



## **Biostatistics statement**

### **Study of the roles of caspase-3 and NF- $\kappa$ B in myenteric neurons in a P2X7 receptor knockout mouse model of ulcerative colitis**

Henrique Inhauser Riceti Magalhães, Felipe Alexandre Machado, Roberta Figueiroa de Souza, Marcos Antônio Ferreira Caetano, Vanessa Ribeiro Figliuolo, Robson Coutinho-Silva, Patricia Castelucci

**Henrique IR Magalhães**, Department of Surgery, School of Veterinary Medicine and Animal Sciences, University of São Paulo, São Paulo 05508-270, Brazil

**Felipe A Machado, Roberta F Souza, Marcos Antônio F Caetano, Patricia Castelucci**, Department of Anatomy, Institute of Biomedical Sciences, University of São Paulo, São Paulo 05508-000, Brazil

**Vanessa R Figliuolo, Robson Coutinho-Silva**, Laboratory of Immunophysiology, Biophysics Institute Carlos Chagas Filho, Federal University of Rio de Janeiro, Rio de Janeiro 21941-902, Brazil

The statistical analysis of this study was performing by Professor Associate Dr Patricia Castelucci of Department of Anatomy/Institute Biomedical and Sciences/University of São Paulo. Quantitative data were analyzed, and the results are expressed as the mean  $\pm$  standard error of the mean (SE). Comparisons between groups were performed by two-way ANOVA followed by Bonferroni

University of São Paulo  
Institute Biomedical and Sciences  
Department of Anatomy  
Laboratory of Neurogastroenterology  
Av. Prof. Lineu Prestes, 2415 - São Paulo, SP – Brasil - CEP 05508-900  
(+55) (11) 3091-8463 - e-mail: pcastel@usp.br



correction with GraphPad Prism 5.0 software. Statistical significance is displayed as  $P < 0.05$ .

*Patricia Castelucci*

Dr Patricia Castelucci, PhD  
Associate Professor  
Head of Laboratory of Neurogastroenterology  
Department of Anatomy  
University of São Paulo