



# MELHORES PAINÉIS 2012

## 01. Cellular and Molecular Pharmacology

*Eliete da Silva Rodrigues*

**01.024 Evidence for the interaction between the ASP301 B1 receptor's residue and the ARG1 DES-ARG9-bradykinin peptide.** Rodrigues ES, Martin RP, Silva RF, Oliveira L, Shimuta SI Unifesp – Biofísica

*Camilla Moreira Ribeiro*

**01.048 Ontogeny of the SPAG11C expression in male rat: could it be involved in Wolffian duct morphogenesis?** Ribeiro CM, Queiróz DBC, Silva EJR, Denadai-Souza A, Avellar MCW Unifesp – Endocrinologia Experimental, São Paulo, Brazil

## 02. Neuropharmacology

*Sandro Wopereis*

**02.033 Repeated caffeine administration by oral or intraperitoneal routes prevents working memory deficits in the intranasal MPTP rat model of Parkinson's disease.** Wopereis S<sup>1</sup>, Rial D<sup>1</sup>, Moreira ELG<sup>2</sup>, Bertoglio LJ<sup>1</sup>, Prediger RD<sup>1</sup>  
<sup>1</sup>UFSC – Farmacologia, <sup>2</sup>UFSC – Neurociências

*Angélica Pupin Schiavon*

**02.035 Effects of cannabidiol on hippocampal neurodegeneration and neurogenesis after transient, global cerebral ischemia in mice.** Schiavon AP<sup>1</sup>, Soares LM<sup>1</sup>, Milani H<sup>1</sup>, Guimarães FS<sup>2</sup>, Oliveira RMMW<sup>1</sup> <sup>1</sup>UEM – Farmacologia e Terapêutica, <sup>2</sup>FMRP-USP – Farmacologia

## 03. Psychopharmacology

*Ana Flávia Santos Almeida*

**03.015 Facilitation of 2-araquidonoilglicerol (2AG) signaling in the dorsolateral periaqueductal gray in rats induced anxiolytic-like effects.** Almeida-Santos AF, Gobira PH, Moreira FA, Aguiar DC UFMG – Pharmacology

## 04. Inflammation

*Pedro Elias Marques Pereira Silva*

**04.012 Chemokines and mitochondrial products activate neutrophils to amplify organ injury during mouse acute liver failure.** Marques PE<sup>1</sup>, Amaral SS<sup>1</sup>, Pires DA<sup>1</sup>, Nogueira LL<sup>1</sup>, Oliveira AG<sup>1</sup>, Soriani FM<sup>2</sup>, Teixeira MM<sup>3</sup>, Menezes GB<sup>1</sup> <sup>1</sup>UFMG – Morfologia, <sup>2</sup>UFMG – Genética, <sup>3</sup>UFMG – Bioquímica e Imunologia

*Luciana Gomes Fialho*

**04.061 *Marcgraviaceae*-originated compounds reduce DENV-2 *in vitro* infection and MIF production in a human hepatocyte cell line (HUH-7).** Fialho LG<sup>1</sup>, Lima Júnior RS<sup>1</sup>, da Silva VP<sup>2</sup>, Torrentes-Carvalho A<sup>1</sup>, Mello C<sup>1</sup>, Corrêa G<sup>1</sup>, Figueiredo MR<sup>2</sup>, Kubelka CF<sup>1</sup> <sup>1</sup>IOC-Fiocruz, <sup>2</sup>ITF-Fiocruz



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### 05. Pain and Nociception

*Ana Carla Zarpelon*

**05.026 Quercetin inhibits zymosan-induced articular inflammation in mice: Inhibition of oxidative stress and cytokines production.** Zarpelon AC<sup>1</sup>, Guazelli CF<sup>1</sup>, Staurengo-Ferrari L<sup>1</sup>, Casagrande R<sup>2</sup>, Verri Jr WA<sup>1</sup> <sup>1</sup>UEL – Ciências Patológicas, <sup>2</sup>UEL – Ciências Farmacêuticas

*Eduardo Souza Silva*

**05.063 The blockade of spinal cord receptor Y1 reversed the hyponociception caused by H1 Agonist but not trypsin in the rat knee-joint.** Souza-Silva E, Stein TS, Tonussi CR UFSC – Farmacologia

### 06. Cardiovascular and Renal Pharmacology

*Nadia Alice Vieira da Motta*

**06.030 Cyclic nucleotide modulators reduce vasoconstrictor, oxidative and inflammatory profile in Wistar rats fed hypercholesterolaemic diet.** Motta NAV<sup>1</sup>, Fumian MM<sup>1</sup>, Castro J<sup>1</sup>, Miranda ALP<sup>2</sup>, Kümmerle AE<sup>3</sup>, Barreiro EJ<sup>2</sup>, Brito FCF<sup>1</sup> <sup>1</sup>UFF – Farmacologia Experimental, <sup>2</sup>UFRJ – Avaliação e Síntese de Substâncias Bioativas, <sup>3</sup>UFRRJ – Química

*Sandra Crestani*

**06.032 High salt intake increases the activity of the RhoA/RHO-kinase pathway in rat aorta and small mesenteric arteries.** Crestani S<sup>1</sup>, Marques MCA<sup>1</sup>, Webb RC<sup>2</sup>, Da Silva-Santos JE<sup>3</sup> <sup>1</sup>UFPR – Farmacologia, <sup>2</sup>GHSU – Physiology, <sup>3</sup>UFSC – Farmacologia

### 08. Respiratory, Urinary and Reproductive

*Luiz Osório Silveira Leiria*

**08.007 Impairment of insulin-induced PI3-KINASE/AKT/ENOS pathway in urothelium as a cause of obesity-associated detrusor overactivity.** Leiria LOS, Sollon C, Kinote A, Bau FR, Mônica FZT, Anhê GF, Antunes E Unicamp – Farmacologia

### 09. Natural Products and Toxinology

*Cristiane Aguiar da Costa*

**09.021 *Euterpe oleracea* Mart. (açai) extract prevents endothelial dysfunction, oxidative stress, vascular and renal changes in 2 kidneys, 1 clip renovascular hypertension.** Costa CA<sup>1</sup>, Carvalho LCRM<sup>1</sup>, Emiliano da Silva AF<sup>1</sup>, de Bem GF<sup>1</sup>, Oliveira PRB<sup>1</sup>, Valença SS<sup>2</sup>, Pires KMP<sup>2</sup>, Ognibene DT<sup>3</sup>, Resende AC<sup>1</sup>, Soares de Moura R<sup>1</sup> <sup>1</sup>UERJ – Farmacologia e psicobiologia, <sup>2</sup>UFRJ – Farmacologia, <sup>3</sup>UEZO

*Rangel Leal Silva*

**09.048 Isobrucein B, a quassinoid from *Picrolemma sprucei* Hook. f., reduces the release of proinflammatory cytokines and nitric oxide from mouse macrophages: Possible effect by inhibition of NF-kB activation.** Silva RL<sup>1</sup>,



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França RFO<sup>1</sup>, Lopes AH<sup>1</sup>, Vieira SM<sup>2</sup>, Amorim RCN<sup>3</sup>, Cunha FQ<sup>1</sup>, Pohlit AM<sup>3</sup>, Cunha TM<sup>1</sup>  
<sup>1</sup>FMRP-USP – Pharmacology, <sup>2</sup>INPA – Health Sciences, <sup>3</sup>INPA – Natural Products

### 10. Cancer and Cell Proliferation

*Jose Delano Barreto Marinho Filho*

**10.010 Targeting the stress response as a selective mechanism to kill cancer cells.** Marinho-Filho JDB<sup>1</sup>, Araújo AJ<sup>1</sup>, Pessoa C<sup>1</sup>, Costa MP<sup>1</sup>, Diniz JC<sup>2</sup>, Viana FA<sup>2</sup>, Pessoa OLP<sup>3</sup>, Silveira ER<sup>3</sup>, Moraes MO<sup>3</sup>, Costa-Lotufo LV<sup>1</sup> <sup>1</sup>UFC – Fisiologia e Farmacologia, <sup>2</sup>UERN – Química, <sup>3</sup>UFC – Química Orgânica e Inorgânica

### 11. Clinical Pharmacology, Pharmacokinetics, Pharmacogenomics and Preclinical Toxicology

*Emerson Luiz Botelho Lourenço*

**11.007 Toxicity of *Tropaeolum majus* L. in critical periods of pregnancy in Wistar rats.** Lourenço ELB<sup>1</sup>, Muller JC<sup>2</sup>, Boareto AC<sup>2</sup>, Gomes C<sup>2</sup>, Lourenço AC, Minatovicz B<sup>2</sup>, Gasparotto Junior A<sup>3</sup>, Martino-Andrade AJ<sup>4</sup>, Dalsenter PR<sup>2</sup> <sup>1</sup>Unipar/UFPR – Farmácia/Farmacologia, <sup>2</sup>UFPR – Farmacologia, <sup>3</sup>Unipar – Ciência Animal, <sup>4</sup>UFPR – Fisiologia