

## ▪ PUBLICATIONS IN INTERNATIONAL SCIENTIFIC JOURNALS

1. Marta O. Ferreira, M. Helena Amaral, Paulo Costa, Maria Fernanda Bahía. *Effects of São Pedro do Sul thermal water on skin hydration, pH, sebum and surface*. Submitted for publication.
2. Maria Alonso-Sande, Bruno Sarmento, A. Delgado, C. Evora, M. Zouniou, Carmen Remuñán-López, Maria José Alonso. *Development of new PLGA-mannosamine nanoparticles as oral protein delivery*. Submitted for publication.
3. Marta O. Ferreira, Maria Fernanda Bahía, Paulo Costa. *Effect of São Pedro do Sul thermal water on skin irritation*. International Journal of Cosmetic Science, in press.
4. André São Pedro, Cassia Detoni, Domingos Ferreira, Elaine Cabral Albuquerque, Bruno Sarmento. *Validation of a high performance liquid chromatography method for the determination of (-)- $\alpha$ -bisabolol from particulate systems*. Biomedical Chromatography, in press.
5. André São Pedro, Elaine Cabral Albuquerque, Domingos Ferreira, Bruno Sarmento. *Chitosan: An option for development of essential oil delivery systems for oral cavity care?*. Carbohydrate Polymers, 76, 501-508, 2009.
6. Bruno Sarmento, *The oral route of proteins: How far we are?*. International Pharmacy Journal, 23, 9-12, 2008.
7. Bruno Sarmento, Susana Martins, Domingos Ferreira, Eliana Souto. *Oral insulin delivery by means of solid lipid nanoparticles*. International Journal of Nanomedicine, 2, 743-749, 2007.

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8. Susana Martins, Bruno Sarmiento, Domingos Ferreira, Eliana Souto. *Lipid-based colloidal carriers for peptide and protein delivery - Liposomes versus Lipid Nanoparticles*. International Journal of Nanomedicine, 2, 595-607, 2007.
9. Teófilo Vasconcelos, Bruno Sarmiento and Paulo Costa. *Solid dispersions as strategy to improve oral bioavailability of poor water soluble drugs*. Drug Delivery Today, 12 (23-24) 1068-1075, 2007.
10. Bruno Sarmiento, António Ribeiro, Francisco Veiga, Paula Sampaio, Ronald Neufeld, Domingos Ferreira. *Alginate-chitosan nanoparticles are effective for oral insulin delivery*. Pharmaceutical Research, 24 (12) 2198-2206, 2007.
11. Joana Fernandes, Domingos Ferreira, Bruno Sarmiento. *Microencapsulação de células  $\beta$ , uma abordagem terapêutica em progresso*. Revista Portuguesa de Diabetes, 2 (3), 5-14, 2007.
12. Bruno Sarmiento, António Ribeiro, Francisco Veiga, Domingos Ferreira, Ronald Neufeld. *Oral bioavailability of insulin contained in polysaccharide nanoparticles*. Biomacromolecules, 8, 3054-3060, 2007.
13. Bruno Sarmiento, Domingos Ferreira. *Administração oral de insulina através da sua encapsulação em nanopartículas biodegradáveis*. Revista Portuguesa de Diabetes, 2, 10-17, 2007.
14. Susana Martins, Bruno Sarmiento, Eliana Souto, Domingos Ferreira. *Insulin-loaded alginate microspheres for oral*

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*delivery – Effect of polysaccharide reinforcement on physicochemical properties and release profile. Carbohydrate Polymers, 69, 725-731, 2007.*

15. Bruno Sarmiento, António Ribeiro, Francisco Veiga, Domingos Ferreira, Ronald Neufeld. *Insulin-loaded nanoparticles are prepared by alginate ionotropic pre-gelation followed by chitosan polyelectrolyte complexation. Journal of Nanoscience and Nanotechnology, 7, 2833-2841, 2007.*
16. Bruno Sarmiento, Domingos Ferreira, Lene Jorgensen, Marco van de Weert. *Probing insulin's secondary structure after entrapment into alginate/chitosan nanoparticles. European Journal of Pharmaceutics and Biopharmaceutics, 65, 10-17, 2007.*
17. Bruno Sarmiento, António Ribeiro, Francisco Veiga, Domingos Ferreira. *Development and characterization of new insulin containing polysaccharide nanoparticles. Colloid and Surface B, Biointerfaces, 53, 193-202, 2006.*
18. Bruno Sarmiento, Domingos Ferreira, Francisco Veiga, António Ribeiro. *Characterization of insulin-loaded alginate nanoparticles produced by ionotropic pre-gelation through DSC and FTIR studies. Carbohydrate Polymers, 66, 1-7, 2006.*
19. Bruno Sarmiento, António Ribeiro, Francisco Veiga, Domingos Ferreira. *Development and validation of a rapid reversed-phase HPLC method for the determination of insulin from nanoparticulate systems. Biomedical Chromatography, 20, 898-903, 2006.*

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20. Bruno Sarmento, Susana Martins, António Ribeiro, Francisco Veiga, Ronald Neufeld, Domingos Ferreira. *Development and comparison of different nanoparticulate polyelectrolyte complexes as insulin carriers*. International Journal of Peptide Research and Therapeutics, 12, 131-138, 2006.
21. Marta O. Ferreira, Maria Fernanda Bahía, Paulo Costa. *Stability of ranitidine hydrochloride in different aqueous solutions*. European Journal of Hospital Pharmacy, 10, 61-63, 2004.
22. Domingos Ferreira, Bruno Sarmento, Helena Amaral, Francisco Veiga, José Sousa-Lobo. *Design and development of oral controlled release microcapsules containing naproxen*. Anales de la Real Academia de Farmacia, 69, 135-147, 2003.
23. António Ribeiro, Bruno Sarmento, Catarina Silva, Domingos Ferreira, Francisco Veiga. *Insulin-loaded microparticles prepared by emulsification/internal gelation*. Revista Portuguesa de Farmácia, 12:27, 2003.