Vital MABF<sup>1</sup>, Santos ARS<sup>2</sup>, Pizzolatti MG<sup>3</sup>, Andreatini R<sup>1</sup><sup>1</sup>UFPR - Farmacologia, <sup>2</sup>UFSC - Ciências Fisiológicas, <sup>3</sup>UFSC - Química

**02.069**

**Effects of acute and chronic treatment of memantine on brain creatine kinase activity.** Streck EL<sup>1</sup>, Santos PM<sup>1</sup>, Scaini G<sup>1</sup>, Réus GZ<sup>2</sup>, Rezin GT<sup>1</sup>, Quevedo J<sup>1</sup><sup>1</sup>UNESC - Fisiopatologia Experimental, <sup>2</sup>UNESC - Laboratório de Neurociências

**02.070**

**Brain creatine kinase activity in an animal model of mania induced by ouabain.** Streck EL<sup>1</sup>, Santos PM<sup>1</sup>, Scaini G<sup>1</sup>, Freitas TP<sup>1</sup>, Valvassori SS<sup>2</sup>, Rezin GT<sup>1</sup>, Quevedo J<sup>2</sup><sup>1</sup>UNESC - Fisiopatologia Experimental, <sup>2</sup>UNESC - Laboratório de Neurociências

**02.071**

**Behavioral and neural consequences of short-term nicotine administration after systemic inflammation in rats.** Apolinário RT<sup>1</sup>, Buenaga ML<sup>1</sup>, Khouri Neto SY<sup>1</sup>, Greggianin GF<sup>1</sup>, Nóbrega YKM<sup>1</sup>, Carneiro FP<sup>1</sup>, Sousa JB<sup>1</sup>, Lucena GMRS<sup>2</sup>, Ferreira VMM<sup>2</sup><sup>1</sup>UnB - Medicina, <sup>2</sup>UnB - Ciências da Saúde/Ciências Farmacêuticas

**02.072**

**Isolation rearing induces a decrease in the expression of AMPA glutamate receptors in hippocampal formation in rats.** Sestito RS<sup>1</sup>, Trindade LB<sup>1</sup>, Kerbauy LN<sup>1</sup>, de Souza RG<sup>1</sup>, Iyomasa MM<sup>2</sup>, Rosa ML<sup>3</sup><sup>1</sup>FAMECA - Bioquímica, <sup>2</sup>FORP-USP - Morfologia, Estomatologia e Fisiologia, <sup>3</sup>FAMECA - Ciências Biofisiológicas

**02.073**

**Evaluation of effects of aqueous standardized extract of chamba (*Justicia pectoralis*) in monoamines levels in the striatum of mice.** Venâncio ET<sup>1</sup>, Rocha NFM<sup>1</sup>, Rios ERV<sup>1</sup>, Feitosa ML<sup>1</sup>, Linhares MI<sup>1</sup>, Cavalcante GIT<sup>1</sup>, Moura BA<sup>1</sup>, Fonseca FN<sup>2</sup>, Leal LKAM<sup>2</sup>, Fonteles MMF<sup>2</sup><sup>1</sup>UFC - Fisiologia e Farmacologia, <sup>2</sup>UFC - Farmácia

**02.074**

**Investigation of behavioral disturbances in MOG<sub>35-55</sub>-induced experimental autoimmune encephalomyelitis in mice.** Rodrigues DH<sup>1</sup>, Vilela MC<sup>1</sup>, Queiroz NL<sup>2</sup>, Teixeira AL<sup>3</sup><sup>1</sup>ICB-UFGM, <sup>2</sup>UFGM - Parasitologia, <sup>3</sup>UFGM - Medicina

**02.075**

**Evaluation of the possible pathways involved on the diacerin-mediated performance improvement at step down model in rats.** Guginski G<sup>1</sup>, Silva MD<sup>2</sup>, Santos ARS<sup>2</sup><sup>1</sup>UFSC - Farmacologia, <sup>2</sup>UFSC - Ciências Fisiológicas

**02.076**

**Evaluation of probenecid's neuroprotective effect on excitotoxic and ischemic neural lesion.** Elias MJG, Castro NG ICB-UFRJ - Farmacologia Molecular

**02.077**

**Participação dos receptores B1 e B2 para bradicinina na consolidação da memória durante o processo de envelhecimento em camundongos.** Lemos MTR<sup>1</sup>, Amaral FA<sup>1</sup>, Bittencourt MFQP<sup>1</sup>, Caetano AL<sup>1</sup>, Dong KE<sup>1</sup>, Pesquero JB<sup>2</sup>, Viel TA<sup>3</sup>, Buck HS<sup>1</sup><sup>1</sup>FCMSCSP - Ciências Fisiológicas, <sup>2</sup>UNIFESP - Biofísica, <sup>3</sup>EACH-USP

**02.078**

**Neuroinflammatory process and behavioral symptoms in an experimental model of hepatic encephalopathy: preliminary results.** Miranda AS<sup>1</sup>, Rodrigues DH<sup>2</sup>, Vieira LB<sup>3</sup>, Vilela MC<sup>2</sup>, Lima CX<sup>4</sup>, Amaral DCG<sup>2</sup>, Teixeira MM<sup>2</sup>, Guatimosim C<sup>5</sup>, Helton JR<sup>3</sup>, Teixeira AL<sup>6</sup><sup>1</sup>UFGM - Infectologia e Medicina Tropical; <sup>2</sup>ICB-UFGM; <sup>3</sup>UFGM - Farmacologia; <sup>4</sup>UFGM - Fisiologia e Farmacologia; <sup>5</sup>UFGM - Morfologia; <sup>6</sup>UFGM - Medicina

**02.079**

**Evaluation of the acquisition/retention and recall of spatial memory in different strains of mice.** Pereira CAS<sup>1</sup>, Zobole NN<sup>1</sup>, Santos AF<sup>1</sup>, Batiston AP<sup>2</sup>, Souza, LA<sup>2</sup>, Schiaveto de Souza A<sup>3</sup><sup>1</sup>UCDB - Biotecnologia, <sup>2</sup>DTA-UFMS, <sup>3</sup>FMRP-USP - Fisiologia

**02.080**

**Study of spinal cord injury in rats by cryogeny: the neuroprotective effect of cannabidiol.** Kwiatkoski M<sup>1</sup>, Del Bel EA<sup>2</sup><sup>1</sup>FMRP-USP - Fisiologia, <sup>2</sup>FORP-USP - Morfologia, Estomatologia e Fisiologia

## **Sessão de Painéis/Posters Session**

### **02.081**

**7-nitroindazole (7-NI) prevents the increase in the turnover of striatal dopamine (DA) and blocks dyskinesias in 6-OHDA-lesioned rats treated with L-DOPA.** Padovan FEN, Szawka RE, Silva CA, Anselmo-Franci JA, Del Bel EA FORP-USP - Morfologia, Estomatologia e Fisiologia

### **02.082**

**Exposure to caffeine enhances short and long-term memory in sepsis-surviving rats.** Borges DM<sup>1</sup>, Barbosa WL<sup>1</sup>, Gonçalves AS<sup>1</sup>, Mendes LST<sup>1</sup>, Reis JS<sup>1</sup>, Andrade MLL<sup>1</sup>, Soares PKP<sup>1</sup>, Ramos YS<sup>1</sup>, Carneiro FP<sup>1</sup>, Sousa JB<sup>1</sup>, Lucena GMRS<sup>2</sup>, Ferreira VMM<sup>2</sup> <sup>1</sup>UnB - Medicina, <sup>2</sup>UnB - Ciências da Saúde/Ciências Farmacêuticas

### **02.083**

**Effects of acute administration of fenproporex and amphetamine on brain creatine kinase activity.** Scaini G<sup>1</sup>, Santos PM<sup>2</sup>, Rezin GT<sup>1</sup>, Ferreira GK<sup>1</sup>, Jeremias IC<sup>1</sup>, Quevedo J<sup>3</sup>, Streck EL<sup>1</sup> <sup>1</sup>UNESC - Fisiopatologia Experimental, <sup>2</sup>UNESC - Fisiopatologia, <sup>3</sup>UNESC - Ciências da Saúde

### **Setor 03. Psicofarmacologia/Psychopharmacology**

#### **03.037**

**Social isolation stress in adolescent rats induces behavioral sensitization to amphetamine.** Assembleia TLS, Marin MT, Leão RM, Cruz FC, Planeta CS FCF-UNESP-Araquara - Princípios Ativos Naturais e Toxicologia

#### **03.038**

**LASSBio-1412 and LASSBio-1413: N-phenylpiperazine derivatives with potential antipsychotic activity.** Betti AH<sup>1</sup>, Stoltz, ED<sup>2</sup>, Neves G<sup>3</sup>, Stein AC<sup>3</sup>, Martins TS<sup>4</sup>, Vieira RO<sup>5</sup>, Barreiro EJ<sup>4</sup>, Fraga CAM<sup>4</sup>, Noel F<sup>6</sup>, Rates SMK<sup>1</sup> - <sup>1</sup>UFRGS - Ciências Farmacêuticas, <sup>2</sup>UFRGS - Psicofarmacologia, <sup>3</sup>UFRGS - Farmácia, <sup>4</sup>LASSBio-UFRJ - Farmácia, <sup>5</sup>UFRJ - Farmacologia Celular e Molecular, <sup>6</sup>UFRJ - Farmacologia Básica e Clínica

#### **03.039**

**Antidepressant-like effect of hyperoside, a flavonoid isolated from south Brazilian native *Hypericum* species in rats: involvement of the dopaminergic system.** Haas JS<sup>1</sup>, Stoltz, ED<sup>2</sup>, Stein AC<sup>1</sup>, Braga A<sup>1</sup>, von Poser GL<sup>1</sup>, Rates SMK<sup>1</sup> <sup>1</sup>UFRGS - Ciências Farmacêuticas, <sup>2</sup>UFRGS - Neurociências

#### **03.040**

**FPT-2, FPT-4, FPY-3: triazol and pyrazol N-benzyltiazolidine derivatives with potential antipsychotic activity.** Betti AH<sup>1</sup>, Stoltz, ED<sup>2</sup>, Vieira RO<sup>3</sup>, Fraga CAM<sup>4</sup>, Noel F<sup>5</sup>, Lima MCA<sup>6</sup>, Galdino SL<sup>6</sup>, Pitta IR<sup>6</sup>, Rates SMK<sup>7</sup> <sup>1</sup>UFRGS - Ciências Farmacêuticas, <sup>2</sup>UFRGS - Psicofarmacologia, <sup>3</sup>UFRJ - Farmacologia Celular e Molecular, <sup>4</sup>UFRJ - Farmácia - LASSBio, <sup>5</sup>UFRJ - Farmacologia Básica e Clínica, <sup>6</sup>UFPE - Antibióticos, <sup>7</sup>UFRGS -

#### **03.041**

**Clozapine reverses the immobility time increase induced by repeated forced swimming.** Neves G<sup>1</sup>, Antonio CB<sup>1</sup>, Pranke M<sup>2</sup>, Grazziotin LR<sup>2</sup>, Betti AH<sup>1</sup>, Rates SMK<sup>1</sup> <sup>1</sup>UFRGS - Ciências Farmacêuticas, <sup>2</sup>UFRGS - Farmácia

#### **03.042**

**Modafinil induces conditioned place preference in mice.** Borçoi A.R.<sup>1</sup>, Wuo-Silva R<sup>1</sup>, Sanday L<sup>1</sup>, Fernandes HA<sup>1</sup>, Leite JMC<sup>1</sup>, Lasagno CMR<sup>1</sup>, Bittencourt LRA.<sup>2</sup>, Frussa-Filho R<sup>1</sup> <sup>1</sup>UNIFESP - Pharmacology, <sup>2</sup>UNIFESP - Psychobiology

#### **03.043**

**The role of EAG-1 potassium channels in the startle response and prepulse inhibition.** Fonseca JR<sup>1</sup>, Issy Pereira AC<sup>2</sup>, Del Bel EA<sup>1</sup> <sup>1</sup>FORP-USP - Morfologia, Estomatologia e Fisiologia, <sup>2</sup>FMRP-USP-Farmacologia

#### **03.044**

**Interações agudas entre a associação chá de ayahuasca com propofol observadas em modelos animais.** Pires JM<sup>1</sup>, Mendes FR<sup>2</sup>, Amaral JL G do<sup>1</sup>, Carlini ELA<sup>2</sup> <sup>1</sup>UNIFESP - Anestesiologia, Dor e Medicina Intensiva, <sup>2</sup>CEBRID-UNIFESP - Psicobiologia

#### **03.045**

**Transposition methods of doses obtained from pharmacology pre-clinical to phase 1 clinical trials: antipsychotics as study of case.** Antonio CB<sup>1</sup>, Dalla Costa T<sup>2</sup>, Neves G<sup>1</sup>, Centurião FB<sup>1</sup>, Rates SMK<sup>1</sup> <sup>1</sup>FF-UFRGS - Psicofarmacologia, <sup>2</sup>FF-UFRGS - Farmacocinética

#### **03.046**

**Effects of capsazepine administered into the dorsal hippocampus on spatial memory in rats.** Scoz-Silva R, Aguiar Jr AS, Bertoglio LJ UFSC - Farmacologia

#### **03.047**

**Serotonergic agonists injection in the dorsomedial hypothalamic nucleus causes panicolytic-like effect in rats.** de Bortoli VC, Zangrossi Jr H FMRP-USP - Farmacologia

## **Sessão de Painéis/Posters Session**

**03.048**

**Efeito agudo da *Dioclea violacea* M. sobre os movimentos orofaciais e a atividade geral em ratos observados no campo aberto.** Gemignani S, Bertassi C, Pedroso-Mariani SR FMJ - Farmacologia

**03.049**

**Chronic ingestion of ethanol induces a decrease in the expression of glur1 subunit in hippocampus of rats.** Ferreira MBB<sup>1</sup>, Dos Santos JM<sup>2</sup>, Souto TS<sup>1</sup>, Prando N<sup>1</sup>, Guidotti FC<sup>1</sup>, Cêra NA<sup>1</sup>, Iyomasa MM<sup>1</sup>, Rosa ML<sup>1</sup><sup>1</sup>FIPA-FAMECA - Bioquímica, <sup>2</sup>FAMECA - Ciências Fisiobiológicas

**03.050**

**Ayahuasca induces memory impairments in mice.** Talhati F<sup>1</sup>, Ricardo VP<sup>2</sup>, Wuo-Silva R<sup>3</sup>, Frussa-Filho R<sup>3</sup>, Marinho EAV<sup>4</sup> <sup>1</sup>UBC - Ciências da Saúde, <sup>2</sup>UNIFESP/UNIP - Farmacologia/Ciências da Saúde, <sup>3</sup>UNIFESP - Farmacologia, <sup>4</sup>UBC/UNIFESP - Ciências da Saúde/Farmacologia

**03.051**

**A expressão da sensibilização comportamental à nicotina em ratos adolescentes e adultos.** Garves LA, Cruz FC, Planeta CS FCF-UNESP Araraquara - Princípios Ativos Naturais e Toxicologia

**03.052**

**Neonatal hypoxia produces dopaminergic hyperresponsiveness to cocaine in adult mice.** Ricardo VP<sup>1</sup>, Kameda SR<sup>2</sup>, Almeida E<sup>2</sup>, Wuo-Silva R<sup>2</sup>, D'Almeida V<sup>3</sup>, Tufik S<sup>3</sup>, Frussa-Filho R<sup>2</sup> - <sup>1</sup>UNIP - Biomedicina, <sup>2</sup>UNIFESP - Farmacologia, <sup>3</sup>UNIFESP - Psicobiologia

**03.053**

**Antioxidant strategies revert aging-induced behavioral alterations in rats.** Ricardo VP<sup>1</sup>, Junior PRL<sup>2</sup>, Batah PNE<sup>2</sup>, Silva RCF<sup>2</sup>, Frussa-Filho R<sup>2</sup> <sup>1</sup>UNIFESP/UNIP - Farmacologia/Ciências da Saúde, <sup>2</sup>UNIFESP - Farmacologia

**03.054**

**Prevalência do uso de medicamentos em pós-graduandas com distúrbios do equilíbrio e/ou da audição.** Salgado RS, Prezotto AO, Paulino CA, Onishi ET UNIBAN

**03.055**

**Avaliação de anticolinesterásicos sobre aprendizado e memória de longa duração de camundongos.** Pereira JD<sup>1</sup>, Viel TA<sup>2</sup>, Buck HS<sup>3</sup>, Garcia AG<sup>4</sup>, Caricati-Neto A<sup>1</sup>, Jurkiewicz A<sup>1</sup>, Jurkiewicz NH<sup>1</sup><sup>1</sup>UNIFESP - Farmacologia, <sup>2</sup>EACH-USP <sup>3</sup>FCMSCSP - Ciências Fisiológicas, <sup>4</sup>UAM - Farmacologia

**03.056**

**MDMA (*ecstasy*) treatment alters leukocyte distribution by a glucocorticoid-dependent mechanism.** Ferraz-de-Paula V<sup>1</sup>, Ribeiro A<sup>1</sup>, Hamasato EK<sup>1</sup>, Moreau RLM<sup>2</sup>, Palermo-Neto J<sup>1</sup> <sup>1</sup>FMVZ-USP - Patologia Veterinária, <sup>2</sup>FCF-USP - Análises Clínicas e Toxicológicas

**Setor 04. Inflamação/Inflammation**

**04.115**

**Screening of new rolipram analogues using a long-term murine model of asthma.** Cardozo SVS<sup>1</sup>, Santos TPO<sup>2</sup>, Pires ALA<sup>2</sup>, Silva PMR<sup>2</sup>, Barreiro EJ<sup>3</sup>, Lima LM<sup>3</sup>, Martins MA<sup>2</sup> - <sup>1</sup>UFRJ - Farmácia, <sup>2</sup>FIOCRUZ - Fisiologia e Farmacodinâmica, <sup>3</sup>LASSBio-UFRJ - Farmácia

**04.116**

**The use of 3D lung myofibroblast culture system for screening anti-fibrotic drugs.** Dalzy DV, Guimarães-Silva AM, Ferreira TPT, Silva PMR, Perez SAC, Martins MA FIOCRUZ - Fisiologia e Farmacodinâmica

**04.117**

**Role of cyclooxygenase-1 and -2 in prostacyclin production induced by the sPLA<sub>2</sub> subunit of crototoxin from *Crotalus durissus terrificus* snake venom in endothelial cells.** Matsubara MH<sup>1</sup>, Lima SA<sup>1</sup>, Moreira V<sup>1</sup>, Soares AM<sup>2</sup>, Teixeira CFP<sup>1</sup> <sup>1</sup>Instituto Butantan - Farmacologia, <sup>2</sup>FCFRP-USP - Análises Clínicas Toxicológicas e Bromatológicas

**04.118**

**Efeito do LASSBio-897 sobre a inflamação pulmonar causada por sílica em camundongos.** Arantes ACS de<sup>1</sup>, Ferreira T<sup>2</sup>, Trentin PG<sup>1</sup>, Pires ALA<sup>1</sup>, Cordeiro RSB<sup>1</sup>, Barreiro EJ<sup>3</sup>, Martins MA<sup>1</sup>, Fraga CAM<sup>3</sup>, Silva PMR<sup>1</sup> <sup>1</sup>IOC-FIOCRUZ - Fisiologia e Farmacodinâmica, <sup>2</sup>UNICAMP - Farmacologia, <sup>3</sup>LASSBio-UFRJ - Farmácia - LASSBio

**04.119**

**Inflammatory response triggered by Influenza A (H1N1 WSN/33) infection in a murine model.** Tavares, LP<sup>1</sup>, Garcia CC<sup>1</sup>, Carvalho RT<sup>2</sup>, Russo RC<sup>1</sup>, Machado AMV<sup>3</sup>, Sousa LP<sup>2</sup>, Teixeira MM<sup>1</sup><sup>1</sup>UFMG - Bioquímica e Imunologia, <sup>2</sup>COLTEC-UFMG - Patologia Clínica, <sup>3</sup>UNIFESP - Bioquímica

**04.120**

**Inhibition of the vascular permeability for new thiazolidine derivative (LPSF/GQ-130).** Santos IBV, Lima SMA, Galvão CM, Botelho SPS, Galdino SL, Lima MCA, Silva TG, Pitta IR UFPE - Antibióticos

## Sessão de Painéis/Posters Session

**04.121**

**Therapeutic attenuation of silica-induced pulmonary fibrosis by immunotoxin chimeric molecule IL-13PE.** Ferreira TPT<sup>1</sup>, Arantes ACS de<sup>1</sup>, Rocco PRM<sup>2</sup>, Puri R<sup>4</sup>, Hogaboam C<sup>5</sup>, Martins MA<sup>1</sup>, Silva PMR<sup>1</sup> <sup>1</sup>FIOCRUZ - Fisiologia e Farmacodinâmica, <sup>2</sup>UFRJ - Investigação Pulmonar, <sup>4</sup>CBER, <sup>5</sup>UMICH - Patologia

**04.122**

**Periodontal disease alters saliva composition in rats.** Maia-Dantas A, Martins Porto R, Teixeira SA, Campi P, Costa SKP, Muscará MN USP - Farmacologia

**04.123**

**Bradykinin activates human eosinophils: role of endogenous PGE2 in induction of lipid body biogenesis.** Bakker-Abreu I<sup>1</sup>, Ferreira-Souza L<sup>1</sup>, LUNA TGS<sup>1</sup>, Mesquita-Santos FP<sup>2</sup>, Bozza PT<sup>2</sup>, Diaz BL<sup>1</sup>, Scharfstein J<sup>1</sup>, Bandeira-Melo C<sup>1</sup> <sup>1</sup>IBCCF-UFRJ, <sup>2</sup>FIOCRUZ - Fisiologia e Farmacodinâmica, <sup>3</sup>IBCCF-UFRJ - Imunobiologia

**04.125**

**Estudo do mecanismo de ação anti-inflamatória e anti-hipernociceptiva de LASSBio-1135 E LASSBio-1141: papel da MAPK p38 e dos receptores de adenosina.** Lima CKF<sup>1</sup>, Lacerda RB<sup>1</sup>, Fraga CAM<sup>1</sup>, Quintas LEM<sup>2</sup>, Barreiro EJ<sup>1</sup>, Miranda ALP<sup>1</sup> - <sup>1</sup>FF-LASSBio-UFRJ - Fármacos, <sup>2</sup>UFRJ - Farmacologia Básica e Clínica

**04.126**

**Comparison between topical and per os treatments from *Caryocar coriaceum* Wittm. fruit pulp fixed oil on murine inflammation.** Saraiva RA<sup>1</sup>, Araruna MKA<sup>1</sup>, Menezes KDP<sup>1</sup>, Oliveira RC<sup>1</sup>, Leite GO<sup>1</sup>, Souza HHF<sup>1</sup>, Fernandes CN<sup>1</sup>, Costa JGM<sup>2</sup>, Campos AR<sup>3</sup>, Menezes IRA<sup>1</sup> <sup>1</sup>URCA - Química Biológica, <sup>2</sup>URCA - Ciências Biológicas e da Saúde, <sup>3</sup>UNIFOR

**04.127**

**Evaluation of anti-inflammatory effect of LQFM002, a new candidate of prototype drugs derived from pyrazole.** Lino RC<sup>1</sup>, Gomes, M. N.<sup>2</sup>, Nascimento MVM<sup>1</sup>, Galdino PM<sup>1</sup>, Florentino FI<sup>1</sup>, Menegatti R<sup>2</sup>, Costa EA<sup>1</sup> <sup>1</sup>ICB-UFG - Farmacologia de Produtos Naturais, <sup>2</sup>UFG - Química Farmacêutica Medicinal-FF-UFG

**04.128**

**Human eosinophils synthesize PGD<sub>2</sub>: autocrine function in eosinophil activation.** Luna TGS<sup>1</sup>, Magalhães KG<sup>1</sup>, Bakker-Abreu I<sup>1</sup>, Mesquita-Santos FP<sup>2</sup>, Weller PF<sup>3</sup>, Bozza PT<sup>2</sup>, Diaz BL<sup>1</sup>, Bandeira-Melo C<sup>1</sup> <sup>1</sup>IBCCF-UFRJ, <sup>2</sup>FIOCRUZ - Fisiologia e Farmacodinâmica, <sup>3</sup>Harvard - Medicine

**04.129**

**Salivary gland extract (SGE) of *Lutzomyia longipalpis* and LJM 111 protein, component from SGE, inhibited inflammatory parameters on experimental arthritis model.** Grespan R<sup>1</sup>, Lemos HP<sup>1</sup>, Oliveira CJF<sup>2</sup>, Valenzuela J<sup>3</sup>, Teixeira C<sup>3</sup>, Cunha FQ<sup>1</sup> <sup>1</sup>USP - Pharmacology, <sup>2</sup>USP - Immunology, <sup>3</sup>NIH - Malaria and Vector Research

**04.130**

**TNF induces iNOS expression by pineal cells through a mechanism dependent of NFkB.** Sousa CEC, Fernandes PACM, Tamura EK, Petrilli CL, Markus RP IB-USP - Fisiologia

**04.131**

**Female sex hormones influence on the acute lung inflammation after an intestinal ischemic insult.** Breithaupt-Faloppa AC, Ramos MMA, Vitoretti LB, Ligeiro de Oliveira AP, Sudo-Hayashi LS, Oliveira-Filho RM, Vargaftig BB, Tavares de Lima W ICB-USP Farmacologia

**04.132**

**Lectin of *Lonchocarpus araripensis* seeds inhibits paw edema induced by carrageenan, sodium nitroprusside and phospholipase A<sub>2</sub> in mice.** Pires AF<sup>1</sup>, Sousa PL<sup>1</sup>, Fernandes DC<sup>1</sup>, Rodrigues NVFC<sup>1</sup>, Marques-Domingos GFO<sup>1</sup>, Marinho MM<sup>2</sup>, Pereira MG<sup>1</sup>, Cavada BS<sup>2</sup>, Alencar NMN de<sup>3</sup>, Assreuy AMS<sup>1</sup> <sup>1</sup>UECE - Ciências Biomédicas, <sup>2</sup>UFC - Bioquímica e Biologia Molecular, <sup>3</sup>UFC - Fisiologia e Farmacologia

**04.133**

**Study of calamine, allantoin and silver sulfadiazine as skin wound healing drugs.** Salomão ACS, Riveros BS, Batista SD, Silva CD<sup>1</sup>, Pietrovski EF, Otuki MF, Cabrini DA UFPR - Farmacologia

**04.134**

**Hydrogen peroxide induces neutrophil apoptosis via NFkB inhibition and activation of bAX and caspase-3.** Lopes F<sup>1</sup>, Sousa LP<sup>2</sup>, Coelho FM<sup>3</sup>, Costa VV<sup>3</sup>, Teixeira MM<sup>3</sup>, Pinho V<sup>3</sup> <sup>1</sup>UFMG - Morfologia, <sup>2</sup>COLTEC-UFMG - Patologia Clínica, <sup>3</sup>UFMG - Bioquímica e Imunologia, <sup>4</sup>UFMG - Bioquímica e Imunologia

**04.135**

**CCR2 drives neutrophil migration into the joint and determines severity of experimental arthritis.** Bianchini FJ<sup>1</sup>, Nascimento DCB<sup>2</sup>, Souto FO<sup>3</sup>, Pinto LG<sup>1</sup>, Alves-Filho JC<sup>1</sup>, Cunha FQ<sup>1</sup> <sup>1</sup>FMRP-USP - Pharmacology, <sup>2</sup>FMRP-USP - Biochemistry and Basic Immunology, <sup>3</sup>FMRP-USP - Surgery and Anatomy

## *Sessão de Painéis/Posters Session*

**04.136**

**The role of endogenous glucocorticoids and annexin-A1 on neutrophil mobilization from bone marrow to circulation.** Cavalcanti DM<sup>1</sup>, Dalli J<sup>2</sup>, Perretti M<sup>2</sup>, Farsky S<sup>1</sup> FCF - Clinical and Toxicological Analysis, <sup>2</sup>WHRI - Biochemical Pharmacology

**04.137**

**Edematogenic activity of polysaccharidic extracts from *Caesalpinia ferrea* in rats.** Pereira LP, Sousa AAS, Martins PA, Assreuy AMS, Pereira MG ISCB-UECE

**04.138**

**Anti-inflammatory effect of hydrogen sulphide (H2S) on ifosfamide-induced hemorrhagic cystitis in mice.** Lima-Júnior RCP, Wong DVT, Cavalcante-Neto JS, Medeiros RP, Marques Neto RD, Leite LL, Nunes LG, Brito GAC, Souza MHL, Ribeiro RA UFC - Fisiologia e Farmacologia

**04.139**

**Effects of hydroquinone on the functional activity of neutrophil.** Pinedo F<sup>1</sup>, Hebeda CB<sup>1</sup>, Ferreira ZS<sup>2</sup>, Markus RP<sup>2</sup>, Almeida SR<sup>1</sup>, Farsky S<sup>1</sup> ICB-USP - Clinical and Toxicological Analysis, <sup>2</sup>ICB-USP - Physiology

**04.140**

**Anti-inflammatory activity of *Adiantum* SP extract (Pteridaceae, Pteridophyta).** Nonato FR<sup>1</sup>, Nogueira TM<sup>1</sup>, Barros TAA<sup>1</sup>, Lucchese AM<sup>2</sup>, Ribeiro-dos-Santos<sup>1</sup>, Soares MBP<sup>1</sup>, Villarreal CF<sup>1</sup> CPqGM-FIOCRUZ - Engenharia Tecidual e Imunofarmacologia (LETI), <sup>2</sup>UEFS - Exatas

**04.141**

**ATLa, an aspirin-triggered lipoxin A<sub>4</sub> synthetic analog, prevents the inflammatory and fibrotic effects of bleomycin-induced pulmonary fibrosis.** Martins V<sup>1</sup>, Valença SS<sup>2</sup>, Farias-Filho FA<sup>3</sup>, Silva PMR<sup>3</sup>, Hogaboam C<sup>4</sup>, Kunkel SL<sup>4</sup>, Fierro IM<sup>5</sup>, Canetti C<sup>6</sup>, Benjamim CF<sup>1</sup> UFRJ - Farmacologia Básica e Clínica, <sup>2</sup>IBRAG-UERJ - Histologia e Embriologia, <sup>3</sup>FIOCRUZ - Fisiologia e Farmacodinâmica, <sup>4</sup>UMICH - Pathology, <sup>5</sup>UERJ - Farmacologia

**04.142**

**Alpha-1-acid glycoprotein decreases the endothelium-neutrophil interactions and increases the susceptibility of diabetic mice to sepsis.** Spiller F<sup>1</sup>, Carlos D<sup>1</sup>, Souto FO<sup>1</sup>, Freitas A<sup>1</sup>, Vieira SM<sup>2</sup>, Mestriner FLAC<sup>3</sup>, Paula FJA<sup>3</sup>, Alves-Filho JC<sup>1</sup>, Cunha FQ<sup>1</sup> FMRP-USP - Farmacologia, <sup>2</sup>COPE-INPA, <sup>3</sup>FMRP-USP - Clínica Médica

**04.143**

**Phototherapy (PhT): attenuation of cholinergic hyperreactivity,  $\beta_2$ -adrenergic hyporesponsiveness and TNF- $\alpha$  mRNA expression in rat bronchi segments in *E. coli* lipopolysaccharide-induced airway inflammation by a NF-KB-dependent mechanism.** Mafra De Lima, F<sup>1</sup>, Albertini R<sup>2</sup>, Aimbare F<sup>2</sup> UNIVAP, <sup>2</sup>UNICASTELO

**04.144**

**Caspase-1 deficient mice present increased resistance to severe sepsis.** Sonego F<sup>1</sup>, Alves-Filho JC<sup>1</sup>, Nascimento DCB<sup>2</sup>, Freitas A<sup>1</sup>, Zamboni DS<sup>3</sup>, Cunha FQ<sup>1</sup> FMRP-USP - Farmacologia, <sup>2</sup>FMRP-USP - Imunologia e Bioquímica Básica, <sup>3</sup>FMRP-USP - Biologia Celular, Molecular e Bioagentes Patogênicos

**04.145**

**Phototherapy reduces the hyperreactivity and hyporeactivity of trachea smooth muscle segments to cholinergic agonist in a lung inflammation model induced by intestinal reperfusion ischemia in rat.** Mafra de Lima F<sup>1</sup>, Salgado MAC<sup>2</sup>, Tavares de Lima W<sup>3</sup>, Aimbare F<sup>4</sup> UNIVAP - Laserterapia e Inflamação Pulmonar, <sup>2</sup>FOSJC-UNESP - Morfologia, <sup>3</sup>ICB-USP - Farmacologia, <sup>4</sup>UNICASTELO

**04.146**

**Acute lung inflammation and endothelial cell damage are decreased after treatment with phototherapy (PhT) in a model of acute lung injury induced by *E. coli* lipopolysaccharide in rat.** Aimbare F<sup>1</sup>, Mafra de Lima F<sup>1</sup> UNICASTELO, <sup>2</sup>UNIVAP - Laserterapia e inflamação pulmonar

**04.147**

**Phototherapy (PhT) decreases pulmonary microvascular leakage, neutrophil influx and IL-1 $\beta$  mRNA expression in airway and lung from rat subjected to LPS-induced inflammation.** Aimbare F<sup>1</sup>, Mafra de Lima F<sup>2</sup>, Ligeiro de Oliveira AP<sup>3</sup>, Albertini R<sup>1</sup> UNICASTELO, <sup>2</sup>UNIVAP - Laserterapia e Inflamação Pulmonar, <sup>3</sup>USP - Farmacologia

**04.148**

**Relationship between female sex hormones and the generation of TH17 cells in experimental asthma model.** Ligeiro de Oliveira AP<sup>1</sup>, Peron JPS<sup>2</sup>, Golega BA<sup>1</sup>, Rodrigues-Soares C<sup>1</sup>, Oliveira-Filho RM<sup>1</sup>, Rizzo LV<sup>2</sup>, Tavares de Lima W<sup>1</sup> ICB-USP - Farmacologia, <sup>2</sup>ICB-USP - Imunologia

**04.149**

**Lung myofibroblast activation by IL-13 is under control of metalloproteinase in a three dimensional culture system.** Nascimento CVMF, Jurgilas PB, Ferreira TPT, Dalzy DV, Silva PMR, Cordeiro RSB, Martins MA, Perez SAC IOC-FIOCRUZ - Fisiologia e Farmacodinâmica

## Sessão de Painéis/Posters Session

### 04.150

**Lung myofibroblast activation by IL-13 is under control of metalloproteinase in a three dimensional culture system.** Nascimento CVMF, Dalzy DV, Jurgilas PB, Ferreira TPT, Silva PMR, Cordeiro RSB, Martins MA, Perez SAC <sup>1</sup>IOC-FIOCRUZ - Fisiologia e Farmacodinâmica

### 04.151

**Leukotriene controls chemokine production and inflamasome activation in an experimental model of gout.** Amaral FA<sup>1</sup>, Costa VV<sup>1</sup>, Coelho FM<sup>2</sup>, Sachs D<sup>3</sup>, Fagundes CT<sup>2</sup>, Teixeira MM<sup>2</sup>, Souza DG<sup>1</sup> <sup>1</sup>UFMG - Microbiologia, <sup>2</sup>UFMG - Bioquímica e Imunologia, <sup>3</sup>FMRP-USP - Farmacologia

### 04.152

**NK1 receptors are involved in the febrile response induced by lipopolissacharide (LPS) but not by interleukin-1β (IL-1β).** Reis RC<sup>1</sup>, Brito HO<sup>1</sup>, Boller S<sup>1</sup>, Fraga D<sup>2</sup>, Zampronio AR<sup>1</sup> <sup>1</sup>UFPR - Farmacologia, <sup>2</sup>USP - Farmacologia

### 04.153

**Role of the chemokine CCL5/RANTES on leukocyte-endothelium interactions in an experimental model of herpetic encephalitis.** Vilela MC<sup>1</sup>, Mansur DS<sup>2</sup>, Queiroz NL<sup>3</sup>, Rodrigues DH<sup>3</sup>, Amaral DCG<sup>4</sup>, Lima G K<sup>2</sup>, Kroon EG<sup>2</sup>, Campos MA<sup>5</sup>, Teixeira MM<sup>6</sup>, Teixeira AL<sup>7</sup> <sup>1</sup>UFMG - Infectologia e Medicina Tropical, <sup>2</sup>UFMG - Microbiologia, <sup>3</sup>UFMG - Biologia Celular, <sup>4</sup>UFMG - Imunofarmacologia, <sup>5</sup>CPqRR-FIOCRUZ - Imunopatologia, <sup>6</sup>UFMG - Bioquímica e Imunologia, <sup>7</sup>UFMG - Medicina

### 04.154

**The inflamasome complex is crucial for inflammatory response induced by monosodium urate in An novel model of gouty arthritis in mice.** Amaral FA<sup>1</sup>, Costa VV<sup>1</sup>, Rodrigues Coelho F<sup>2</sup>, Ryffel B<sup>3</sup>, Souza DG<sup>1</sup>, Teixeira MM<sup>4</sup> - <sup>1</sup>UFMG - Microbiologia, <sup>2</sup>USP - Farmacologia, <sup>3</sup>CNRS - Immunologie, <sup>4</sup>UFMG - Bioquímica e Imunologia

### 04.155

**Selective blockade of bradikinin-2 receptor activation dampens systemic inflammatory response and prevents disease onset in primary dengue virus infection in mice.** Fagundes CT<sup>1</sup>, Costa VV<sup>2</sup>, Silveira KD<sup>3</sup>, lima CX<sup>2</sup>, Valadão DF<sup>2</sup>, Morcatty TQ<sup>2</sup>, Santos AG<sup>2</sup>, Amaral FA<sup>1</sup>, Souza RS<sup>3</sup>, Cisalpino D<sup>2</sup>, Souza PRS<sup>3</sup>, Pesquero JL<sup>4</sup>, Sousa LP<sup>5</sup>, Teixeira MM<sup>3</sup>, Souza DG<sup>2</sup> <sup>1</sup>ICB-UFMG - Bioquímica e Imunologia/Microbiologia, <sup>2</sup>ICB-UFMG - Microbiologia, <sup>3</sup>ICB-UFMG - Bioquímica e Imunologia, <sup>4</sup>ICB-UFMG - Fisiologia e Biofísica, <sup>5</sup>COLTEC-UFMG - Patologia Clínica

### 04.156

**ETB receptor activation as a mechanism of modulation of inflammatory pain and neurogenic inflammation in temporomandibular joint of capsaicin-treated rats.** Câmara PRS<sup>1</sup>, Martins Porto R<sup>1</sup>, Denadai-Souza A<sup>1</sup>, Ribela MTCP<sup>2</sup> <sup>1</sup>ICB-USP - Farmacologia, <sup>2</sup>IPEN - Biologia Molecular

### 04.157

**Inhibition of nitric oxide synthase affects antioxidant enzyme activities in allergic mice lungs.** Augusto AC<sup>1</sup>, Benetti LR<sup>2</sup>, Pelaquini EH<sup>2</sup>, Nogueira JS<sup>2</sup>, Marques MG<sup>2</sup>, Santos KL<sup>2</sup>, Lopes CO<sup>2</sup>, Gurgueira SA<sup>1</sup>, Ferreira HHA<sup>2</sup> <sup>1</sup>USF - Oxidative Stress, <sup>2</sup>USF - Inflammation

### 04.158

**Participation of P2X7 purinergic receptors in the hemorrhagic cystitis induced with cyclophosphamide in mice.** Martins JP<sup>1</sup>, Santos Jr AA<sup>2</sup>, Boeira VT<sup>2</sup>, Coutinho R<sup>4</sup>, Battastini AMO<sup>5</sup>, Santos DS<sup>3</sup>, Morrone FB<sup>3</sup>, Campos MM<sup>6</sup> <sup>1</sup>PUCRS - Medicina, <sup>2</sup>INCT-PUCRS - Biologia Molecular e Funcional, <sup>3</sup>PUCRS - Farmácia, <sup>4</sup>IBCCF-UFRJ, <sup>5</sup>UFRGS - Bioquímica, <sup>6</sup>PUCRS - Odontologia

### 04.159

**Heparin inhibits the myotoxic effect of *Apis mellifera* crude venom.** Gaban GA, Fonseca TF, El-Kik CZ, Fernandes FFA, Melo PA UFRJ - Farmacologia Básica e Clínica

### 04.160

**O fator de ativação plaquetário (PAF) desempenha importante papel na malária cerebral experimental.** Queiroz NL<sup>1</sup>, Miranda AS<sup>2</sup>, Rodrigues DH<sup>3</sup>, Vilela MC<sup>3</sup>, Amaral DCG<sup>3</sup>, Camargos ERS<sup>4</sup>, Carvalho LJM<sup>5</sup>, Teixeira MM<sup>6</sup>, Teixeira AL<sup>7</sup> <sup>1</sup>UFMG - Parasitologia, <sup>2</sup>UFMG - Infectologia e Medicina Tropical, <sup>3</sup>ICB-UFMG, <sup>4</sup>UFMG - Morfologia, <sup>5</sup>FIOCRUZ - Imunologia, <sup>6</sup>UFMG - Bioquímica e Imunologia, <sup>7</sup>UFMG - Medicina

### 04.161

**Influência dos hormônios sexuais femininos (HSF) sobre a produção/liberação de citocinas no pulmão em modelo murino de asma aguda.** Accetturi BG<sup>1</sup>, Ligeiro de Oliveira AP<sup>1</sup>, Rodrigues-Soares C<sup>1</sup>, Domingos HV<sup>1</sup>, Oliveira-Filho RM<sup>1</sup>, Lima C<sup>2</sup>, Tavares de Lima W<sup>1</sup> <sup>1</sup>ICB-USP - Farmacologia, <sup>2</sup>Instituto Butantan - Imunologia

### 04.162

**Influência dos hormônios sexuais femininos sobre a inflamação alérgica pulmonar em modelo murino de asma crônica.** Rodrigues-Soares C<sup>1</sup>, Martins IO<sup>1</sup>, Vieira RP<sup>2</sup>, Golega BA<sup>1</sup>, Ligeiro de Oliveira AP<sup>1</sup>, Oliveira-Filho RM<sup>1</sup>, Tavares de Lima W<sup>1</sup> <sup>1</sup>ICB-USP - Farmacologia, <sup>2</sup>USP - Patologia

## **Sessão de Painéis/Posters Session**

**04.163**

**Influence of female sex hormones on the remodeling and airway responsiveness in a murine model of asthma.** Martins IO<sup>1</sup>, Rodrigues-Soares C<sup>1</sup>, Ligeiro de Oliveira AP<sup>1</sup>, Vieira RP<sup>2</sup>, Tavares de Lima W<sup>1</sup> ICB-USP - Farmacologia, <sup>2</sup>USP - Farmacologia, <sup>2</sup>USP - Patologia

**04.164**

**Activation of peroxisome proliferator-activated receptor-{gamma} improve the survival in severe sepsis by inhibition of serum levels of alpha-1-acid glycoprotein.** Mestriner FLAC<sup>1</sup>, Spiller F<sup>1</sup>, Sonego F<sup>1</sup>, Czaikoski PG<sup>1</sup>, Vieira SM<sup>2</sup>, Dal-Secco D<sup>3</sup>, Cunha FQ<sup>1</sup> FMRP-USP - Pharmacology, <sup>2</sup>COPE-INPA, <sup>3</sup>UFSC - Pharmacology

**04.165**

**Modulation of GATA-3 expression is involved in resistance to steroid therapy in a murine model of allergic airway inflammation.** Serra MF, Pão CRR, Anjos-Valotta EA dos, Jurgilas PB, Couto GC, Cotias AC, Pires ALA, Cordeiro RSB, Silva PMR, Martins MA FIOCRUZ - Fisiologia e Farmacodinâmica

**04.166**

**Protein disulfide isomerase regulates phagocyte NADPH oxidase activation. Possible interaction with p47<sup>phox</sup>.** Paes AMA<sup>1</sup>, Verissimo-Filho S<sup>2</sup>, Janiszewski M<sup>2</sup>, Laurindo FRM<sup>3</sup>, Lopes LR<sup>2</sup> DCF-UFMA, <sup>1</sup>ICB-USP, <sup>3</sup>InCor-FMUSP

**04.167**

**Efeitos de uma metaloproteinase isolada de veneno de serpente na produção de mediadores inflamatórios envolvidos na inflamação articular: participação de sinoviócitos do tipo B.** Fernandes CM<sup>1</sup>, Leiguez Jr E<sup>1</sup>, Rocha FA<sup>2</sup>, Gutiérrez JM<sup>3</sup>, Teixeira CFP<sup>1</sup> <sup>1</sup>Instituto Butantan - Farmacologia, <sup>2</sup>FM-UFC - Medicina Clínica, <sup>3</sup>ICP-UCR

**04.168**

**The dual role of heme oxygenase-1 in severe polymicrobial sepsis.** Freitas A<sup>1</sup>, Alves-Filho JC<sup>1</sup>, Nascimento DCB<sup>2</sup>, Sonego F<sup>1</sup>, Spiller F<sup>1</sup>, Dal-Secco D<sup>1</sup>, Suavinha MM<sup>1</sup>, Cunha FQ<sup>1</sup> FMRP-USP - Farmacologia, <sup>2</sup>FMRP-USP - Imunologia e Bioquímica Básica

**04.169**

**Efeitos da serinoproteinase PA-BJ, isolada do veneno da serpente *Bothrops jararaca*, em células endoteliais *in vitro*: na participação das ciclooxygenases-1 e -2 na liberação de prostaciclina.** Lima SA<sup>1</sup>, Matsubara MH<sup>1</sup>, Moreira V<sup>1</sup>, Serrano SMT<sup>2</sup>, Teixeira CFP<sup>1</sup> - <sup>1</sup>Instituto Butantan - Farmacologia, <sup>2</sup>Instituto Butantan - Toxinologia

**04.170**

**Liberação local de mediadores quimiotáticos e aumento de leucócitos circulantes, induzidos pelo veneno de *Bothrops insularis* (VBi), em camundongos.** Souto P, Moreira V, Sampaio MC, Teixeira CFP Instituto Butantan - Farmacologia

**04.171**

**A MT-III, uma fosfolipase A<sub>2</sub> secretada, isolada do veneno da serpente *Bothrops asper*, induz a formação de corpúsculos lipídicos dependente da PI3K, p38MAPK E ERK1/2 e a expressão protéica da adrp, em macrófagos.** Leiguez Jr E<sup>1</sup>, Zuliani JP<sup>2</sup>, Fernandes CM<sup>1</sup>, Sampaio MC<sup>1</sup>, Gutiérrez JM<sup>3</sup>, Teixeira CFP<sup>1</sup> <sup>1</sup>Instituto Butantan - Farmacologia, <sup>2</sup>IPEPATRO - Bioquímica, <sup>3</sup>ICP-UCR

**04.172**

**Aumento do número de neutrófilos circulantes e liberação local de mediadores quimiotáticos induzidos pelo veneno da serpente *Bothrops moojeni* (VBm), em camundongos.** Sampaio MC<sup>1</sup>, Fernandes CM<sup>2</sup>, Leiguez Jr E<sup>2</sup>, Souto P<sup>2</sup>, Frare EO<sup>2</sup>, Teixeira CFP<sup>1</sup> <sup>1</sup>ICB-USP - Imunologia, <sup>2</sup>Instituto Butantan Farmacologia

**04.173**

**Dexametasona reverte a inflamação e a dismotilidade gástrica associada à mucosite intestinal por 5-fluorouracil em ratos.** Lucetti LT<sup>1</sup>, Oliveira GJ<sup>1</sup>, Medeiros J-VR<sup>1</sup>, Barbosa ALR<sup>1</sup>, Brito GAC<sup>2</sup>, Ribeiro RA<sup>1</sup>, Soares PMG<sup>2</sup>, Souza MHL<sup>1</sup> - <sup>1</sup>UFC - Fisiologia e Farmacologia, <sup>2</sup>UFC - Morfologia

**04.174**

**Inflamação associada à mucosite intestinal por 5-fluorouracil em ratos – papel da pentoxifilina.** Lucetti LT, Oliveira GJ, Barbosa ALR, Medeiros J-VR, Brito GAC, Ribeiro RA, Soares PMG, Souza MHL UFC - Fisiologia e Farmacologia

## **Setor 05. Dor e Nocicepção/Pain and Nociception**

**05.048**

**Evaluation of antinoceutive spinal activity in rodents of TX3-4, a toxin peptide purified from the spider *Phoneutria nigriventer* venom.** Silva JF<sup>1</sup>, Gonçalves JM<sup>1</sup>, de Castro Junior CJ<sup>1</sup>, De Souza AH<sup>1</sup>, Ferreira J<sup>2</sup> UFMG - Farmacologia Bioquímica e Molecular, <sup>2</sup>UFSM - Bioquímica

**05.049**

**Antinociceptive effect of carvacrol (5-Isopropyl-2-methylphenol) in mice.** Cavalcante GIT<sup>1</sup>, Félix FHC<sup>1</sup>, Moura BA<sup>1</sup>, Rios ERV<sup>2</sup>, Pequeno MIG<sup>1</sup>, De Sousa DP<sup>2</sup>, Sousa FCF<sup>1</sup>, Fonteles MMF<sup>5</sup> <sup>1</sup>UFC - Fisiologia e Farmacologia, <sup>2</sup>UFS - Fisiologia, <sup>3</sup>UFC - Farmácia, Fisiologia e Farmacologia

## Sessão de Painéis/Posters Session

**05.050**

**NO/cGMP/KATP pathway's activated by ketamine to induce peripheral antinociception in rat.** Romero TRL, Mendes R, Resende LC, Duarte IDG UFMG - Fisiologia e Farmacologia

**05.051**

**Estudos preliminares do efeito antinociceptivo de  $\alpha$ -Terpineol, o constituinte majoritário do óleo essencial da resina de *Protium heptaphyllum* March. em roedores.** Marques RB<sup>1</sup>, Lopes LS<sup>2</sup>, Figueiredo KA<sup>1</sup>, Mendes RMB<sup>1</sup>, Pereira SS<sup>1</sup>, Oliveira FA<sup>1</sup>, Almeida FRC<sup>3</sup>  
<sup>1</sup>NPPM-CCS-UFPI, <sup>2</sup>HU-UFPI, <sup>3</sup>UFPI - Bioquímica e Farmacologia

**05.052**

**Envolvimento da via óxido nítrico/GMPc/canais para K<sup>+</sup> ATP sensíveis no efeito antinociceptivo periférico induzido pelo cafestol.** Guzzo LS, Perez AC, Duarte IDG ICB-UFMG- Farmacologia

**05.053**

**Effects of myricitrin on chemical models of overt nociception in mice.** Córdova MM<sup>1</sup>, Werner MFP<sup>2</sup>, Silva MD<sup>1</sup>, Santos ARS<sup>1</sup> <sup>1</sup>UFSC - Ciências Fisiológicas, <sup>2</sup>UFSC - Farmacologia

**05.054**

**Carcinossarcoma 256 de Walker diminui a hipernociceção mecânica induzida por carragenina (CG) OU PGE<sub>2</sub> - participação da via NO/cGMP.** Barbosa ALR<sup>1</sup>, Oliveira GJ<sup>2</sup>, Araujo CP<sup>2</sup>, Torres JNL<sup>2</sup>, Ribeiro RA<sup>2</sup>, Souza MHLP<sup>2</sup>, Vale ML<sup>2</sup> <sup>1</sup>UFPI - Fisioterapia, <sup>2</sup>UFC - Fisiologia e Farmacologia

**05.055**

**NF-KB (nuclear factor KB): a potential therapeutic target for postoperative pain.** Nogueira TM, Senra J, Ribeiro-dos-Santos RR<sup>1</sup>, Soares MBP, Villarreal CF CPqGM-FIOCRUZ - Engenharia Tecidual e Imunofarmacologia

**05.056**

**Analysis of the antinociceptive activity of extract fractions of *Pterodon polypalaeoflorus* and fitochemistry.** Nogueira MCO, Pinto FA, Vigliano MV, Fernandes DC, Coelho MGPIBRAG-UERJ - Bioquímica

**05.057**

**Prostaglandin E<sub>2</sub> receptors (EP) selective agonists induce calcium transients in satellite cells from dorsal root ganglia.** Souza GR, Lotufo CMC, Cunha TM, Cunha FQ, Ferreira SH FMRP-USP - Farmacologia

**05.058**

**Hyponociceptive role of articular histamine H1 receptor.** Souza-Silva E, De Oliveira DT, Faria T, Barbosa MP, Velho L, Tonussi CR UFSC - Farmacologia

**05.059**

**Efeito do pré-tratamento com amifostina no modelo de neuropatia periférica induzida pelo tratamento crônico com o antineoplásico oxaliplatina.** Lino JA, Pontes RB, Rolim FE, Vale ML, Ribeiro RA UFC - Fisiologia e Farmacologia

**05.060**

**Role of transient receptor potential ankyrin, subtype 1 (TRPA1) on the hemorrhagic cystitis visceral nociception model in mice.** Pereira LMS<sup>1</sup>, Medeiros RP<sup>1</sup>, Callado RB<sup>1</sup>, Cavalcante-Neto JS<sup>1</sup>, Marques Neto RD<sup>1</sup>, Wong DVT<sup>1</sup>, Vale ML<sup>1</sup>, Lima-Júnior RCP<sup>1</sup>, Larsen GR<sup>2</sup>, Ribeiro RA <sup>1</sup>UFC - Physiology and Pharmacology, <sup>2</sup>Hydra Biosciences Biopharmaceutical

**05.061**

**Estudo dos mecanismos envolvidos na ação antinociceptiva de *Zanthoxylum rhoifolium* Lam. (Rutaceae).** Pereira SS<sup>1</sup>, Lopes LS<sup>1</sup>, Marques RB<sup>1</sup>, Mendes RMB<sup>1</sup>, Chaves MH<sup>2</sup>, Almeida FRC<sup>1</sup> <sup>1</sup>NPPM-CCS-UFPI, <sup>2</sup>UFPI - Química

**05.062**

**Evaluation of the effects induced by nicorandil and its immediate precursor in the models of formaldehyde-induced nociceptive response and carrageenan-induced edema in mice.** Godin AM<sup>1</sup>, Oliveira FC<sup>2</sup>, Ferreira, WC<sup>1</sup>, Rocha LTS<sup>1</sup>, Vieira RP<sup>1</sup>, Nascimento Jr EB<sup>1</sup>, Seniuk, JGT<sup>1</sup>, De Fátima A<sup>2</sup>, Coelho MM<sup>1</sup> <sup>1</sup>FF-UFMG - Produtos Farmacêuticos, <sup>2</sup>UFMG - Química

**05.063**

**Avaliação do efeito antinociceptivo da fração hidroalcoólica de *Combretum leprosum* Mart.&Eicher (Combretaceae).** Lopes LS<sup>1</sup>, Pereira SS<sup>1</sup>, Marques RB<sup>1</sup>, Ayres MCC<sup>2</sup>, Chaves MH<sup>2</sup>, Almeida FRC<sup>3</sup> <sup>1</sup>NPPM-CCS UFPI, <sup>2</sup>CCN-UFPI - Química, <sup>3</sup>UFPI - Bioquímica e Farmacologia

**05.064**

**Estudo do efeito antinociceptivo de *Zanthoxylum rhoifolium* Lam. (Rutaceae).** Lopes LS<sup>1</sup>, Pereira SS<sup>1</sup>, Marques RB<sup>1</sup>, Figueiredo KA<sup>1</sup>, Costa DA<sup>2</sup>, Chaves MH<sup>3</sup>, Almeida FRC<sup>4</sup> <sup>1</sup>NPPM-CCS-UFPI, <sup>2</sup>UFPB - Ciências Farmacêuticas, <sup>3</sup>UFPI - Química, <sup>4</sup>UFPI - Bioquímica e Farmacologia

**05.065**

**Atividade antinociceptiva de vouacapanos isolados de *Pterodon pubescens* Benth.** Servat L<sup>1</sup>, Spindola HM<sup>1</sup>, Carvalho JE<sup>2</sup>, Rodrigues RAF<sup>3</sup>, Foglio M<sup>3</sup> <sup>1</sup>FOP-UNICAMP - Farmacologia, Anestesiologia e Terapêutica, <sup>2</sup>CPQBA-UNICAMP - Farmacologia e Toxicologia, <sup>3</sup>CPQBA-UNICAMP - Fotoquímica

## **Sessão de Painéis/Posters Session**

**05.066**

**Evidence for the mechanisms underlying interleukin-6-triggered muscle pain in mice.** Manjavachi MN, Marotta DM, Leite DFP, Motta EM, Calixto JB UFSC - Farmacologia

**05.067**

**Cytoskeleton effect on hypoalgesia caused by celecoxib in various inflammatory pain models in rats.** Paiva-Lima P<sup>1</sup>, Rezende RM<sup>2</sup>, Francischi JN<sup>1</sup> <sup>1</sup>UFMG - Farmacologia, <sup>2</sup>UFMG - Fisiologia e Farmacologia

**05.068**

**Potential therapeutic actions of a resolvin D precursor on the inflammatory pain in a model of arthritis in rats.** Lima-Garcia JF<sup>1</sup>, Motta EM<sup>1</sup>, Campos MM<sup>2</sup>, Calixto JB<sup>2</sup> <sup>1</sup>UFSC - Farmacologia, <sup>2</sup>PUCRS - Cirurgia-Odontologia

**05.069**

**Estudo preliminar do efeito antinociceptivo de *Parkia platycephala* Benth. (fava-de-bolota).** Marques RB<sup>1</sup>, Figueiredo KA<sup>1</sup>, Mendes RMB<sup>1</sup>, Pereira SS<sup>1</sup>, Lopes LS<sup>1</sup>, Bezerra RDS<sup>2</sup>, Chaves MH<sup>2</sup>, Almeida FRC<sup>3</sup> <sup>1</sup>NPPM-CCS-UFPI, <sup>2</sup>CCN-UFPI - Química, <sup>3</sup>UFPI - Bioquímica e Farmacologia

**05.070**

**The role of TRPA1 receptor in the development and maintenance of the mechanical and cold hyperalgesia in inflammatory persistent model of pain.** Costa DSM<sup>1</sup>, Meotti FC<sup>1</sup>, Andrade EL<sup>1</sup>, Leal PC<sup>2</sup>, Motta EM<sup>1</sup>, Calixto JB<sup>1</sup> <sup>1</sup>UFSC - Farmacologia, <sup>2</sup>QMC-CFM-UFSC

**05.071**

**IL-17 mediates articular hypernociception in antigen-induced arthritis in mice.** Pinto LG<sup>1</sup>, Cunha TM<sup>1</sup>, Vieira SM<sup>2</sup>, Lemos HP<sup>1</sup>, Verri WA, Jr<sup>3</sup>, Cunha FQ<sup>1</sup>, Ferreira SH<sup>1</sup> <sup>1</sup>FMRP-USP - Farmacologia, <sup>2</sup>COPE-INPA, <sup>3</sup>UEL - Ciências Patológicas

**Setor 06. Cardiovascular e Renal/ Cardiovascular and Renal**

**06.066**

**Vasorelaxant effect of tiliroside in rat small mesenteric arteries.** Amaral AP<sup>1</sup>, Rezende BA<sup>1</sup>, Souza MFV<sup>2</sup>, Côrtes FS<sup>3</sup>, Lemos VS<sup>1</sup> <sup>1</sup>UFMG - Fisiologia e Biofísica, <sup>2</sup>UFPB - Tecnologia Farmacêutica, <sup>3</sup>UFMG - Farmacologia

**06.067**

**Cardiovascular effects induced by alpha-terpineol in normotensive rats.** Siqueira RJB<sup>1</sup>, Silva MTB<sup>1</sup>, Marques RB<sup>2</sup>, Oliveira FA<sup>2</sup>, Almeida FRC<sup>3</sup>, Lahliou S<sup>4</sup>, Santos AA<sup>1</sup>, Magalhães PJC<sup>1</sup> <sup>1</sup>UFC - Fisiologia e Farmacologia, <sup>2</sup>NPPM-CCS-UFPI, <sup>3</sup>UFPI - Bioquímica e Farmacologia, <sup>4</sup>ISCB-UECE

**06.068**

**Granulocyte colony-stimulating factor (G-CSF) increases prostanooids release in isolated aortic rings from spontaneous hypertensive rats.** Padilha AS, Siman FDM, Baldo MP, Vassallo DV, Mill JG UFES - Physiological Sciences

**06.069**

**Cardiovascular responses to *Bothrops Jararacussu* snake venom.** Smaal A, Rodrigues MAP, Dias L, Rennó AL, Hyslop S UNICAMP - Farmacologia

**06.070**

**Liposomes prolong the cardioprotective activity of pyridostigmine.** Vidal AT<sup>1</sup>, Souza ACM<sup>1</sup>, De Paula DCC<sup>1</sup>, Silva-Barcellos NM<sup>1</sup>, Leite R<sup>2</sup>, Guimarães HN<sup>3</sup>, Cardoso ASV<sup>3</sup>, Frezard F<sup>4</sup>, Grabe-Guimarães A<sup>1</sup> <sup>1</sup>UFOP - Farmácia, <sup>2</sup>MCG - Physiology, <sup>3</sup>UFMG - Engenharia Elétrica, <sup>4</sup>UFMG - Fisiologia e Biofísica

**06.071**

**Effects of GAP junctions modulators on oscillatory contractions and vascular reactivity in aortas from sinoaortic denervated rats.** Rocha ML<sup>1</sup>, Araújo AV<sup>2</sup>, Bendhack LM<sup>3</sup> <sup>1</sup>UFG - Ciências Farmacêuticas, <sup>2</sup>USP - Farmacologia, <sup>3</sup>FCFRP-USP

**06.072**

**Does neonatal hyperleptinaemia modulate cardiovascular function?** Marques EB<sup>1</sup>, Pereira Toste F<sup>2</sup>, Toste FP<sup>2</sup>, Raimundo JM<sup>3</sup>, Sudo RT<sup>3</sup>, Zapata-Sudo G<sup>3</sup>, Marques SA<sup>4</sup>, Brito FCF<sup>1</sup>, Vieyra A<sup>5</sup>, Scaramello C<sup>1</sup> <sup>1</sup>UFF - Fisiologia e Farmacologia, <sup>2</sup>UFF - Ciências do Exercício, <sup>3</sup>UFRJ - Farmacologia Básica e Clínica, <sup>4</sup>UFF - Neurobiologia, <sup>5</sup>IBCCF-UFRJ

**06.073**

**Cardioprotection of a self emulsifying drug delivery system of ipriflavone.** Albuquerque K<sup>1</sup>, Sales GS<sup>2</sup>, Almeida TM<sup>2</sup>, Leite R<sup>3</sup>, Mosqueira VCF<sup>3</sup>, Guimarães HN<sup>4</sup>, Grabe-Guimarães A<sup>3</sup> <sup>1</sup>UFOP - Cipharma, <sup>2</sup>EFAR-UFOP, <sup>3</sup>UFOP - Farmácia, <sup>4</sup>UFMG - Engenharia Elétrica

**06.074**

**Cardiac dysfunctions associated with compensatory remodeling are ameliorated by metalloproteinase inhibition in 2K-1C hypertension.** Rizzi E<sup>1</sup>, Castro MM<sup>2</sup>, Prado CM<sup>2</sup>, Aguiar Silva CA<sup>3</sup>, Fazan Jr R<sup>3</sup>, Rossi MA<sup>3</sup>, Tanus-Santos JE<sup>1</sup>, Gerlach RF<sup>4</sup> <sup>1</sup>FMRP-USP - Farmacologia, <sup>2</sup>FMRP-USP - Patologia, <sup>3</sup>FMRP-USP - Fisiologia, <sup>4</sup>FORP-USP - Morfologia

**06.075**

**The nitric oxide (NO) donor Ru(terpy)(bdq)NO<sup>+</sup>**<sup>3+</sup> (Terpy) induces relaxation of the rat mesenteric resistance arteries. Araújo AV<sup>1</sup>, Biazzotto JC<sup>2</sup>, Da Silva RS<sup>2</sup>, Bendhack LM<sup>2</sup> <sup>1</sup>FMRP-USP - Farmacologia, <sup>2</sup>FCFRP-USP - Física e Química

## Sessão de Painéis/Posters Session

**06.076**

**Inhibition of proximal tubular salt and water reabsorption by the gut incretin glucagon-like peptide 1 (GLP-1).** Oricchio FT<sup>1</sup>, Lessa LMA<sup>2</sup>, Malnic G<sup>2</sup>, Girardi AC<sup>1</sup> - <sup>1</sup>InCor-HC-FMUSP, <sup>2</sup>ICB-USP - Fisiologia e Biofísica

**06.077**

**Evaluation of cardiovascular changes induced by chronic treatment with arsenic and antimony trivalents in rats *in vivo*.** Reis PG<sup>1</sup>, Almeida, WM<sup>1</sup>, Guimarães HN<sup>2</sup>, Leite R<sup>1</sup>, Teixeira MC<sup>1</sup>, Grabe-Guimarães A<sup>1</sup>, Silva-Barcellos NM<sup>1</sup> <sup>1</sup>UFOP - Farmácia, <sup>2</sup>UFGM - Engenharia Elétrica

**06.078**

**Furosemide effects on isolated perfused rat kidney: a preliminary study.** Leite CAVG<sup>1</sup>, Alves RS<sup>2</sup>, Ximenes RM<sup>1</sup>, Jorge ARC<sup>1</sup>, Sousa DF<sup>1</sup>, Marinho AD<sup>3</sup>, Sousa PCP<sup>1</sup>, Mendonça ATB<sup>1</sup>, Daher EF<sup>4</sup>, Monteiro HSA<sup>1</sup> <sup>1</sup>UFC - Fisiologia e Farmacologia, <sup>2</sup>UFC - Análises Clínicas e Toxicológicas, <sup>3</sup>UFC - Farmácia, <sup>4</sup>UFC - Medicina Clínica

**06.079**

**Chronic treatment with spironolactone and/or hydrochlorothiazide attenuates the vascular changes in renovascular hypertension.** Ceron CS<sup>1</sup>, Castro MM<sup>1</sup>, Rizzi E<sup>1</sup>, Salgado MCO<sup>1</sup>, Gerlach RF<sup>2</sup>, Tanus-Santos JE<sup>1</sup> <sup>1</sup>FMRP-USP - Farmacologia, <sup>2</sup>FORP-USP - Morfologia

**06.080**

**Contraction induced by angiotensin II (AII) is impaired by the endothelium in aorta from epileptic rat.** Restini CA<sup>1</sup>, Reis RI<sup>2</sup>, Costa-Neto CM<sup>2</sup>, Garcia-Cairasco N<sup>3</sup>, Bendhack LM<sup>1</sup> <sup>1</sup>FCFRP-USP - Física e Química, <sup>2</sup>FMRP-USP - Bioquímica e Imunologia, <sup>3</sup>FMRP-USP - Fisiologia

**06.081**

**Vasodilatation induced by atrial natriuretic peptide (ANP) and C-type natriuretic peptide (CNP) in isolated aorta from rats.** Andrade FA<sup>1</sup>, Bendhack LM<sup>2</sup> <sup>1</sup>USP - Farmacologia, <sup>2</sup>FCFRP-USP

**06.082**

**Tratamento antioxidante com tempol e apocinina previne disfunção endotelial e desenvolvimento de hipertensão renovascular.** Costa CA<sup>1</sup>, Amaral TAS<sup>1</sup>, Carvalho LCRM de<sup>1</sup>, Ognibene DT<sup>1</sup>, Silva AFE<sup>1</sup>, Oliveira PRB<sup>1</sup>, Freitas de Bem F<sup>1</sup>, Valença SS<sup>2</sup>, Resende AC<sup>2</sup>, Soares de Moura R<sup>1</sup> <sup>1</sup>UERJ - Farmacologia e Psicobiologia, <sup>2</sup>IBRAG-UERJ - Histologia e Embriologia

**06.083**

**Papel das cavéolas sobre o relaxamento em artérias de animais obesos: diferenças entre artérias de condutância e de resistência e gêneros.** Akamine EH<sup>1</sup>, Wenceslau CF<sup>2</sup>, Fortes ZB<sup>1</sup>, Carvalho CRO<sup>2</sup>, Rossoni LV<sup>1</sup> <sup>1</sup>ICB-USP- Farmacologia, <sup>2</sup>ICB-USP- Fisiologia e Biofísica

**06.084**

**Níveis aumentados de GMPc mantêm agregação plaquetária normal em ratas grávidas espontaneamente hipertensas.** Ognibene DT, Costa CA, Moss MB, Okinga A, Matsuura C, Soares de Moura R, Brunini T, Mendes Ribeiro AC, Resende AC UERJ - Farmacologia e Psicobiologia,

**06.085**

**Metabolic and vascular reactivity changes in SHR+MSG: is that an experimental model of metabolic syndrome?** Dos Santos RA, Ceravolo GS, Oliveira MA, Tostes RCA, Fortes ZB, Carvalho MHC USP - Farmacologia

**06.086**

**Cardiotoxic effect of bothropstoxin I and II: antagonism by heparin.** Ricardo HD<sup>1</sup>, Machado MM<sup>2</sup>, Martins V<sup>1</sup>, Cons BL<sup>3</sup>, Fernandes FFA<sup>1</sup>, Strauch MA<sup>1</sup>, Cintra ACO<sup>3</sup>, Melo PA<sup>1</sup> <sup>1</sup>UFRJ - Farmacologia Básica e Clínica, <sup>2</sup>FMC/UFRJ - Farmácia/Farmacologia Básica e Clínica, <sup>3</sup>FCFRP-USP - Departamento de Análises Clínicas Toxicológicas e Bromatológicas

**06.087**

**Alterations in rat atrial rate and contractile force caused by *Bothrops jararacussu* snake venom.** Rodrigues MAP, Dias L, Smaal A, Rennó AL, da Silva DA, Hyslop SUNICAMP - Farmacologia

**06.088**

**On the mechanisms involved in the negative inotropism and chronotropic caused by *Bothrops jararacussu* snake venom in rat isolated right atria.** Rodrigues MAP, Dias L, Smaal A, Rennó AL, da Silva DA, Hyslop SUNICAMP - Farmacologia

**06.089**

**Atividade vasodilatadora de LASSBio-1020: participação da via óxido nítrico/GMPc.** Louback LS<sup>1</sup>, Lima LM<sup>1</sup>, Monge A<sup>2</sup>, Barreiro EJ<sup>1</sup>, Miranda ALP<sup>1</sup> <sup>1</sup>LASSBio-FF-UFRJ - Fármacos, <sup>2</sup>CIFA-UNAV

**06.090**

**Relationship between nitric oxide consumption and plasma hemoglobin in preeclampsia.** Palei ACT<sup>1</sup>, Sandrim VC<sup>1</sup>, Metzger IF<sup>1</sup>, Cavalli RC<sup>2</sup>, Tanus-Santos JE<sup>1</sup> <sup>1</sup>FMRP-USP - Farmacologia, <sup>2</sup>FMRP-USP - Ginecologia e Obstetrícia

## **Sessão de Painéis/Posters Session**

**06.091**

**The influence of 4-week physical training on platelet aggregation of rats.** Monteiro PF<sup>1</sup>, Prada Morganti R<sup>1</sup>, Valgas da Silva CP<sup>1</sup>, Gómez-Campos RA<sup>2</sup>, Priviero FBM<sup>1</sup>, Zanesco A<sup>2</sup>, Antunes E<sup>1</sup> <sup>1</sup>FCM-UNICAMP - Farmacologia, <sup>2</sup>UNESP - Educação Física

**06.092**

**Cardiotoxic effects induced by crotalid snake venoms.** Ricardo HD<sup>1</sup>, Strauch MA<sup>1</sup>, Machado MM<sup>2</sup>, Martins VV<sup>1</sup>, Cons, BL<sup>1</sup>, Dip EC<sup>4</sup>, Melo PA<sup>1</sup> <sup>1</sup>UFRJ - Farmacologia Básica e Clínica, <sup>2</sup>FMC/UFRJ - Farmácia/Farmacologia Básica e Clínica

**06.093**

**Estudo da atividade antiagregante plaquetária de derivados N-metilacilidrazônicos análogos ao LASSBio-785.** Fumian MM<sup>1</sup>, Kummerle AE<sup>1</sup>, Fraga CAM<sup>1</sup>, Brito FCF<sup>2</sup>, Barreiro EJ<sup>1</sup>, Miranda ALP<sup>1</sup> <sup>1</sup>FF-LASSBio-UFRJ - Fármacos, <sup>2</sup>UFRJ - Farmacologia Básica e Clínica

**06.094**

**Nitric oxide and potassium channels mediate GM1 ganglioside-induced vasorelaxation.** Furian AF<sup>1</sup>, Rattmann YD<sup>1</sup>, Oliveira MS<sup>1</sup>, Royes LF<sup>3</sup>, Marques MCA<sup>2</sup>, Santos ARS<sup>3</sup>, Mello CF<sup>1</sup> <sup>1</sup>UFSM - Fisiologia e Farmacologia, <sup>2</sup>UFPR - Farmacologia, <sup>3</sup>UFSC - Ciências Fisiológicas

**06.095**

**L-carnitine supplementation improves endothelium-dependent relaxation in mesenteric artery of exercised rats fed with hyperlipidic diet.** Priviero FBM<sup>1</sup>, Rojas-Moscoso JA<sup>1</sup>, Gómez-Campos RA<sup>2</sup>, Valgas da Silva CP<sup>1</sup>, Antunes E<sup>1</sup>, Zanesco A<sup>2</sup> <sup>1</sup>UNICAMP - Farmacologia, <sup>2</sup>UNESP - Educação Física

**06.096**

**Angiotensin II induced reactive oxygen species generation in spontaneous hypertensive rats: role of protein disulfide isomerase.** Dias AA<sup>1</sup>, Ceravolo GS<sup>1</sup>, Camargo LL<sup>1</sup>, Androwiki ACD<sup>1</sup>, Fernandes DC<sup>2</sup>, Carvalho MHC<sup>1</sup>, Laurindo FRM<sup>2</sup>, Janiszewski M<sup>1</sup>, Lopes LR<sup>1</sup> <sup>1</sup>ICB-USP Pharmacology, <sup>2</sup>InCor-HC-FMUSP - Vascular Biology

**06.097**

**Vascular relaxation induced by 3-hydroxy-4-(hydroxyimino)-2-(3-methylbut-2-enyl)naphthalen-1(4h)-one in rat superior mesenteric arteries.** Dantas BPV<sup>1</sup>, Magalhães NM<sup>1</sup>, Medeiros IA<sup>1</sup>, Câmara CA<sup>2</sup>, Alencar JL de <sup>3</sup>UFPB - Tecnologia Farmacêutica, <sup>2</sup>UEPB, <sup>3</sup>UFPB - Medicina Interna

**06.098**

**Protein disulfide isomerase inhibition reduces microvascular reactivity to Angiotensin II: Role of NADPH oxidase.** Camargo LL<sup>1</sup>, Dias AA<sup>1</sup>, Androwiki, ACD<sup>1</sup>, Chinaglia, AZ<sup>1</sup>, Ceravolo GS<sup>1</sup>, Carvalho MHC<sup>1</sup>, Fortes ZB<sup>1</sup>, Janiszewski M<sup>2</sup>, Lopes LR<sup>1</sup> <sup>1</sup>USP - Farmacologia, <sup>2</sup>IEP-Hospital Israelita Albert Einstein

**Setor 07. Endócrino e Gastrintestinal/ Endocrine and Gastrointestinal**

**07.013**

**Efeito da infecção por *Helicobacter pylori* na resposta imune de animais ulcerados por ácido acético.** Souza MC, Beserra AMSS, Silva RM, Martins DTO UFMT - Ciências Básicas em Saúde

**07.014**

**Hydrogen sulphide (H<sub>2</sub>S) accelerates gastric emptying of liquid in awake mice: role of KATP channels and TRPV1 receptors.** Bezerra VH<sup>1</sup>, Medeiros J-VR<sup>2</sup>, Soares PMG<sup>3</sup>, Lucetti LT<sup>1</sup>, Barbosa ALR<sup>2</sup>, Souza MHL<sup>1</sup>, Cunha FQ<sup>4</sup> <sup>1</sup>UFC - Fisiologia e Farmacologia, <sup>2</sup>UFC/UFPI - Fisiologia e Farmacologia/Biologia, <sup>3</sup>UFC - Morfologia, <sup>4</sup>FMRP-USP

**07.015**

**Involvement of prostaglandin in the mechanism of the gastroprotection promoted by 1,4-cineole in animal models of gastric ulcer.** Siqueira RMP<sup>1</sup>, Feitosa ML<sup>1</sup>, Gomes PB<sup>1</sup>, Venâncio ET<sup>1</sup>, Moura BA<sup>1</sup>, Rios ERV<sup>1</sup>, De Sousa DP<sup>2</sup>, Sousa FCF<sup>1</sup> <sup>1</sup>UFC - Fisiologia e Farmacologia, <sup>2</sup>UFS - Departamento de Fisiologia

**07.016**

**Spectrometry for nondestructive assessment to characterize the femur mineral contents on androgen deficient and chronic ethanol consuming rats.** Lodi KB<sup>1</sup>, Soares LES<sup>2</sup>, Santo AME<sup>2</sup>, Rocha RF da <sup>1</sup> FOSJC-UNESP - Biociências e Diagnóstico Bucal, <sup>2</sup>UNIVAP

**07.017**

**Avaliação funcional do sulfeto de hidrogênio (H<sub>2</sub>S) em camundongos.** Medeiros J-VR<sup>1</sup>, Bezerra VH<sup>2</sup>, Barbosa ALR<sup>3</sup>, Lucetti LT<sup>2</sup> Magalhães PJC<sup>2</sup>, Soares PMG<sup>4</sup>, Cunha FQ<sup>5</sup>, Souza MHL<sup>2</sup> <sup>1</sup>UFPI - Biologia, <sup>2</sup>UFC - Fisiologia e Farmacologia, <sup>3</sup>UFPI - Fisioterapia, <sup>4</sup>UFC - Morfologia, <sup>5</sup>FMRP-USP

**07.018**

**Evaluation of ileal reactivity of *mdx* (dystrophic) mice submitted to long-term moderate exercise.** Alves GA<sup>1</sup>, Rosa EF<sup>1</sup>, Aboulafia J<sup>1</sup>, Souccar C<sup>2</sup>, Nouailhetas VLA<sup>1</sup> <sup>1</sup>UNIFESP - Biofísica, <sup>2</sup>UNIFESP - Farmacologia

## *Sessão de Painéis/Posters Session*

**07.019**

**Rat gastric fundus motility is enhanced after 4 weeks of treadmill training.** Bau FR<sup>1</sup>, Priviero FBM<sup>1</sup>, Gómez-Campos RA<sup>2</sup>, Valgas da Silva CP<sup>1</sup>, Antunes E<sup>1</sup>, Zanesco A<sup>2</sup>  
<sup>1</sup>UNICAMP - Farmacologia, <sup>2</sup>UNESP - Educação Física

**Setor 08. Respiratório, Urinário e Reprodutor/Respiratory, Urinary and Reproductive**

**08.008**

**Beclomethasone action on mucociliary transport.** Gomes CS, Correia VG, Blanco EEA UEL - Ciências Fisiológicas

**08.009**

**Salbutamol action on mucociliary transport.** Correia VG, Gomes CS, Blanco EEA UEL - Ciências Fisiológicas

**08.010**

**Uso de anticoncepcionais orais entre mulheres adultas com queixas vestibulares.** Prezotto AO, Salgado RS, Paulino CA, Onishi, ET UNIBAN

**08.011**

**Differences in bradykinin receptor-mediated bleomycin-induced lethality and pulmonary fibrosis in mice.** Cordeiro BF<sup>1</sup>, Russo RC<sup>1</sup>, Garcia CC<sup>1</sup>, Tavares, LP<sup>1</sup>, Carvalho RT<sup>2</sup>, Teixeira MM<sup>1</sup> <sup>1</sup>UFMG - Bioquímica e Imunologia, <sup>2</sup>COLTEC-UFMG

**08.012**

**Peripheral modulation of ejaculatory reflex: focus on  $\alpha_1$ -adrenoceptors.** Kiguti LRA, Leonelli C, Pereira OCM, Pupo ASUNESP-Botucatu - Farmacologia

**08.013**

**L-carnitine or L-arginine supplementation associated with physical exercise prevent the low urinary tract dysfunctions in hyperlipidemic rats.** Ramos-Filho ACS<sup>1</sup>, Priviero FBM<sup>1</sup>, Gomes-Campos RA<sup>1</sup>, Rojas-Moscoso JA<sup>1</sup>, Valgas da Silva CP<sup>1</sup>, Antunes E<sup>1</sup>, Zanesco A<sup>2</sup>  
<sup>1</sup>FCM-UNICAMP - Pharmacology, <sup>2</sup>UNESP-Rio Claro - Physical Education

**08.014**

**Interferência do tratamento com álcool na viabilidade espermática de ratos wistar.** Pereira JD<sup>1</sup>, Nichi M<sup>2</sup>, Barnabe VC<sup>2</sup>, Avazoglou LU<sup>1</sup>, Souza BP<sup>1</sup>, Jurkiewicz A<sup>1</sup>, Jurkiewicz NH<sup>1</sup> <sup>1</sup>UNIFESP - Farmacologia, <sup>2</sup>USP - Reprodução animal

**Setor 09. Produtos Naturais e Toxinologia/Natural Products and Toxicology**

**09.105**

**Role of proteolytic activity and cell proliferation on gastric healing activity of latex fraction from *Carica candamarcensis*.** Silva ACA<sup>1</sup>, Lemos FO<sup>1</sup>, Viana CTR<sup>1</sup>, Figueiredo C<sup>1</sup>, Souza CM<sup>2</sup>, Cassali GD<sup>2</sup>, Salas CE<sup>3</sup>, Lopes MTP<sup>1</sup> <sup>1</sup>UFMG - Farmacologia, <sup>2</sup>UFMG - Patologia Geral, <sup>3</sup>UFMG - Bioquímica e Imunologia

**09.106**

**Inhibitory effects of *Garcinia gardineriana* and GB2A on tyrosinase activity.** Prudente AS<sup>1</sup>, Delle Monache F<sup>2</sup>, Cechinel-Filho V<sup>3</sup>, Cabrini DA<sup>1</sup>, Otuki MF<sup>4</sup> <sup>1</sup>UFPR - Farmacologia, <sup>2</sup>UIN - Farmacologia, <sup>3</sup>NIQFar-UNIVALI, <sup>4</sup>UEPG - Ciências Farmacêuticas

**09.107**

**Vasodilator effect induced by essential oil of *Lippia microphylla* Cham. in rats.** Araujo IGA<sup>1</sup>, Silva DF<sup>2</sup>, Albuquerque JGF<sup>1</sup>, Gomes MAS<sup>1</sup>, Nóbrega JV<sup>1</sup>, Dias KLG<sup>2</sup>, Cavalcante KVM<sup>1</sup>, Veras RC<sup>1</sup>, Tavares JF<sup>1</sup>, Silva MS<sup>1</sup>, Correia NA<sup>2</sup>, Medeiros IA<sup>1</sup> <sup>1</sup>LTB-UFPB, <sup>2</sup>LTB-UFPB Fisiologia e Patologia, <sup>3</sup>LTB-UFPB/Fisiologia e Patologia, <sup>4</sup>UFPB - Fisiologia e Patologia

**09.108**

**Avaliação da atividade antitumoral da fração proteolítica do látex de *Carica candamarcensis* Hook F. 1875 e a ação de leucócitos em resposta ao LPS em animais portadores do carcinoma de Ehrlich sólido.** Stehling LFO<sup>1</sup>, Viana CTR<sup>1</sup>, Braga AD<sup>1</sup>, Miranda JP<sup>1</sup>, Klein A<sup>1</sup>, Lopes MTP<sup>1</sup>, Salas CE<sup>2</sup> <sup>1</sup>ICB-UFMG - Farmacologia, <sup>2</sup>ICB-UFMG - Bioquímica e Imunologia

**09.109**

**Evaluation of the vasorelaxant effect induced by *Erythroxylum pungens* in rat superior mesenteric arteries.** Oliveira AC, Mendes-Junior L, Anjos RM, Furtado FF, Medeiros AAN, Sena Filho JG, Barbosa Filho JM, Medeiros IA UFPB - Tecnologia Farmacêutica

**09.110**

**Effect of the essential oil of *Lippia alba* and the methanolic extract of *Condalia buxifolia* in the transport of silver catfish, *Rhamdia quelen*, juveniles.** Becker AG<sup>1</sup>, Parodi TV<sup>1</sup>, Baldisserotto B<sup>1</sup>, Heinzmann BM<sup>2</sup>, Morel, A. F.<sup>3</sup>, Maldaner G<sup>3</sup>, Cunha MA<sup>1</sup>, Gomes DP<sup>1</sup> <sup>1</sup>UFSM - Fisiologia e Farmacologia, <sup>2</sup>UFSM - Farmácia Industrial, <sup>3</sup>UFSM - Química

**09.111**

**Neutralization of hemorrhagic activity induced by *Bothrops pauloensis* snake venom by *Schizolobium parahyba* extract and antivenins.** Vieira SAPB<sup>1</sup>, Lucena MN de<sup>2</sup>, Hamaguchi A<sup>1</sup>, Rodrigues V M<sup>1</sup>, Mendes MM<sup>1</sup>, Homsi-Brandeburgo MI<sup>1</sup> <sup>1</sup>UFU Genética e Bioquímica, <sup>2</sup>UFU - Biologia

## **Sessão de Painéis/Posters Session**

**09.112**

**Efeito de uma fração rica em proantocianidinas (FRP) obtida a partir das cascas da *Croton celtidifolius* sobre a aterosclerose *in vivo*.** Netto PM<sup>1</sup>, Schulz T<sup>1</sup>, Hort MA<sup>1</sup>, Horst H<sup>2</sup>, Pizzolatti MG<sup>2</sup>, Ribeiro-do-Valle RM<sup>1</sup> <sup>1</sup>UFSC - Farmacologia, <sup>2</sup>UFSC - Química

**09.113**

**Cytotoxic activity of caatinga plants: a random approach.** Melo JG<sup>1</sup>, Rodrigues MD<sup>2</sup>, Amorim ELC<sup>3</sup>, Nascimento SC<sup>2</sup>, Albuquerque UP<sup>1</sup> <sup>1</sup>UFRPE - Botânica, <sup>2</sup>UFPE - Antibióticos, <sup>3</sup>UFPE - Farmácia

**09.114**

**Isobrucein B diminish the hypernociception and neutrophil tissue infiltration induced by carrageenan.** Talbot J<sup>1</sup>, Vieira SM<sup>2</sup>, Pinto LG<sup>1</sup>, Cunha TM<sup>1</sup>, Lemos HP<sup>1</sup>, Amorim RCN<sup>3</sup>, Silva ECC<sup>3</sup>, Pohlit AM<sup>3</sup>, Cunha FQ<sup>1</sup> <sup>1</sup>FMRP-USP - Farmacologia, <sup>2</sup>FMRP-USP/INPA, <sup>3</sup>CPPN-INPA

**09.115**

**Triagem farmacológica comportamental de uma fração de alcalóides de *odontocarya Acuparata miers* em camundongos.** Nora DE<sup>1</sup>, Hofmann Junior AE<sup>2</sup> <sup>1</sup>URI - Farmácia, <sup>2</sup>URI - Ciências da Saúde

**09.116**

**The flavonoid quercetin diminishes inflammatory hypernociception in mice by preventing oxidative stress and cytokine production.** Valério DA<sup>1</sup>, Georgetti SR<sup>2</sup>, Magro DA<sup>3</sup>, Casagrande R<sup>4</sup>, Cunha TM<sup>5</sup>, Moura-de-Carvalho FT<sup>6</sup>, Vieira SM<sup>7</sup>, Fonseca MJ<sup>2</sup>, Ferreira SH<sup>5</sup>, Cunha FQ<sup>5</sup>, Verri WA, Jr<sup>8</sup> <sup>1</sup>UFTM/FMTM, <sup>2</sup>FCFRP-USP - Ciências Farmacêuticas, <sup>3</sup>USP - Farmacologia, <sup>4</sup>UEL - Ciências Farmacêuticas, <sup>5</sup>FMRP-USP - Farmacologia, <sup>6</sup>FORP-USP - MEF, <sup>7</sup>COPE-INPA, <sup>8</sup>UEL - Ciências Patológicas

**09.117**

**Efeito do tratamento com *Lithothamnion calcareum* na resposta inflamatória associada ao GVHD em camundongos.** Rezende B<sup>1</sup>, Castor MGM<sup>2</sup>, Bernardes, PTT<sup>3</sup>, Silva AFC<sup>3</sup>, Resende BC<sup>4</sup>, Vieira AT<sup>4</sup>, Arantes RME<sup>5</sup>, Teixeira MM<sup>4</sup>, Pinho V<sup>4</sup> <sup>1</sup>ICB-UFMG - Bioquímica e Imunologia/Morfologia, <sup>2</sup>UFMG - Fisiologia e Farmacologia, <sup>3</sup>ICB-UFMG - Morfologia, <sup>4</sup>ICB-UFMG - Bioquímica e Imunologia, <sup>5</sup>UFMG - Patologia Geral

**09.118**

**Investigation of the gastroprotective action mechanism and healing action of the ethanolic extract of *Maytenus obtusifolia* Mart.** Mota KSL<sup>1</sup>, Dias GEN<sup>1</sup>, Montenegro CA<sup>1</sup>, Lima GRM<sup>1</sup>, Medeiros VM<sup>1</sup>, Tavares JF<sup>1</sup>, Silva MS<sup>1</sup>, Pellizzon CH<sup>2</sup>, Hiruma-Lima CA<sup>2</sup>, Batista LM<sup>1</sup> <sup>1</sup>LTF-UFPB, <sup>2</sup>UNESP - Botucatu

**09.119**

**Effect of P1G10 pretreatment in tumor growth and metastasis.** Freitas KM<sup>1</sup>, Viana CTR<sup>1</sup>, Stehling LFO<sup>1</sup>, Gomes MT<sup>4</sup>, Salas CE<sup>2</sup>, Lopes MTP<sup>1</sup> <sup>1</sup>ICB-UFMG - Farmacologia, <sup>2</sup>UFMG - Bioquímica e Imunologia

**09.120**

***Combretum leprosum* fruit extract inhibits homeostasis alterations induced by *Bothrops* snake venom.** Fernandes FFA<sup>1</sup>, El-Kik CZ<sup>1</sup>, Facundo VA<sup>2</sup>, Melo PA<sup>1</sup> <sup>1</sup>UFRJ - Farmacologia Básica e Clínica, <sup>2</sup>UNIR - Química

**09.121**

**Involvement of K<sup>+</sup> channels on spasmolytic effect and investigation of hemolytic activity of trachylobane-360.** Martins IRR<sup>1</sup>, Santos RF<sup>2</sup>, Correia ACC<sup>3</sup>, Silva ACL<sup>2</sup>, Pessôa HLF<sup>4</sup>, Tavares JF<sup>2</sup>, Silva MS<sup>3</sup>, Silva BA<sup>3</sup> <sup>1</sup>LTF-CCS-UFPB, <sup>2</sup>LTF-UFPB - Ciências Farmacêuticas, <sup>3</sup>UFPB - Tecnologia Farmacêutica, <sup>4</sup>DBM-UFPB

**09.122**

**Investigation of the endothelium-independent vasorelaxant effect induced by *Aspidosperma tomentosum* (Apocynaceae) in rat mesenteric rings.** Furtado FF<sup>1</sup>, Menezes<sup>1</sup>, Anjos RM<sup>1</sup>, Costa CDF<sup>2</sup>, Ferreira AKB<sup>2</sup>, Herculano EA<sup>2</sup>, Aquino PGV<sup>3</sup>, Araújo-Júnior JX<sup>3</sup>, Sant'ana AEG<sup>3</sup>, Ribeiro EAN<sup>2</sup>, Medeiros IA<sup>1</sup> <sup>1</sup>LTF-UFPB, <sup>2</sup>ESENFAR-UFAL, <sup>3</sup>IQB-UFAL

**09.123**

**Ca<sup>2+</sup> and K<sup>+</sup> channels contribute to trachylobane-318-induced spasmolytic effect on guinea-pig ileum.** Santos RF, Martins IRR, Carreiro JN, Travassos RA, Oliveira GA, Tavares JF, Silva MS, Silva BA LTF-UFPB - Ciências Farmacêuticas

**09.124**

**Evaluation of the cytoprotective action mechanism and healing effect induced by phase ethyl acetate of *Maytenus obtusifolia* Mart.** Mota KSL<sup>1</sup>, Dias GEN<sup>1</sup>, Lima GRM<sup>1</sup>, Montenegro CA<sup>1</sup>, Medeiros VM<sup>1</sup>, Tavares JF<sup>1</sup>, Silva MS<sup>1</sup>, Pellizzon CH<sup>2</sup>, Hiruma-Lima CA<sup>2</sup>, Batista LM<sup>1</sup> <sup>1</sup>LTF-UFPB, <sup>2</sup>UNESP - Botucatu

**09.125**

**The essential oil of fresh leaves of *Rollinia leptopetala* R. E. Fr presents spasmolytic activity on guinea pig ileum.** Carreiro JN<sup>1</sup>, Travassos RA<sup>1</sup>, Silva ACL<sup>1</sup>, Oliveira, G.A.<sup>1</sup>, Monteiro FS<sup>1</sup>, Martins IRR<sup>1</sup>, Santos RF<sup>1</sup>, Agra MF<sup>2</sup>, Costa VCO<sup>3</sup>, Silva MS<sup>2</sup>, Silva BA<sup>2</sup> - <sup>1</sup>LTF-UFPB - Ciências Farmacêuticas

## Sessão de Painéis/Posters Session

09.126

**Ability of fucosylated chondroitin sulfate to inhibit *Bothrops jararacussu* snake venom activities.** Machado MM<sup>1</sup>, Tomaz MA<sup>1</sup>, Cons, BL<sup>1</sup>, Strauch MA<sup>1</sup>, Ricardo HD<sup>1</sup>, Borges PA<sup>1</sup>, El-Kik CZ<sup>1</sup>, Dip EC<sup>2</sup>, Mourao PAS<sup>3</sup>, Melo PA<sup>1</sup>  
<sup>1</sup>UFRJ - Farmacologia Básica e Clínica, <sup>2</sup>UFF - Odontologia, <sup>3</sup>HUCFF-UFRJ - Tecido Conjuntivo

09.127

**Antimicrobial activity of *Urtica dioica* and *Vaccinium macrocarpon* extracts.** Ribeiro ZEA<sup>1</sup>, Lodi KB<sup>1</sup>, Back-Brito GN<sup>3</sup>, Teodoro GR<sup>2</sup>, Rocha RF da<sup>3</sup>, Koga-Ito CY<sup>1</sup>  
<sup>1</sup>FOSJC-UNESP - Biociências e Diagnóstico Bucal, <sup>2</sup>UNESP-Microbiologia, <sup>3</sup>UNESP-São José dos Campos

09.128

**Evaluation of the cytotoxic and spasmolytic activities of ethyl acetate extract of aerial parts from *Solanum stramonifolium* Jacq (Solanaceae).** Macedo CL<sup>1</sup>, Correia ACC<sup>1</sup>, Monteiro FS<sup>1</sup>, Cavalcante FA<sup>2</sup>, Pessôa HLF<sup>3</sup>, Silva TMS<sup>4</sup>, Agra MF<sup>5</sup>, Silva BA<sup>5</sup> - <sup>1</sup>LTF-UFPB, <sup>2</sup>ICBS-UFAL, <sup>3</sup>DBM-UFPB, <sup>4</sup>DQ-UFRPE, <sup>5</sup>DCF-LTF-UFPB

09.129

**Atividade gastroprotetora do extrato bruto hidroalcoólico da *Achillea millefolium* L.: envolvimento de sistemas antioxidantes.** Potrich BP<sup>1</sup>, Allemand A<sup>1</sup>, Mota L<sup>1</sup>, Freitas CS<sup>1</sup>, Baggio CH<sup>1</sup>, Andre E<sup>2</sup>, Werner MFP<sup>3</sup>, Marques MCA<sup>1</sup> <sup>1</sup>UFPR - Farmacologia, <sup>2</sup>University of Ferrara - Experimental and Clinical Medicine, <sup>3</sup>UFSC - Farmacologia

09.130

**Lack of effect of mangiferin on dexamethasone-induced insulin resistance in rats.** Vieira AB, Carvalho VF, Silva PMR, Cordeiro RSB, Martins MA <sup>1</sup>IOC-FIOCRUZ - Fisiologia e Farmacodinâmica

09.131

**Avaliação da atividade inibitória do óleo essencial da sálvia (*Salvia officinalis* L.) sobre a sobre a quimiotaxia de leucócitos *in vivo*.** Fonseca JP, Farinha TO, Anteguera AAC, Nogueira de Melo GA, Miranda CR, Caparroz-Assef SM, Bersani-Amado CA, Cuman RKN UEM - Farmácia e Farmacologia

09.132

**Ability of heparin to antagonize the cardiotoxic effect of the *Bothrops asper* venom.** Ricardo HD<sup>1</sup>, Machado MM<sup>2</sup>, Martins V<sup>1</sup>, Cons, BL<sup>1</sup>, Strauch MA<sup>1</sup>, Gutiérrez JM<sup>3</sup>, Lomonte B<sup>3</sup>, Melo PA<sup>1</sup> <sup>1</sup>UFRJ - Farmacologia Básica e Clínica, <sup>2</sup>FMC/UFRJ - Farmácia/Farmacologia Básica e Clínica, <sup>3</sup>ICP-UCR

09.133

**Evaluation of effects induced by *Pradosia huberi* ethanolic extract on blood pressure and heart rate in rats.** Medeiros AAN<sup>1</sup>, Medeiros FA<sup>1</sup>, Queiroz TM<sup>2</sup>, Oliveira AC<sup>2</sup>, Medeiros IA<sup>2</sup> <sup>1</sup>DF-IEPA, <sup>2</sup>LTF-UFPB

09.134

**A proteolytic fraction from the latex of *Carica candamarcensis* exhibits thrombotic activity and effects on haemostatic patterns *in vitro*.** Bilheiro RP<sup>1</sup>, Gomes MT<sup>2</sup>, Rodrigues KCL<sup>2</sup>, Salas CE<sup>2</sup>, Carvalho, MG<sup>3</sup>, Sanchez E<sup>4</sup>, Lopes MTP<sup>1</sup> <sup>1</sup>UFMG - Farmacologia, <sup>2</sup>UFMG - Bioquímica e Imunologia, <sup>3</sup>UFMG - Análises Clínicas e Toxicológicas, <sup>4</sup>FUNED

09.135

**Genotoxic effects of *Bothrops alternatus* and *Bothrops neuwiedi* venom in mice by micronucleus test.** Zobiole NN<sup>1</sup>, Pereira CAS<sup>1</sup>, Okubo, BM<sup>2</sup>, Ricci-Azevedo R<sup>3</sup>, Schiaveto de Souza A<sup>4</sup>, Moreno SE<sup>5</sup> <sup>1</sup>UCDB - Biotecnologia, <sup>2</sup>UCDB - Biologia, <sup>3</sup>UCDB - Biologia, <sup>4</sup>FMRP-USP - Fisiologia, <sup>5</sup>FMRP-USP - Farmacologia

09.136

**Evaluation of the antiophidic activity of the extract of an Amazon plant named *Humirianthera ampla* and some isolated compounds (lupeol and sitosterol).** Strauch MA<sup>1</sup>, Azevedo MS<sup>2</sup>, Ricardo HD<sup>1</sup>, Cons BL<sup>1</sup>, Fernandes FFA<sup>1</sup>, Tomaz MA<sup>1</sup>, El-Kik CZ<sup>1</sup>, Machado MM<sup>3</sup>, Martins VV<sup>1</sup>, Melo PA<sup>1</sup> <sup>1</sup>UFRJ - Farmacologia Básica e Clínica, <sup>2</sup>UNIR - Química, <sup>3</sup>FMC/UFRJ - Farmácia/Departamento de Farmacologia Básica e Clínica

09.137

**Atividade do extrato bruto de *Arrabidaea chica verlot* em modelos experimentais de inflamação.** Jorge MP<sup>1</sup>, Souza IMO<sup>2</sup>, Jankowsky L<sup>1</sup>, Marchetti GM<sup>1</sup>, Ruiz ALTG<sup>1</sup>, Tinti SV<sup>1</sup>, Magalhães PM<sup>3</sup>, Rodrigues RAF<sup>2</sup>, Foglio M<sup>2</sup>, Carvalho JE<sup>1</sup> <sup>1</sup>CPQBA-UNICAMP - Farmacologia, <sup>2</sup>CPQBA-UNICAMP - Fitoquímica, <sup>3</sup>CPQBA-UNICAMP-Agrotecnologia

09.138

**Avaliação das atividades gastroprotetora e antioxidante do extrato etanólico de *Encholirium spectabile* Mart. em modelos de úlceras por etanol/HCl e etanol.** Carvalho KIM<sup>1</sup>, Machado FDF<sup>1</sup>, Fernandes HB<sup>1</sup>, Passos FFB<sup>1</sup>, Silva FV<sup>1</sup>, Oliveira RCM<sup>2</sup>, Lima JT<sup>3</sup>, Almeida JRGS<sup>3</sup> <sup>1</sup>UFPI - Pesquisa em Plantas Medicinais/CCS, <sup>2</sup>NPPM-CCS-UFPI - Biofísica e Fisiologia, <sup>3</sup>UNIVASF - Medicina

09.139

**Avaliação da participação do óxido nítrico na atividade gastroprotetora de *Neoglaziovia variegata* Mez. em modelo animal.** Machado FDF<sup>1</sup>, Carvalho KIM<sup>1</sup>, Fernandes HB<sup>1</sup>, Passos FFB<sup>1</sup>, Alves AAR<sup>1</sup>, Oliveira RCM<sup>2</sup>, Almeida JRGS<sup>3</sup>, Lima JT<sup>3</sup> <sup>1</sup>NPPM-CCS-UFPI, <sup>2</sup>NPPM-CCS-UFPI - Biofísica e Fisiologia, <sup>3</sup>UNIVASF - Medicina

## *Sessão de Painéis/Posters Session*

**09.140**

**Histological and *in vivo* effect of capsaicin and local anesthetic agent on the tongue edema induced by *Dieffenbachia picta* Schott in mice.** Dip EC<sup>1</sup>, Pereira NA<sup>2</sup>, Borges PA<sup>2</sup>, Fernandes FFA<sup>2</sup>, Ricardo HD<sup>2</sup>, Strauch MA<sup>2</sup>, Machado MM<sup>2</sup>, Tomaz MA<sup>2</sup>, Martinez AMB<sup>3</sup>, Melo PA<sup>2</sup> <sup>1</sup>FOUFF - Ciências Básicas, <sup>2</sup>ICB-UFRJ - Farmacologia Básica e Clínica, ICB, <sup>3</sup>UFRJ - Embriologia e Histologia

**09.141**

**Avaliação anti-inflamatória tópica de compostos pró-cicatrizantes.** Batista SD, Salomão ACS, Riveros BS, Otuki MF, Cabrini DA UFPR - Farmacologia

**09.142**

**Evaluation of toxicity of DPT vaccines and its correlation with the bacterial endotoxin levels.** Fingola FF, Albertino SRG, Domingos R, Zamith HPS INCQS/FIOCRUZ - Farmacologia e Toxicologia

**09.143**

**Development of *in vitro* methodology for the assessment of sensitization phenomenon to histamine induced by pertussis toxin and pertussis vaccine *in vivo*.** Miller RA<sup>1</sup>, Domingos, R<sup>1</sup>, Corrado AP<sup>2</sup>, Zamith HPS<sup>1</sup> <sup>1</sup>INCQS/FIOCRUZ - Farmacologia e Toxicologia, <sup>2</sup>FMRP-USP - Farmacologia

**09.144**

**Estudo da miotoxicidade do veneno de *Bothrops jararacusu* em camundongos diabéticos: tratamento com heparina.** Borges PA<sup>1</sup>, Machado MM<sup>2</sup>, Fonseca TF<sup>2</sup>, Gaban GA<sup>2</sup>, Tomaz MA<sup>2</sup>, Calil-Elias S<sup>1</sup>, Martinez AMB<sup>4</sup>, Melo PA<sup>2</sup> <sup>1</sup>FF-UFF - Farmácia e Administração Farmacêutica, <sup>2</sup>ICB-UFRJ - Farmacologia Básica e Clínica <sup>3</sup>UFRJ - Farmacologia Básica e Clínica, <sup>4</sup>UFRJ - Embriologia e Histologia

**09.145**

**Potassium channel activation is involved in the negative inotropic effect of aqueous fraction of the *Plectranthus amboinicus* (Lour.) spreng in guinea pig left atrium.** Rodrigues de Oliveira V<sup>1</sup>, Gondim ANS<sup>2</sup>, Brandão WB<sup>3</sup>, Silva BA<sup>3</sup>, Conde-Garcia, EA<sup>1</sup> - <sup>1</sup>UFS - Fisiologia, <sup>2</sup>UNEB - Educação, <sup>3</sup>LTF-UFPB - Ciências Farmacêuticas

**09.146**

**Avaliação da atividade antimicrobiana de folhas de pata de vaca adquiridas no mercado Municipal de Campo Grande, MS.** Maldonado KS<sup>1</sup>, Garcia DCB<sup>1</sup>, Gimenes AHG<sup>1</sup>, Schwab L<sup>1</sup>, Tomazoni E<sup>1</sup>, OLIVEIRA EJT<sup>1</sup>, Mariano YY<sup>1</sup>, Araújo BS<sup>1</sup>, Negrete CL<sup>1</sup>, Oliveira RF<sup>2</sup>, Yano M<sup>2</sup> <sup>1</sup>UCDB - Farmácia, <sup>2</sup>UCDB - Biotecnologia

**09.147**

**Influence of chronic intake of passion fruit bark flour in biochemical parameters in type II diabetic patients.** Braga A<sup>1</sup>, Araujo, BV<sup>2</sup> <sup>1</sup>URI - Acadêmica, <sup>2</sup>URI - Ciências da Saúde

**09.148**

**Studies on antidiarrhoeal activity of the roots from *Solanum paludosum* Moric. in mice.** Silva ADS<sup>1</sup>, Silva PCB<sup>2</sup>, Lima LO<sup>1</sup>, Vasconcelos MA<sup>1</sup>, Silva KM<sup>1</sup>, Macedo CL<sup>3</sup>, Silva TMS<sup>4</sup>, Cavalcante FA<sup>1</sup> <sup>1</sup>ICBS-UFAL, <sup>2</sup>FANUT-UFAL, <sup>3</sup>LTF-UFPB, <sup>4</sup>DQ-UFRPE

**09.149**

**Study of the therapeutic effects of copaíba oils (*Copaifera sp*) in patients with knee inflammation disorders.** Oliveira ED de, Moura TO, Almeida GKM, Souza VTC, Cruz KML UFS - Fisioterapia

**09.150**

**Involvement of K<sup>+</sup> channels on tocolytic effect and investigation of hemolytic activity of labdane-302.** Travassos RA<sup>1</sup>, Macedo CL<sup>1</sup>, Correia ACC<sup>1</sup>, Pessôa HLF<sup>2</sup>, Tavares JF<sup>1</sup> Silva MS<sup>1</sup>, Silva BA<sup>1</sup> <sup>1</sup>LTF-DCF-CCS-UFPB, <sup>2</sup>DBM-UFPB

**09.151**

**Efeito do extrato etanólico da *Chamomilla recutita* (L) Rauschert sobre a contração atrial de cobaia.** Oliveira ED de, Oliveira, LR, Ubirajara WM, Souza JB UFS - Fisioterapia

**09.152**

**Possíveis efeitos ansiolítico e antidepressivo do extrato bruto de *Achillea millefolium* L.** Baretta IP<sup>1</sup>, Felisardo RA<sup>2</sup>, Bimbato, VF<sup>2</sup>, Gasparotto Junior A<sup>3</sup>, Andreatini R<sup>4</sup> <sup>1</sup>UNIPAR/UFPR - ICBMS, <sup>2</sup>UNIPAR - Farmácia, <sup>3</sup>UNIPAR/UFPR - Farmacologia, <sup>4</sup>UFPR - Farmacologia

**09.153**

**Investigação da inviabilidade de cepas patogênicas humanas pelo extrato etanólico de galhos de *Mamica* obtidos no mercado municipal de Campo Grande-MS.** Sarate SO<sup>1</sup>, Gimenes AHG<sup>2</sup>, Schwab L<sup>2</sup>, Negrete CL<sup>2</sup>, Tomazoni E<sup>2</sup>, Yano M<sup>3</sup>, Oliveira RF<sup>4</sup> <sup>1</sup>UCDB - Ciências Biológicas e Saúde, <sup>2</sup>UCDB - Farmácia, <sup>3</sup>UCDB, <sup>4</sup>UCDB - Biotecnologia

**09.154**

**Verificação do efeito antimicrobiano do extrato etanólico de galhos de *Suma* comercializados no Mercado Municipal de Campo Grande, MS (Mercadão).** Sarate SO<sup>1</sup>, Gimenes AHG<sup>2</sup>, Negrete CL<sup>3</sup>, Schwab L<sup>2</sup>, Yano M<sup>4</sup> <sup>1</sup>UCDB - Ciências Biológicas e Saúde, <sup>2</sup>UCDB - Farmácia, <sup>3</sup>Curso de Farmácia, UCDB - Saúde, <sup>4</sup>UCDB

## Sessão de Painéis/Posters Session

**09.155**

**Avaliação do efeito agudo do extrato hexânico de *Siparuna guianensis* (negramina) sobre o comportamento de ratos da linhagem Wistar.** Barros WM<sup>1</sup>, Vanzeler MLA<sup>2</sup>, Molina CV<sup>3</sup>, Da Silva LE<sup>1</sup>, Valentini CMA<sup>4</sup> <sup>1</sup>UFMT - Química, <sup>2</sup>UFMT, <sup>3</sup>UNIVAG - Farmácia, <sup>4</sup>FAMEV-UFMT - Agricultura Tropical

**09.156**

**Effect of treatment with a proteolytic fraction from the latex of *Carica candamarcensis* Hook. F. 1875 in the immunohematopoietic response of mice with or without Ehrlich ascites carcinoma.** Viana CTR<sup>1</sup>, Stehling LFO<sup>1</sup>, Dittz D<sup>1</sup>, Silva ACA<sup>1</sup>, Figueiredo C<sup>1</sup>, Villalba MIC<sup>1</sup>, Salas CE<sup>2</sup>, Lopes MTP<sup>1</sup> - <sup>1</sup>UFMG - Farmacologia, <sup>2</sup>UFMG - Bioquímica e Imunologia

**09.157**

**Estudo do mecanismo da ação antinociceptiva dos extratos de *Eugenia brasiliensis* E *Eugenia beaurepaireana* no modelo da formalina em camundongos.** Beirith A<sup>1</sup>, Cabrini DA<sup>2</sup>, Otuki MF<sup>2</sup>, Pizzollatti MG<sup>4</sup>, Brighente IMC<sup>3</sup>, Arruda F<sup>4</sup>, Magina MDA<sup>4</sup> <sup>1</sup>FURB - Ciências Naturais, <sup>2</sup>UFPR - Farmacologia, <sup>3</sup>UFSC - Química, <sup>4</sup>FURB - Ciências Farmacêuticas

**09.158**

**Antitumor activity of a sulfated polysaccharide rich fraction from *Passiflora edulis*.** Lacerda KOA<sup>1</sup>, Figueiredo IST<sup>1</sup>, Cavalcante IJM<sup>1</sup>, da Silva DC<sup>2</sup>, Freitas ALP<sup>2</sup>, Alencar NMN de<sup>1</sup>, Moraes MO<sup>1</sup>, Pessoa C<sup>1</sup>, Costa-Lotufo LV<sup>1</sup> <sup>1</sup>UFC - Fisiologia e Farmacologia, <sup>2</sup>UFC - Bioquímica

**Setor 10. Câncer e Proliferação Celular/Cancer and Cell Proliferation**

**10.013**

**Antineoplastic activity of *Agaricus brasiliensis* in Walker-256 tumor-bearing rats.** Bastos-Pereira AL<sup>1</sup>, Jumes FMD<sup>1</sup>, Lugarini D<sup>1</sup>, Ávila TV<sup>1</sup>, Christoff AO<sup>1</sup>, Colauto, NB<sup>2</sup>, Acco A<sup>1</sup> <sup>1</sup>UFPR - Farmacologia, <sup>2</sup>Unipar - Agronomia

**10.014**

**Uso de painel de células tumorais humanas para triagem de frações ativas de *Psidium guajava* L. (nome popular: goiaba).** Rizzo, LY<sup>1</sup>, Ruiz AL<sup>2</sup>, Tinti SV<sup>3</sup>, Longato GB<sup>4</sup>, Foglio M<sup>5</sup>, Carvalho JE<sup>3</sup> <sup>1</sup>CPQBA-UNICAMP - Farmacologia e Toxicologia, <sup>2</sup>CPQBA-UNICAMP - Farmacologia, <sup>3</sup>CPQBA-UNICAMP, <sup>4</sup>UNICAMP - Biologia, <sup>5</sup>CPQBA - Fitoquímica

**10.015**

**Investigação das propriedades antitumorais do elatol obtido da alga vermelha *Laurência microcladia*.** Campos A<sup>1</sup>, Siqueira Jr JM<sup>1</sup>, Souza CB<sup>1</sup>, Lhullier C<sup>2</sup>, Schenkel EP<sup>2</sup>, Ribeiro-do-Valle RM<sup>1</sup> <sup>1</sup>UFSC - Farmacologia, <sup>2</sup>UFSC - Ciências Farmacêuticas

**10.016**

**Influência de (R)- E (S)- goniotalamina na atividade estrogênica sobre a linhagem tumoral humana de mama MCF-7.** Vendramini Costa DB<sup>1</sup>, Ruiz ALTG<sup>1</sup>, Marquissolo C<sup>3</sup>, Pilli RA<sup>3</sup>, Carvalho JE<sup>1</sup> <sup>1</sup>CPQBA-UNICAMP - Farmacologia e Toxicologia, <sup>2</sup>UNICAMP - Química, <sup>3</sup>UNICAMP - Química Orgânica

**10.017**

**Antiproliferative activity of fractions obtained from *Calea pinnatifida* dichloromethane extract.** Marchetti GM<sup>1</sup>, Silva KA<sup>2</sup>, Ruiz AL<sup>1</sup>, Foglio M<sup>2</sup>, Carvalho JE<sup>1</sup> <sup>1</sup>CPQBA-UNICAMP - Farmacologia, <sup>2</sup>CPQBA-UNICAMP - Fitoquímica

**10.018**

**In vitro study of the TK3 activity on tumor cell lines.** Pott Jr. H<sup>1</sup>, Prestes JC<sup>2</sup>, Degasperi GR<sup>3</sup>, Linarelli MCB<sup>1</sup> <sup>1</sup>PUCCamp - Medicina, <sup>2</sup>HC-UNICAMP - Oncologia, <sup>3</sup>UNICAMP - Medicina Experimental

**10.019**

**Murine melanoma progression: contribution of the kinin receptor B1.** Dillenburg-Pilla P, Reis RI, Maria AG, Costa-Neto CM FMRP- USP - Bioquímica e Imunologia

**Setor 11. Farmacologia Clínica, Farmacocinética, Farmacogenômica e Toxicologia Pré-Clínica/ Clinical Pharmacology, Pharmacokinetics, Pharmacogenomics and Preclinical Toxicology**

**11.031**

**Randomized study comparing the effectiveness of two commercial loratadine plus pseudoephedrine preparations in patients with allergic rhinitis.** Juliato EG<sup>1</sup>, Vilugron HDN<sup>2</sup>, Silva LACV<sup>3</sup>, Ferreira T<sup>4</sup>, Bortolassi L<sup>5</sup> - <sup>1</sup>LAL.Clínica- Pesquisa e Desenvolvimento Ltda.

**11.032**

**Genotoxicity and citotoxicity of selenium compounds in human leucocytes *in vitro*.** Meinerz DF<sup>1</sup>, Rocha JBT<sup>2</sup>, Pereira RP<sup>1</sup>, Sudati JH<sup>3</sup>, Santos DB<sup>1</sup>, Barbosa NBV<sup>1</sup> UFSM - Química

**11.033**

**Genotoxicity and mutagenicity of a new telluroamino acid derivative of aspartic acid in mice after chronic exposure.** Meinerz DF, Rocha JBT, Pereira RP, Sudati JH, Soares LC, Alberto EE, Braga AL, Santos DB, Barbosa NBV UFSM - Química

**11.034**

**Avaliação da citotoxicidade do *Ocimum gratissimum* (Og) e de seu constituinte, o ácido rosmariníco, em cultura de esplenócitos e medula óssea de camundongos Balb/c normais.** Figueirêdo CAV, Costa RS, Alcântara-Neves NM, Lima ATC, Velozo ES ICS-UFBA - Imunologia

## **Sessão de Painéis/Posters Session**

**11.035**

**Plasmodium Berghei infection depresses liver monooxygenase activities and slows the clearance of diazepam and praziquantel in the mouse.** De Carvalho RR, Hyssa JT, Gotardo MA, Oliveira ACAX de, Paumgartten FJR FIOCRUZ - Ciências Biológicas

**11.036**

**Disposition of the enantiomers of mefloquine and its achiral metabolite carboxymefloquine in rats.** Magalhães IRS, Aguiar FA, Fonseca P, Jabor VAP, Bonato PS FCFRP-USP - Física e Química

**11.037**

**Postnatal development of the offspring of rats treated with meglumine antimoniate during pregnancy and lactation.** Coelho DR, De Carvalho RR, Paumgartten FJR FIOCRUZ - Ciências Biológicas

**11.038**

**Avaliação das interações medicamentosas em prescrições a pacientes hipertensos atendidos em Centro Médico da Região de Ribeirão Preto.** Santos JC, Restini CA <sup>1</sup>UNAERP - Ciências Farmacêuticas, <sup>2</sup>USP - Física e Química

**11.039**

**Influence of fludarabine on oral busulfan pharmacokinetics during conditioning therapy for hematopoietic stem cell transplantation.** Castro FA, Lanchote VL, Voltarelli JC, Simões BP FMRP-USP - Clínica Médica, <sup>2</sup>FCFRP-USP

**11.040**

**Disposition of β-artemether and its main metabolite dihydroartemisinin in rats.** Magalhães IRS, Vercesi JA, Aguiar FA, Jabor VAP, Bonato OS FCFRP-USP - Física e Química

**11.041**

**Development and validation of bioanalytical HPLC method to the determination of ipriflavone in rat plasma.** Albuquerque K<sup>1</sup>, Almeida TM<sup>2</sup>, Sales GS<sup>2</sup>, Mosqueira VCF<sup>3</sup>, Kano EK<sup>3</sup>, Souza J<sup>3</sup>, Grabe-Guimarães A<sup>3</sup>, <sup>1</sup>CIPHARMA-UFOP, <sup>2</sup>EFAR-UFOP, <sup>3</sup>UFOP - Farmácia

**11.042**

**ENOs haplotypes affect the responsiveness to antihypertensive therapy in preeclampsia.** Izidoro-Toledo TC<sup>1</sup>, Sandrim VC<sup>2</sup>, Palei ACT<sup>3</sup>, Luizon MR<sup>1</sup>, Cavalli RC<sup>4</sup>, Tanus-Santos JE<sup>1</sup>, <sup>1</sup>FMRP-USP - Farmacologia, <sup>2</sup>Santa Casa de Belo Horizonte, <sup>3</sup>FCM-UNICAMP - Farmacologia, <sup>4</sup>FMRP-USP - Ginecologia e Obstetrícia

**11.043**

**Different circulating metalloproteinases profiles in migraine with and without aura.** Oliveira AM<sup>1</sup>, Speciali, JG<sup>2</sup>, Dach, F<sup>2</sup>, Marcaccini AM<sup>3</sup>, Gonçalves FM<sup>4</sup>, Gerlach RF<sup>3</sup>, Tanus-Santos JE<sup>1</sup>, <sup>1</sup>FMRP-USP - Farmacologia, <sup>2</sup>FMRP - Neurologia, <sup>3</sup>FORP-USP - Morfologia, <sup>4</sup>UNICAMP - Farmacologia,

**11.044**

**Endothelial dysfunction and imbalance of angiogenic factors in patients with metabolic syndrome.** Gomes VA<sup>1</sup>, Sandrim VC<sup>2</sup>, Palei ACT<sup>2</sup>, Gonçalves FM<sup>3</sup>, Casella-Filho A<sup>4</sup>, Chagas AC<sup>4</sup>, Tanus-Santos JE<sup>2</sup>, <sup>1</sup>FCM-UNICAMP, <sup>2</sup>FMRP-USP - Farmacologia, <sup>3</sup>UNICAMP - Farmacologia, <sup>4</sup>InCoR-FMUSP