



Maria Cusato, Degree in Pharmacy and graduate studies in Clinical Pharmacology (University of Pavia, Italy), clinical pharmacokinetic researcher at the Laboratory of Clinical Pharmacokinetics Foundation IRCCS – Policlinico San Matteo – Pavia, Italy.

Her major research interests in the field of pharmacokinetics include development of analytical methods for the quantification of drug concentrations (antiretrovirals, antibiotics, antifungals, anesthetics) in human plasma and other biological fluids by high performance liquid chromatography (HPLC-UV), Liquid chromatography-mass spectrometry (LC MS) and methods validation according to GLP.

Co-author of about 50 scientific papers published on Italian and international Journals of clinical and experimental pharmacology. Speaker at the IATDMCCT Congress (Nice, 2007), at the IATDMCCT Congress (Montreal 2009) and at the ECCMID (Vienna 2010).

M.Regazzi, P.Villani, R.Iapoce, , F.Leoncini, P.Grossi, F.Menichetti et al "

Pharmacokinetics evaluation of antiretroviral and immunosuppressive therapy in acute HIV infection following solid-organ transplanation" (9th International Workshop of Clinical Pharmacology of HIV Therapy, 7-9 April, 2009, New Orleans, USA; Abstract 53-P53

E.Ciraci, P.Villani, , M.Heichen, S.Carbonara, M.Regazzi "Efficacy and safety of TDM-assisted combination therapy with voriconazole plus efavirenz in AIDs patients with cryptococcosis" (9th International Workshop of Clinical Pharmacology of HIV Therapy, 7-9 April, 2009, New Orleans, USA; Abstract 18-P18)

V.Micheli, M.Regazzi, L.Dickinson, P.Meraviglia, P.Villani, "Lopinavir/Ritonavir pharmacokinetics in HIV/HCV coinfecting patients with or without cirrhosis" (*Ther. Drug Monit.*, volume 30, Number 3, 306-313, June 2008)

M.Giola, P.Villani, C.Basilico, L.Lazzaroni, M.L. Balsamo, P.Grossi "Improvement of atazanavir-induced hyperbilirubinaemia following TDM-guided atazanavir dose reduction" (*Drug Therapy in HIV infection, Ninth International Congress, Glasgow, UK, 9-13 Novembre 2008*)

S.Baroncelli, P.Villani, M.Floridia, M.Regazzi et al "Trough concentrations of lopinavir, nelfinavir and nevirapine with standard dosing in human immunodeficiency virus*-infected pregnant women receiving 3-drug combination regimens" (*Ther. Drug Monit.*, volume 30, Number 5, 604-610, October 2008)

G.Barbarini, P.Villani, L.Sangiovanni, S.Carbonara, E.Ciraci, M.Regazzi "Free and total plasma concentration of amprenavir (APV) in HIV positive patients with hepatitis co-infection treated with unboosted FOS-APV" (*10th International Workshop of Clinical Pharmacology of HIV Therapy, 15-17 April, 2009, Amsterdam, Netherlands; Abstract 38*)

M.Regazzi, P.Villani, R.Gulminetti, C.Tinelli, A.Barassi, R.Maserati et al "Therapeutic Monitoring and variability of atazanavir (ATV) in experienced HIV-infected patients received boosted or unboosted regimens" (*10th International Workshop of Clinical Pharmacology of HIV Therapy, 15-17 April, 2009, Amsterdam, Netherlands; Abstract 35*)

R.Imberti, G.Accetta, P.Villani, L.Carnevale, M.Regazzi, M.Langer, G.Iotti "Steady-state pharmacokinetics and bronchoalveolar lavage concentration of colistin in critically ill patients after intravenous colistin methanesulphonate administration". (*20° SMART, Milano May 6-8, 2009; abstract 36*)

P.Perrotti, P.Dominici, E.Grossi, C.Antropoli, G.Giannotti, M.Regazzi and R.Cerutti "Pharmacokinetics of anorectal nifedipine and lidocaine ointment following haemorrhoidectomy" *Clin Drug Invest* 2009;29(4)243-256

R.Imberti, P.Villani, L.Carnevale, G.Iotti, M.Langer, M.Regazzi "Determination of colistin in plasma and bronchoalveolar lavage of critically ill patients using HPLC" (*Oral presentation to IATDMCT- 11th International Congress of Therapeutic Drug Monitoring & Clinical Toxicology Montréal, Québec, Canada October 3-8, 2009*)

G.Giorgiani, P.Villani, A.Bertaina, M.Brogli, M.Regazzi, F.Locatelli "Pharmacokinetic voriconazole monitoring in preventing aspergillosis in immunocompromised pediatric patients with hematologic malignancies" (*Oral presentation to IATDMCT -11th International Congress of Therapeutic Drug Monitoring & Clinical Toxicology Montréal, Québec, Canada October 3-8, 2009*)

M.Allegri, C.Baldi, E.Pitino, M.Regazzi, A.Braschi "An accidental intravenous infusion of ropivacaine without any adverse effect" (*Letter to editor*)

M.Allegri, T.Niebel, C.Baldi, S.Bettinelli, A.Braschi, M.Regazzi "Plasma concentrations of levobupivacaine increase under continuous infusion after a major surgery". *Acta anaesthesiologica Scand* 2009;xx:1-2

G.Lombardi, F.Garofoli, P.Villani, M.Tizzoni, M.Angelini, L.Bollani, A.De Silvestri, M.Regazzi, Stronati M. "Oral valganciclovir treatment in newborns with symptomatic congenital Cytomegalovirus (CMV) infection". *Eur J Clin Microb Infect Dis* (2009) 28:1465-1470

M.Regazzi, P.Villani, R.Iapoce, M.Cusato, F.Leoncini, P.Grossi, F.Menichetti et al "Pharmacokinetics evaluation of antiretroviral and immunosuppressive therapy in acute HIV infection following solid-organ transplantation" (*9th International Workshop of Clinical Pharmacology of HIV Therapy, 7-9 April, 2009, New Orleans, USA; Abstract 53-P53*)

E.Ciraci, P.Villani, M.Cusato, M.Heichen, S.Carbonara, M.Regazzi "Efficacy and safety of TDM-assisted combination therapy with voriconazole plus efavirenz in AIDS patients with

cryptococcosis" (9th International Workshop of Clinical Pharmacology of HIV Therapy, 7-9 April, 2009, New Orleans, USA; Abstract 18-P18)

V.Micheli, M.Regazzi, L.Dickinson, P.Meraviglia, P.Villani, M.Cusato "Lopinavir/Ritonavir pharmacokinetics in HIV/HCV coinfecting patients with or without cirrhosis" (Ther. Drug Monit., volume 30, Number 3, 306-313, June 2008)

M.Giola, M.Cusato, P.Villani, C.Basilico, L.Lazzaroni, M.L. Balsamo, P.Grossi "Improvement of atazanavir-induced hyperbilirubinaemia following TDM-guided atazanavir dose reduction" (Drug Therapy in HIV infection, Ninth International Congress, Glasgow, UK, 9-13 Novembre 2008)

S.Baroncelli, M.Cusato, P.Villani, M.Floridia, M.Regazzi et al "Trough concentrations of lopinavir , nelfinavir and nevirapine with standard dosing in human immunodeficiency virus*-infected pregnant women receiving 3-drug combination regimens" (Ther. Drug Monit., volume 30, Number 5, 604-610, October 2008)

G.Barbarini, P.Villani, M.Cusato, L.Sangiovanni, S.Carbonara, E.Ciraci, M.Regazzi " Free and total plasma concentration of amprenavir (APV) in HIV positive patients with hepatitis co-infection treated with unboosted FOS-APV" (10th International Workshop of Clinical Pharmacology of HIV Therapy, 15-17 April, 2009, Amsterdam, Netherlands; Abstract 38)

M.Regazzi, P.Villani, R.Gulminetti, M.Cusato, C.Tinelli, A.Barassi, R.Maserati et al " Therapeutic Monitoring and variability of atazanavir (ATV) in experienced HIV-infected patients received boosted or unboosted regimens" (10th International Workshop of Clinical Pharmacology of HIV Therapy, 15-17 April, 2009, Amsterdam, Netherlands; Abstract 35)

R.Imberti, M.Cusato, G.Accetta, P.Villani, L.Carnevale, M.Regazzi, M.Langer, G.Iotti "Steady-state pharmacokinetics and bronchoalveolar lavage concentration of colistin in critically ill patients after intravenous colistin methanesulphonate administration". (20° SMART, Milano May 6-8, 2009; abstract 36)

P.Perrotti, P.Dominici, E.Grossi, C.Antropoli, G.Giannotti, M.Cusato, M.Regazzi and R.Cerutti " Pharmacokinetics of anorectal nifedipine and lidocaine ointment following haemorrhoidectomy" Clin Drug Invest 2009;29(4)243-256

M.Cusato, R.Imberti, P.Villani, L.Carnevale, G.Iotti, M.Langer, M. Regazzi " Determination of colistin in plasma and bronchoalveolar lavage of critically ill patients using HPLC" (Oral presentation to IATDMCT- 11th International Congress of Therapeutic Drug Monitoring & Clinical Toxicology Montréal, Québec, Canada October 3-8, 2009)

M.Cusato, G.Giorgiani, P.Villani, A.Bertaina, M.Brogli, M.Regazzi, F.Locatelli "Pharmacokinetic voriconazole monitoring in preventing aspergillosis in immunocompromised pediatric patients with hematologic malignancies" (Oral presentation to IATDMCT -11th International Congress of Therapeutic Drug Monitoring & Clinical Toxicology Montréal, Québec, Canada October 3-8, 2009)

M.Allegri, C.Baldi, E.Pitino, M.Cusato, M.Regazzi, A.Braschi " An accidental intravenous infusion of ropivacaine without any adverse effect" (Letter to editor)

M.Allegri, T.Niebel, C.Baldi, S.Bettinelli, M.Cusato, A.Braschi, M.Regazzi "Plasma concentrations of levobupivacaine increase under continuous infusion after a major surgery". Acta anaesthesiology Scand 2009;xx:1-2

G.Lombardi, F.Garofoli, P.Villani, M.Tizzoni, M.Angelini, M.Cusato, L.Bollani, A.De Silvestri, M.Regazzi, Stronati M. "Oral valganciclovir treatment in newborns with symptomatic congenital Cytomegalovirus (CMV) infection". Eur J Clin Microb Infect Dis (2009) 28:1465-1470