

Claudio Medana

Dal 2001 professore associato di chimica farmaceutica, Facoltà di Farmacia, Università di Torino. Insegnamenti attuali: Analisi dei Farmaci III (Facoltà di Farmacia), Chimica Analitica del Doping Sportivo e Chimica analitica clinica tossicologica (Facoltà di Scienze M.F.N.).

Area di ricerca: studio e caratterizzazione analitica di composti bio-attivi e di interesse tossicologico, in particolare tramite HPLC-MS/MS. Afferenza: Dipartimento di Chimica Analitica dell'Università di Torino.

Pubblicazioni recenti:

- Parlati S, Gobetto R, Barolo C, Arrais A, Buscaino R, C. Medana, Savarino P. Preparation and application of a β -cyclodextrin-disperse/reactive dye complex. *Journal of Inclusion Phenomena and Macrocyclic Chemistry* **57**, 463-470 (2007)
- P. Calza, C. Medana, C. Baiocchi, E. Pelizzetti. Thio-ureas methyl-derivatives photo-induced transformation on titanium dioxide. *Journal of Photochemistry and Photobiology* **189**, 380-386 (2007)
- F. Gosetti, P. Frascarolo, S. Polati, C. Medana, V. Gianotti, P. Palma, R. Aigotti, C. Baiocchi, M.C. Gennaro. Speciation of selenium in diet supplements by HPLC-MS/MS methods. *Food Chemistry* **105**, 1738-1747 (2007)
- D. Gastaldi, L. Paradisi, C. Baiocchi, C. Medana, G. Lo Duca, L.M. Sena, D. Roccatello. Mass spectrometry analysis of IgA1 hinge region in patients with IgA nephropathy. *Journal of Nephrology* **20**, 689 – 695 (2007)
- V.A. Sakkas, P. Calza, C. Medana, A.E. Villioti, C. Baiocchi, E. Pelizzetti, T. Albanis. Heterogeneous photocatalytic degradation of the pharmaceutical agent salbutamol in aqueous titanium dioxide suspensions. *Applied Catalysis B: Environmental* **77**, 135-144 (2007)
- E. Montoneri, V. Boffa, P.L. Quagliotto, R. Mendichi, M.R. Chierotti, R. Gobetto and C. Medana. Humic acid-like matter isolated from green urban wastes. Part I: structure and surfactant. *BioResources* **3**, 123-141 (2008)
- R. Buscaino, C. Baiocchi, C. Barolo, C. Medana, M. Grätzel, Md. K. Nazeeruddin and G. Viscardi. A mass spectrometric analysis of sensitizer solution used for dye-sensitized solar cell. *Inorganica Chimica Acta* **361**, 798-805 (2008).
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- V. Giancotti, C. Medana, R. Aigotti, M. Pazzi and C. Baiocchi. LC-high resolution multiple stage spectrometric analysis of diuretic compounds. unusual mass fragmentation pathways. *Journal of Pharmaceutical and Biomedical Analysis* **48**, 462-466 (2008).
- A. Bianco Prevot, D. Fabbri, E. Pramauro, C. Baiocchi, C. Medana. HPLC-DAD-ESI-MS analysis of intermediates produced in the initial steps of the photocatalytic degradation of sulfonated azo dyes. *Journal of Chromatography A* **1202**, 145-154 (2008).