

YOU WILL FIND BELOW SOME OF THE MAIN RESEARCH GROUPS AT UFCSPA AND A SAMPLE OF THEIR MORE RELEVANT SCIENTIFIC OUTPUT DURING THE LAST THREE YEARS.

Behavioral Neurosciences

Contact: Prof. Helena Barros, PhD
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1. The effect of intra-nucleus accumbens administration of allopregnanolone on δ and γ 2 GABAA receptor subunit mRNA expression in the hippocampus and on depressive-like and grooming behaviors in rats. *Pharmacology, Biochemistry and Behavior*, v. 103, p. 359-366, 2012.
2. GABA system changes in methylphenidate sensitized female rats. *Behavioural Brain Research*, v. 231, p. 181-186, 2012.

Bioactive Substances of Pharmacological Interest

Contact: Prof. Jenifer Saffi, PhD
jenifers@ufcspa.edu.br

1. PARPs and the DNA damage response. *Carcinogenesis (New York. Print)*, v. 33, p. 1433-1440, 2012.
2. Cytotoxic mechanism of Piper gaudichaudianum Kunth essential oil and its major compound nerolidol. *Food and Chemical Toxicology*, v. 57, p. 57-68, 2013.

Dermatological Diseases

Contact: Prof. Renan Bonamigo, PhD
bonamigo@ufcspa.edu.br

1. Genetic variations of patients with familial or multiple melanoma in Southern Brazil.. *J EADV. Journal of the European Academy of Dermatology and Venereology*, v. 27, p. 179-185, 2013.
2. Crusted rosacea-like demodicidosis in na HIV-positive female. *Journal of the American Academy of Dermatology*, v. 65, p. e131-e132, 2011.

Epidemiology and resistance of the main microorganisms that cause infections in hospitals and in communities in the state of Rio Grande do Sul

Contact: Prof. Pedro d'Azevedo, PhD
pedroaze@ufcspa.edu.br
Prof. Cicero Dias, PhD
cicero@ufcspa.edu.br

1. Rifampicin fails to eradicate mature biofilm formed by methicillin-resistant *Staphylococcus aureus*. *Revista do Instituto de Medicina Tropical de São Paulo (Impresso)*, v. 45, p. 471-474, 2012.
2. Inhibition of biofilm maturation by linezolid in methicillin-resistant *Staphylococcus epidermidis* clinical isolates: comparison with other drugs. *Journal of Medical Microbiology*, v. 62, p. 394-399, 2012.

Human Genetics

Contact: Prof. Paulo Zen, PhD
paulozen@ufcspa.edu.br

1. Cytogenetic response to imatinib treatment in Southern Brazilian patients with Chronic Myelogenous Leukemia and variant Philadelphia chromosome. *Annals of Hematology (Print)*, v. 92, p. 185-189, 2013

2. Molecular analysis of connexin26 asparagine14 mutations associated with syndromic skin phenotypes. *Experimental Dermatology*, v. 20, p. 408-412, 2011.

Image Diagnosis

Contact: Prof. Bruno Hochhegger, PhD
brunohochhegger@gmail.com

1. Fungal diseases mimicking primary lung cancer: radiologic-pathologic correlation. *Mycoses*. 2013 Oct 22. doi: 10.1111/myc.12150. [Epub ahead of print] PubMed PMID: 24147761.
2. Anterior segment and medial segment of the left lower lobe: a new and unknown nomenclature. *Radiology*. 2013 Oct;269(1):310-1. doi: 10.1148/radiol.13130771. PubMed PMID: 24062565

Liver Transplantation

Contact: Prof. Cláudio Marroni, PhD
nmarroni@terra.com.br

1. Liver retransplantation in adults: a 20-year experience of one center in southern Brazil. *Costabeber AM Annals of Hepatology*. 2013 Nov-Dec;12(6):942-51
2. N-acetylcysteine improves antitumoural response of Interferon alpha by NF-kB downregulation in liver cancer cells. *Kretzmann NA Comparative Hepatology Dec 4;11(1):4*. doi: 10.1186/1476-5926-11-4.

Molecular and Image Diagnostics for Infectious Diseases

Contact: Prof. Alessandro Comarú Pasqualotto, PhD
pasqualotto@ufcspa.edu.br

1. Cryptococcus within a urinary cast. *Kidney International*, v. 84, p. 218-218, 2013.
2. Risk Factors and Outcomes in Lung Transplant Recipients with Nodular Invasive Pulmonary Aspergillosis. *The Journal of Infection*, v. 67, p. 72-78, 2013.

Pollution - Oxidative Stress - Biological Effects

Contact: Prof. Claudia Rhoden, PhD
crhoden@ufcspa.edu.br

1. Pollen abortion rates, nitrogen dioxide by passive tubes and bioaccumulation in tree barks are effective in the characterization of air pollution. *Environmental and Experimental Botany*, v. 72, p. 272-277, 2011.
2. Is cardiac tissue more susceptible than lung to oxidative effects induced by chronic nasotropic instillation of residual oil fly ash (ROFA)? *Toxicology Mechanisms and Methods*, v. 22, p. 533-539, 2012.

Rehabilitation

Contact: Prof. Pedro Dal Lago, PhD
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Prof. Rodrigo Plentz, PhD
rodrigop@ufcspa.edu.br

1. Functional electrical stimulation in the treatment of patients with chronic heart failure: a meta-analysis of randomized controlled trials. *European Journal of Cardiovascular Prevention & Rehabilitation (Print)*, p. 1-260, 2011.
2. Inspiratory muscle training reduces blood pressure and sympathetic activity in hypertensive patients: A randomized controlled trial. *International Journal of Cardiology (Print)*, v. 166, p. 61-67, 2013.