

# Environmental and Health Sciences

## Biomedical Studies

### Journals

C.C. Marques, A.C. Nunes, T. Pinheiro, P.A. Lopes, M.C. Santos, A.M. Viegas-Crespo, M.G. Ramalhinho, M.L. Mathias, An assessment of time-dependent effects of lead exposure in Algerian mice (*Mus spretus*) using different methodological approaches, *Biological Trace Element Research* 109, 75-90, 2006.

P. Napoleão, P.A. Lopes, M.C. Santos, J.-P. Steghens, A.M. Viegas-Crespo, T. Pinheiro, Redox balance and blood elemental levels in atherosclerosis, *Nucl. Instr. & Meth. B* 249, 702-705, 2006.

I. Batista, R. Fleming, R. Silva, P. Filipe, J. N. Silva, A. Veríssimo, L.C. Alves, T. Pinheiro, Using skin to assess iron accumulation in human metabolic disorders, *Nucl. Instr. & Meth. B* 249, 697-701, 2006.

P.A. Lopes, P. Napoleão, T. Pinheiro, F. Ceia, J.P. Steghens, M.C. Santos, A.M. Viegas-Crespo, Systemic markers of the redox balance and apolipoprotein E polymorphism in atherosclerosis – the relevance for an integrated study, *Biological Trace Element Research* 112, 57-76, 2006.

M.D. Ynsa, F.J. Ager, L.C. Alves, M.A. Zubeldia, J.C. Millan, T. Pinheiro, Elemental distributions in femoral bone of rat under osteoporosis preventive treatment, *J. Microscopy* 224, 298-305, 2006.

P. Napoleão, A. Melão, M.C. Santos, L. Veiga, M. Selas, A.M. Viegas-Crespo, R. Cruz Ferreira, T. Pinheiro, Inflammation and redox balance markers levels in patients with acute myocardial infarction, *Atherosclerosis Suppl.* 784 – MoP2, 172, 2006.

### Conference Proceedings

T. Pinheiro, R. Fleming, H. Proença, A. Barreiros, C. Ralheta, P. Filipe, J.N. Silva, R. Silva, Skin iron associates to hepatic iron and circulating hepcidin content in haemochromatosis, *Proc. European Iron Club*, Annual Meeting, Barcelona, 28-29 Sep. 2006.

### Communications

#### Oral

P. Napoleão, A. Barreiros, C. Ralheta, M. Selas, R. Ferreira, A. Viegas-Crespo, T. Pinheiro, Blood concentrations of elements and nitric oxid in acute myocardial infarction, 9<sup>th</sup> Int. Symp. Metal Ions in Biology and Medicine, Lisbon, Portugal, May 2006.

T. Pinheiro, L.C. Alves, A. Barreiros, C. Ralheta, P. Filipe, J.N. Silva, R. Silva, R. Fleming, Skin as a marker of iron tissue overload in primary haemochromatosis, 9<sup>th</sup> Int. Symp. Metal Ions in Biology and Medicine, Lisbon, Portugal, May 2006.

T. Pinheiro, C. Monteiro, M.C. Santos, Dietary influence of selenite on element levels in rat tissues, 9<sup>th</sup> Int. Symp. Metal Ions in Biology and Medicine, Lisbon, Portugal, 21-24 May 2006.

P. Napoleão, M.C. Santos, M. Selas, A.M. Viegas-Crespo, T. Pinheiro, R. Ferreira, Inflammatory markers variations in acute myocardial infarction: a longitudinal study. XXVII Congresso Português de Cardiologia, Vilamoura, Portugal, 22-26 Apr. 2006.

#### Posters

M.A. Barreiros, C. Ralheta, T. Pinheiro, L.C. Alves, P. Filipe, J.N. Silva, R. Silva, R. Fleming, Monitoring plasma and skin iron concentrations in human metabolic disorders, *European Conf. on X-Ray Spectrometry*, Paris, France, June 2006.

T. Pinheiro, L.C. Alves, A. Veríssimo, J.N. Silva, R. Silva, P. Filipe, Elemental distribution and penetration profiles of TiO<sub>2</sub> and ZnO in human skin after sunscreen application, 9<sup>th</sup> Int. Symp. Metal Ions in Biology and Medicine, Lisbon, Portugal, May 2006.

P. Napoleão, M.C. Santos, M. Selas, R. Cruz Ferreira, A.M. Viegas-Crespo, T. Pinheiro, Soluble inflammatory markers in acute myocardial infarction, *Congresso Nac. de Citocinas*, Coimbra, Portugal, May 2006.