



# MELHORES PAINÉIS 2014

## 01. Cellular and Molecular Pharmacology

*Camila André Pereira*

**01.029** *Chronic treatment with fluoxetine modulates vascular sympathetic responses by mechanisms that involve inhibition of norepinephrine synthesis/reuptake and increased nitric oxide generation.* Pereira CA<sup>1</sup>, Ruginsk SG<sup>2</sup>, Mestriner FLAC<sup>1</sup>, Antunes-Rodrigues J<sup>2</sup>, Resstel LB<sup>1</sup>, Tostes RC<sup>1</sup> <sup>1</sup>FMRP-USP – Farmacologia, <sup>2</sup>FMRP-USP – Fisiologia

*Alexandre Hashimoto Pereira Lopes*

**01.030** *The role of TLRs and NLRs in carrageenan-induced TNF $\alpha$  and IL-1 $\beta$  production by macrophage.* Lopes AHP<sup>1</sup>, Silva RL<sup>1</sup>, Talbot J<sup>1</sup>, Cunha FQ<sup>1</sup>, Zamboni DS<sup>2</sup>, Couillin I<sup>3</sup>, Ryffel R<sup>3</sup>, Cunha TM<sup>1</sup> <sup>1</sup>FMRP-USP – Farmacologia, <sup>2</sup>FMRP-USP – Biocel, <sup>3</sup>CNRS – Immunologie et Neurogénétique Expérimentales et Moléculaires

## 02. Neuropharmacology

*Andreia Simões de Castro Cunha*

**02.014** *Agmatine reverses reserpine-induced orofacial dyskinesia in mice: Role of oxidative stress, nitric oxide and glutamate NMDA receptors.* Cunha AS<sup>1</sup>, Matheus FC<sup>2</sup>, Santos DB<sup>3</sup>, Colle D<sup>3</sup>, Moretti M<sup>4</sup>, Cunha MP<sup>3</sup>, Rodrigues AL<sup>3</sup>, Farina M<sup>3</sup>, Prediger RD<sup>1</sup> <sup>1</sup>UFSC – Farmacologia, <sup>2</sup>UFSC – Farmacologia, <sup>3</sup>UFSC – Bioquímica, <sup>4</sup>UFSC – Farmacologia / Bioquímica

*Stella Junqueira*

**02.018** *Inosine attenuates inflammatory and nociceptive responses in a murine multiple sclerosis model.* Junqueira SC<sup>1,2</sup>, Lieberknecht V<sup>1,2</sup>, Albert TB<sup>2</sup>, Peña MC<sup>1</sup>, Coelho IS<sup>1</sup>, Mack JM<sup>3</sup>, Rodrigues ALS<sup>1</sup>, Calixto JB<sup>4</sup>, Santos ARS<sup>1</sup>, Dutra RC<sup>1,2,3</sup> <sup>1</sup>UFSC – Neurociências, <sup>2</sup>LAIF-UFSC-Araranguá, SC; <sup>3</sup>UFSC – Farmacologia, <sup>4</sup>CIEnP

*Patrícia Reckziegel*

**02.022** *Reserpine effects on dopaminergic neurons morphology.* Reckziegel P<sup>1</sup>, Aschner M<sup>2</sup>, Fachineto R<sup>3</sup> <sup>1</sup>UFSC – Farmacologia, <sup>2</sup>Albert Einstein College – Molecular Pharmacology, <sup>3</sup>UFSC – Fisiologia e Farmacologia

*Karine Roversi*

**02.024** *Influence of trans fat supplementation crossover two generations of rats on an amphetamine-induced mania-animal model.* Roversi Kr<sup>1</sup>, Trevizol F<sup>2</sup>, Dias VT<sup>1</sup>, Burger ME<sup>2</sup> <sup>1</sup>UFSC – Farmácia, CCS, <sup>2</sup>UFSC – Farmacologia



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*Enéas de Andrade Fontes Junior*

**02.046** Chronic ethanol intoxication exacerbates the losses generated by cerebral ischemia. Fontes-Júnior EA<sup>1</sup>, Oliveira GB<sup>1</sup>, Fernandes LMP<sup>1</sup>, Leal WG<sup>2</sup>, Rodrigues Lima R<sup>2</sup>, Maia CSF<sup>1</sup>, Crespo-Lopez ME<sup>2</sup> <sup>1</sup>UFPA - Farmácia, <sup>2</sup>UFPA - Ciências Biológicas

*Sara Cristina Hott*

**02.053** Bed nucleus of the stria terminalis noradrenergic system modulates contextual fear conditioning: involvement of CRF1 receptors and NMDA-NO pathway. Hott SC, Gomes FV, Uliana DLM, Resstel LBM FMRP-USP - Pharmacology

### 03. Psychopharmacology

*Ricardo Schneider Jr*

**03.001** N-acetylcysteine prevents alcohol withdrawal-induced increases in corticosterone and leptin in rats. Schneider RJ<sup>1</sup>, Santos CF<sup>2</sup>, Clarimundo V<sup>2</sup>, Dalmaz C<sup>3,1</sup>, Elisabetsky E<sup>2,1</sup>, Gomez R<sup>2,1</sup> <sup>1</sup>UFRGS - Neurociências, <sup>2</sup>UFRGS - Farmacologia, <sup>3</sup>UFRGS - Bioquímica

### 04. Inflammation

*Zelia Menezes*

**04.001** Microbiota is important to 5-fluorouracil-induced intestinal mucositis in mice. Menezes-Garcia Z<sup>1</sup>, Arifa RDN<sup>1</sup>, Acúrcio LB<sup>1</sup>, Lima RL<sup>1</sup>, Brito CB<sup>1</sup>, Teixeira MM<sup>2</sup>, Souza DG<sup>1</sup> <sup>1</sup>UFMG - Microbiologia, <sup>2</sup>UFMG - Imunologia e Bioquímica

*Rebeca De Paiva Froes Rocha*

**04.002** Effect of high dose intravenous immunoglobulin (IVIg) therapy in the treatment of severe dengue. Rocha RPF<sup>1</sup>, Costa VV<sup>1</sup>, Fagundes CT<sup>2</sup>, Valadão DF<sup>1</sup>, Avila TV<sup>1</sup>, Cisalpino D<sup>1</sup>, Souza PR<sup>1</sup>, Ribeiro LS<sup>1</sup>, Queiroz CMJ<sup>3</sup>, Silva TA<sup>3</sup>, Dias ACF<sup>1</sup>, Verri WA<sup>4</sup>, Teixeira MM<sup>5</sup>, Souza DG<sup>1</sup> <sup>1</sup>ICB-UFMG - Microbiologia, <sup>2</sup>UFMG - Microbiologia / Trinity Biomedical Sciences, <sup>3</sup>FO-UFMG - Patologia Oral, <sup>4</sup>UEL - Patologia, <sup>5</sup>UFMG - Bioquímica e Imunologia

*Amanda da Costa Cotias*

**04.021** Effect of pipercolyl xylidide (PPX), a non-anesthetic bupivacaine metabolite in a short-term A/J murine model of asthma marked by resistance to steroid therapy. Cotias AC<sup>1</sup>, Serra MF<sup>1</sup>, Rodrigues VC<sup>1</sup>, Olsen PC<sup>1</sup>, Pão CRR<sup>1</sup>, Costa JCS<sup>2</sup>, Cordeiro RSB<sup>1</sup>, Silva PMR, Silva PMR<sup>1</sup>, Martins MA<sup>1</sup> <sup>1</sup>IOC-Fiocruz - Inflamação, <sup>2</sup>Farmanguinhos-Fiocruz



## MELHORES PAINÉIS 2014

*Kátia Maciel Lima*

**04.022 cAMP elevating agents induce resolution of acute inflammation dependent on annexin A1.** Lima KM<sup>1</sup>, Caux TR<sup>2</sup>, Vago JP<sup>1</sup>, Tavares LP<sup>3</sup>, Aribada RG<sup>2</sup>, Carmo AAF<sup>1</sup>, Galvão I<sup>3</sup>, Costa BRC<sup>2</sup>, Soriani FM<sup>4</sup>, Perretti M<sup>5</sup>, Silva PMR<sup>6</sup>, Pinho V<sup>1</sup>, Teixeira MM<sup>3</sup>, Sousa LP<sup>7</sup> <sup>1</sup>UFMG – Morfologia, <sup>2</sup>UFMG – Análises Clínicas e Toxicológicas, <sup>3</sup>UFMG – Bioquímica e Imunologia, <sup>4</sup>UFMG – Biologia Geral, <sup>5</sup>QMUL, <sup>6</sup>Fiocruz – Fisiologia e Farmacodinâmica, <sup>7</sup>FaFar-UFMG – Análises Clínicas e Toxicológicas

*Catarina Bastos Trigo de Negreiros*

**04.035 Gamma delta T lymphocyte modulation by lipoxygenase-derived mediators.** Negreiros C<sup>1</sup>, Cascabulho C<sup>2</sup>, Pons A<sup>2</sup>, Henriques MG<sup>1</sup>, Costa MF<sup>3</sup>, Penido C<sup>1</sup> <sup>1</sup>Farmanguinhos-Fiocruz – Farmacologia Aplicada, <sup>2</sup>Fiocruz – Inovações em Terapias, Ensino e Bioprodutos

*Anderson Bentes de Lima*

**04.042 In vivo assays of ibuprofen intercalated in layered double hydroxide carrier.** Lima AB<sup>1</sup>, Dias D<sup>1</sup>, Anicete M<sup>2</sup>, Nascimento JLM<sup>3</sup>, Bastos GNT<sup>1</sup> <sup>1</sup>UFPA – Neuroinflamação, <sup>2</sup>UFPA – Planejamento e Desenvolvimento de Fármacos, <sup>3</sup>UFPA – Neuroquímica Molecular e Celular

*Fernanda Verdini Guimarães*

**04.059 Suppression by the flavonol quercetin of chronic lung inflammatory response caused by silica particles in mice.** Guimarães FV, Ferreira TPT, Arantes ACS, Azevedo RB, Martins MA, Silva PMR IOC-Fiocruz

*Magaiver Andrade Silva*

**04.076 Phytocannabinoid, beta-caryophyllene, modulates inflammatory response induced by *Mycobacterium bovis bacillus* Calmette-Guérin in pulmonary and pleurisy model of infection.** Andrade-Silva M, Correa L, Candé A, Rosas EC, Henriques MG <sup>1</sup>Farmanguinhos-Fiocruz – Farmacologia Aplicada

*Marcelo Silva*

**04.089 Effect of low level laser therapy combined with physical training in experimental arthritis.** Silva MP, Sanches IC, Angelis KD, Zamuner SR Uninove – Rehabilitation Sciences

*Daiane Boff*

**04.091 Role of enzyme 5-lipoxygenase in experimental model of septic arthritis.** Boff D, Oliveira SLV, Martins MM, Amaral AF UFMG – Bioquímica e Imunologia



## MELHORES PAINÉIS 2014

*Lucas Secchim Ribeiro*

**04.106** Role of phosphoinositide 3-kinase gamma and platelet activating factor receptor signaling in an experimental model of fever. Ribeiro LS<sup>1</sup>, Santos PC<sup>2</sup>, Machado RR<sup>3</sup>, Souza DG<sup>2</sup>, Teixeira MM<sup>1</sup> <sup>1</sup>UFMG – Bioquímica e Imunologia, <sup>2</sup>UFMG – Microbiologia, <sup>3</sup>UFMG – Produtos Farmacêuticos

*Ana Paula Leite D'Almeida*

**04.119** The effects of alpha-bisabol-loaded nanocapsules in model of acute pulmonary inflammation LPS-induced in mice. D'Almeida APL<sup>1</sup>, Ciambarella BT<sup>1</sup>, Souza ET<sup>1</sup>, Marques S<sup>1</sup>, Terroso T<sup>2</sup>, Pohlmann AR<sup>2</sup>, Guterres SS<sup>2</sup>, Silva PMR<sup>1</sup>, Cordeiro RSB<sup>1</sup>, Martins MA<sup>1</sup>, Bernardi A<sup>1</sup> <sup>1</sup>IOC-Fiocruz, <sup>2</sup>UFRGS – Farmácia

*Fernanda Castanheira*

**04.122** The atypical chemokine receptor d6 plays a protective role during experimental sepsis. Castanheira FVS<sup>1</sup>, Sonogo F<sup>1</sup>, Kanashiro S<sup>1</sup>, Borges VF<sup>1</sup>, Melo PH<sup>2</sup>, Russo RC<sup>3</sup>, Cunha TM<sup>1</sup>, Alves-Filho JCF<sup>1</sup>, Cunha FQ<sup>1</sup> <sup>1</sup>FMRP-USP – Farmacologia, <sup>2</sup>FMRP-USP – Imunologia, <sup>3</sup>UFMG – Fisiologia e Bioquímica

### 05. Pain and Nociception

*Claudia Rita Corso*

**05.006** Effects of simvastatin on acute and neuropathic pain models in rats. Corso CR<sup>1</sup>, Martins DF<sup>2</sup>, Werner MFP<sup>1</sup> <sup>1</sup>UFPR – Farmacologia, <sup>2</sup>UNESC – Ciências da Saúde

*Rodrigo da Silva Santos*

**05.029** Central MU, delta and kappa opioid receptors mediate the protective effect of a sulfated polysaccharide isolated from the red seaweed solieria filiformis on temporomandibular joint nociception in rats. Araújo IWF<sup>1</sup>, Santos RS<sup>2</sup>, Rivanor RLC<sup>3</sup>, Monteiro VS<sup>3</sup>, Pachêco JMS<sup>4</sup>, Vieira LV<sup>5</sup>, Freitas AR<sup>5</sup>, Val DR<sup>6</sup>, Clemente-Napimoga JT<sup>7</sup>, Brito GAC<sup>8</sup>, Bezerra MM<sup>4</sup>, Chave HV<sup>4</sup>, Benevides NMB<sup>3</sup> <sup>1</sup>UFC – Curso de Engenharia de Pesca, <sup>2</sup>UFC – Medicina, <sup>3</sup>UFC – Bioquímica, <sup>4</sup>UFC – Ciências da Saúde, <sup>5</sup>UFC – Odontologia, <sup>6</sup>RENORBIO-UFPE, <sup>7</sup>FOP-Unicamp, <sup>8</sup>UFC – Ciências Morfofuncionais

*Cleverton Kleiton Freitas de Lima*

**05.053** LASSBio-1141: A neuro-immune modulator effective in a model of neuropathic pain. Lima CKFL<sup>1</sup>, Silva RV<sup>1</sup>, Yekkirala AS<sup>2</sup>, Lacerda RB<sup>3</sup>, Barreiro EJM<sup>4</sup>, Fraga CAM<sup>4</sup>, Cunha TM<sup>5</sup>, Woolf CJ<sup>2</sup>, Miranda ALP<sup>1</sup> <sup>1</sup>LEFEx-UFRJ – Farmácia, <sup>2</sup>Harvard Medical School, <sup>3</sup>UFRRJ – Química, <sup>4</sup>LASSBio-UFRJ – Farmácia, <sup>5</sup>FMRP-USP



## MELHORES PAINÉIS 2014

### 06. Cardiovascular and Renal Pharmacology

*Letícia Nogueira Leite*

**06.004** Effect of the NAD(P)H oxidase inhibitor apocynin on oxidative stress induced by chronic ethanol consumption in the rats corpus cavernosum. Leite LN<sup>1</sup>, Hipolito UV<sup>2</sup>, Tirapelli CR<sup>2</sup> <sup>1</sup>FMRP-USP, <sup>2</sup>EERP-USP

*Janaina Aparecida Simplicio*

**06.010** Role of TNF- $\alpha$  in chronic ethanol consumption-induced oxidative stress: involvement of perivascular adipose tissue. Simplicio JA<sup>1</sup>, Cunha TM<sup>1</sup>, Tirapelli CR<sup>2</sup> <sup>1</sup>FMRP-USP – Pharmacology, <sup>2</sup>EERP-USP – Pharmacology

*Aline Leal Cortes*

**06.013** Treatment with doxycycline prevents the renal function impairment in rats subjected to kidney ischemia-reperfusion. Cortês AL, Gonsalez SR, Melo PA, Lara LS ICB-UFRJ

*Tays Amanda Felisberto da Silva*

**06.039** Cardiovascular effects induced by tetrahydrofurfuryl nitrate (NTHF), a new nitric oxide donor, in spontaneously hypertensive rats. Silva TAF<sup>1</sup>, Furtado FF<sup>2</sup>, Machado NT<sup>1</sup>, Queiroz TM<sup>3</sup>, Alustau MC<sup>1</sup>, Assis VL<sup>3</sup>, Vasconcelos WP<sup>1</sup>, Oliveira-Filho AA<sup>1</sup>, Veras RC<sup>1</sup>, Santos AF<sup>3</sup>, Athayde-Filho PF<sup>3</sup>, Medeiros IA<sup>1</sup> <sup>1</sup>DCF-CCS-UFPB, <sup>2</sup>ETSC-CFP-UFCG, <sup>3</sup>CCS-UFPB

*Priscila de Souza*

**06.043** Impaired vascular function in sepsis-surviving rats: evidence for endothelial dysfunction mediated by angiotensin II, increased ROS/RNS Generation and augmented activity of RHO-kinase. de Souza P<sup>1</sup>, Scheschowitsch K<sup>2</sup>, da Silva LM<sup>1</sup>, Guarido KL<sup>2</sup>, Werner MF<sup>1</sup>, Assreuy J<sup>2</sup>, da Silva-Santos JE<sup>2</sup> <sup>1</sup>UFPR – Pharmacology, <sup>2</sup>UFSC – Pharmacology

*Fernanda Carla Ferreira de Brito*

**06.044** LASSBio-1425 – antiatherogenic and anti-inflammatory activity of a new phtalimide derivat. Fumian MM<sup>1</sup>, Motta NAV<sup>1</sup>, Leite TRS<sup>1</sup>, Maia RC, Barreiro E JL<sup>2</sup>, Brito FCF<sup>1</sup> <sup>1</sup>UFF – Fisiologia e Farmacologia, <sup>2</sup>UFRJ – Síntese e Avaliação de Substâncias Bioativas



## MELHORES PAINÉIS 2014

*Juliano Quintella Dantas Rodrigues*

**06.058** The A1 and P2Y1 receptor are the receptor involved in the cardiac arrest produced by ATP? Rodrigues JQD, Silva Júnior ED, Câmara H, Godinho RO, Jurkiewicz A Unifesp – Farmacologia

### 07. Endocrine and Gastrointestinal

*Lucas Nicolau*

**07.001** Protective effect of epispiloturine hydrochloride, a semisynthetic imidazole alkaloid isolated from *Pilocarpus microphyllus* leaves, on naproxen-induced gastrointestinal damage in rats. Nicolau LAD<sup>1</sup>, Carvalho NS<sup>1</sup>, Pacifico DM<sup>1</sup>, Quaresma MP<sup>1</sup>, Lucetti LT<sup>2</sup>, Aragão KS<sup>2</sup>, Leite JRA<sup>1</sup>, Souza MHL<sup>2</sup>, Medeiros JVR<sup>1</sup>  
<sup>1</sup>UFPI, <sup>2</sup>UFC

### 08. Respiratory, Urinary and Reproductive

*Carla de Oliveira*

**08.001** Ipriflavone in a self-emulsifying drug delivery system (SEDDS) improves female sexual function in young and menopausal senescent hypertensive rats. Martins TA, Mendes JC, Mosqueira VCF, Grabe-Guimarães A, Rodvalho GV, Leite R CiPharma-UFOP

*Patricia Castro*

**08.006** Relaxing effects of the new nitric oxide donor in isolated trachea from rats with experimental asthma. Castro PFS<sup>1,2</sup>, Batista AC<sup>3</sup>, Silva RS<sup>4</sup>, Rocha ML<sup>1</sup>  
<sup>1</sup>FF-UFG, <sup>2</sup>Universo, <sup>3</sup>FO-UFG, <sup>4</sup>FCFRP-USP

### 09. Natural Products and Toxinology

*Lucas Alves de Freitas*

**09.036** Study of neurotoxic effects of intrahippocampal injection of three isolated toxins from venom of the scorpion *Tityus bahiensis*. Freitas LA<sup>1</sup>, Kuniyoshi AK<sup>2</sup>, Carvalho DC<sup>2</sup>, Paulo MEFV<sup>1</sup>, Sobral ACM<sup>1</sup>, Portaro FCV<sup>2</sup>, Dorce VAC<sup>1</sup>, Nencioni ALA<sup>1</sup>  
<sup>1</sup>IBu – Farmacologia, <sup>2</sup>IBu – Imunoquímica

*Luciana Pimenta*

**09.045** Crotoxin, a toxin from rattlesnake venom, inhibits the angiogenic function of macrophages in co-culture model. Pimenta LA, Pereira JF, Kato EE, Cirillo MC, Sampaio SC IBu – Pathophysiology

*Gabriela Cristina Segat*



## MELHORES PAINÉIS 2014

**09.052 Antinociceptive effect of beta-caryophyllene in paclitaxel-induced peripheral neuropathy.** Segat GC<sup>1</sup>, Costa R<sup>2</sup>, Manjavachi MN<sup>1</sup>, Setim C<sup>1</sup>, Calixto JB<sup>1</sup> <sup>1</sup>UFSC – Farmacologia, <sup>2</sup>UFRJ – Farmácia

*Renato Ivan Ávila*

**09.067 Mucoadhesive formulation containing *Bidens pilosa* L. (Asteraceae) reduces intestinal injury against 5-fluorouracil-induced mucositis in mice.** Ávila RI<sup>1</sup>, Ávila PHM<sup>1</sup>, Santos Filho EX<sup>1</sup>, Bastos CCC<sup>1</sup>, Batista AC<sup>2</sup>, Serpa RC<sup>3</sup>, Marreto RN<sup>1</sup>, Lima EM<sup>1</sup>, Mendonça EF<sup>2</sup>, Valadares MC<sup>1</sup> <sup>1</sup>FARMATEC-UFG – Farmacologia e Toxicologia Celular, <sup>2</sup>FO-UFG – Patologia Bucal

*Sarah Natalie Cirilo Gimenes*

**09.074 Isolation and biochemical characterization of A  $\gamma$ -type phospholipase A2 inhibitor from *Crotalus durissus collilineatus* snake serum.** Gimenes SNC<sup>1</sup>, Ferreira FB<sup>1</sup>, Silveira ACP<sup>1</sup>, Rodrigues R S<sup>1</sup>, Yoneyama KAG<sup>1</sup>, dos Santos JI<sup>2</sup>, Fontes MRM<sup>2</sup>, Brites VLC<sup>3</sup>, Santos ALQ<sup>4</sup>, Borges MH<sup>5</sup>, Lopes DS<sup>1</sup>, Rodrigues VM<sup>1</sup> <sup>1</sup>UFU – Genética e Bioquímica, <sup>2</sup>Unesp – Física e Biofísica, <sup>3</sup>UFU – Biologia, <sup>4</sup>UFU – Medicina Veterinária, <sup>5</sup>FUNED

*Amanda Mota*

**09.122 Antinociceptive and toxicological analysis of an Amazon oil: Pp-oil.** Mota AS<sup>1</sup>, De Lima AB<sup>1</sup>, Gomes MF<sup>1</sup>, Dias DCR<sup>1</sup>, Santos GCQ<sup>1</sup>, Nascimento GS<sup>1</sup>, Silveira TS<sup>2</sup>, Albuquerque TLF<sup>1</sup>, Do Nascimento JLM<sup>3</sup>, Da Silva JKR<sup>4</sup>, Maia JGS<sup>4</sup>, Ribeiro AF<sup>5</sup>, Bastos GNT<sup>1</sup> <sup>1</sup>UFPA – Neuroinflamação, <sup>2</sup>UEPA, <sup>3</sup>UFPA – Neuroquímica Molecular e Celular, <sup>4</sup>UFPA, <sup>5</sup>UNIFESSPA

*Luiz Henrique César Vasconcelos*

**09.131 Galetin 3,6-dimethyl ether activates K<sup>+</sup> channels and reduces Ca<sup>2+</sup> cytosolic levels on guinea pig ileum.** Vasconcelos LHC<sup>1</sup>, Correia ACC<sup>2</sup>, Souza ILL<sup>1</sup>, Paredes-Gamero EJ<sup>3</sup>, Buri MV<sup>3</sup>, Rigoni VLS<sup>3</sup>, Santos BVO<sup>1,4</sup>, Cavalcante FA<sup>1,5</sup>, Silva BA<sup>1,4</sup> <sup>1</sup>UFPB, <sup>2</sup>ICBS-UFAL, <sup>3</sup>DB-Unifesp, <sup>4</sup>DCF-UFPB, <sup>5</sup>DFP-UFPB

*Ana Caroline de Lima Silva*

**09.134 Involvement of K<sup>+</sup> channels on spasmolytic effect of the new derivative of norlapachol on guinea pig ileum.** Silva ACL<sup>1</sup>, Vasconcelos LHC<sup>1</sup>, Galvão JLFM<sup>1</sup>, Ferreira PB<sup>1</sup>, David CC<sup>2</sup>, Câmara CA<sup>2</sup>, Cavalcante FA<sup>3</sup>, Silva BA<sup>4</sup> <sup>1</sup>UFPB, <sup>2</sup>DCM-UFRPE, <sup>3</sup>DFP-UFPB, <sup>4</sup>DCF-UFPB



## MELHORES PAINÉIS 2014

*Elthon Gois Ferreira*

**09.135** Antitumor agents from *Actinomadura* sp. recovered from marine sediment collected at St. Peter and St. Paul Archipelago (SPSPA). Nunes LF<sup>1,2</sup>, Ferreira EG<sup>1</sup>, Pires K<sup>1,3</sup>, Costa JFT<sup>4</sup>, Torres MCM<sup>4</sup>, Jimenez PC<sup>1,5</sup>, Silveira ER<sup>4</sup>, Pessoa ODL<sup>4</sup>, Costa-Lotufo LV<sup>1,6</sup> <sup>1</sup>LABOMAR-UFC – Ciências do Mar, <sup>2</sup>UECE, <sup>3</sup>IFSC, <sup>4</sup>UFC – Química Orgânica e Inorgânica, <sup>5</sup>Unifesp – Ciências do Mar, <sup>6</sup>UFC – Fisiologia e Farmacologia

### 10. Cancer and Cell Proliferation

*Franciele Kipper*

**10.010** Genetic profile analysis and *in vitro* drug sensibility from primary culture obtained from glioblastoma. Kipper FC<sup>1</sup>, Becker R<sup>1</sup>, Mendonça LC<sup>1</sup>, Vanacôr CN<sup>2</sup>, Confortin G<sup>2</sup>, Marc A<sup>2</sup>, Paglioli-Neto E<sup>2</sup>, Morrone FB<sup>3</sup>, Lenz G<sup>1</sup> <sup>1</sup>UFRGS – Biofísica e Centro de Biotecnologia, <sup>2</sup>HSL-PUCRS – Neurocirurgia, <sup>3</sup>PUCRS – Farmácia