
Biomedical Studies

Journals

C.C. Marques, S.I. Gabriel, T. Pinheiro, A.M. Viegas-Crespo, M.L. Mathias, M.J. Bebianno. Metallothionein levels in Algerian mice (*Mus spretus*) exposed to elemental pollution: an ecophysiological approach. *Chemosphere*, 71 (2008)1340-1347.

E. Gontier, M.D. Ynsa, T. Bíró, J. Hunyadi, B. Kiss, K. Gáspár, T. Pinheiro, J.N. Silva, P. Filipe, J. Stachura, W. Dabros, T. Reinert, T. Butz, P. Moretto, J.E. Surléve-Bazeille. Is there penetration of titania nanoparticles in sunscreens through skin? A comparative electron and ion microscopy study, *Nanotoxicology*, 2 (2008) 218 – 231.

Communications

T. Pinheiro, Biomedical applications of PIXE, *Sixth International Symposium (BIOPIXE6)*, dedicated to advances in biological, medical, and environmental applications of Proton-Induced X-Ray Emission, 16-20 June 2008, Richland, WA, US, invited.

I.Gomez-Morilla, T. Pinheiro, S. Odenbach, M.D. Ynsa Alcala, X-ray tomography as a complementary technique to Nuclear Microscopy for biomedical applications, *11th Int. conf. on Nuclear Microprobe Technology and Applications (ICNMTA2008)*, 20-25 July 2008, Debrecen, Hungary, oral.

T. Pinheiro, A. Barreiros, L.C. Alves, M. Neres, R. Fleming, J.N. Silva, P. Filipe, R. Silva, Serial changes of iron concentrations in skin and plasma of patients with hemochromatosis, *9th Int. Conf. on Nuclear Analytical Methods in the Life Sciences (NAMLS-9)*, 7-12 September, 2008 Lisbon, Portugal, oral.

T. Pinheiro 1, R. Fleming, A. Gonçalves, M. Neres, L.C. Alves, J.N. Silva, P. Filipe, R. Silva. Imaging Iron in Skin and Liver: non-invasive tools for hemochromatosis therapy, *11th International conference on Nuclear Microprobe Technology and Applications (ICNMTA2008)*, 20-25 July 2008, Debrecen, Hungary, poster.

L.C. Alves, R.C. da Silva, T. Pinheiro, On/off-axis STIM imaging and areal mass density normalization, *ICNMTA2008, 11th Int. conf. on Nuclear Microprobe Technology and Applications*, 20-25 July 2008, Debrecen, Hungary, poster.

P. Napoleão, M. Selas, A. Toste, A. Turkman, V. Andreozzi, A.M. Viegas-Crespo, T. Pinheiro, R. Cruz Ferreira, Oxidized LDL levels Associate with Culprit Vessel in ST-elevation Myocardial Infarction, *European Society of Cardiology Congress (ESC2008)*, 30 Aug 2008 - 03 Sep 2008, Munich, Germany, poster.

A. Barreiros, C. Ralheta, P. Napoleão, R. Pinheiro, P.M. Felix, T. Pinheiro, Uncertainty evaluation in the analysis of trace elements in human blood, *9th Int. Conf. Nuclear Analytical Methods in the Life Sciences (NAMLS-9)*, 7-12 Sept., 2008 Lisbon, Portugal, poster.

P. Napoleão, R. Cruz Ferreira, M. Selas, M.C. Monteiro, A.M. Viegas-Crespo, T. Pinheiro, Platelet and endothelium status in the acute myocardial infarction, *77th Congress European Atherosclerosis Society, EAS*, Istanbul, 26-29 April 2008, poster.

P. Napoleão, M. Selas, Antónia Turkman, Valeska Andreozzi, A.M. Viegas-Crespo, T. Pinheiro, R. Cruz Ferreira, Serial changes of oxidized low density lipoprotein associate with culprit vessel in ST-elevation myocardial infarction – a promising marker? *XXIX Congresso Português de Cardiologia*, 20 - 23 April 2008, Vilamoura, Portugal, poster.

P. Napoleão, M. Selas, Antónia Turkman, Valeska Andreozzi, A.M. Viegas-Crespo, T. Pinheiro, Rui Cruz Ferreira, Clinical significance of serial changes of oxidized low density lipoprotein in acute myocardial infarction, *XXIX Congresso Português de Cardiologia*, 20 - 23 April 2008, Vilamoura, Portugal, poster.

P. Napoleão, M. Selas, A. Toste, A. Turkman, V. Andreozzi, A.M. Viegas-Crespo, T. Pinheiro, Rui Cruz Ferreira, Longitudinal Variation of high soluble CD40L levels in acute myocardial infarction are associated with low NT-ProBNP, *XXIX Congresso Português de Cardiologia*, 20-23 April 2008, Vilamoura, Portugal, poster.

Theses

M.Sc.

Rita Correia Martins Carvalho, *Constituição da placa aterosclerótica obtida por VH IVUS e sua relação com indicadores sanguíneos de inflamação*, FCUL, 4 Dez 2008. (Supervisor: T. Pinheiro).