

Curriculum Vitae

Personal information **Roberto Villa**

Work experience

1. Employer: University of Milan
 - Start date: 012005
 - End date: 042017
 - Position: Associate Professor
 - Activities: Teaching Pharmacology and Toxicology at the Faculty of Veterinary Medicine (University of Milan _ Italy) Experimental study of pharmacokinetics/pharmacodynamics on drugs used in veterinary medicine (Antibacterial and antinflammatory drugs). Risk assessment evaluations for veterinary medicinal products. Environmental Risk Assessment for veterinary medicinal products: Phase I – Predicted Environmental Concentration (PEC). Experimental studies to determine the depletion of residues of drugs used in veterinary medicine. Analytical methods (HPLC; HPLC_MS/MS; GC_MS; RIA; ELISA and Microbiological assay). In vitro toxicological studies.
 - Country: Italy
2. Employer: Ministry of Health
 - Start date: 082019
 - End date:
 - Position: Member of the Italian Advisory Committee for the Veterinary Medicine (Section of the Technical Committee for Nutrition and Animal Health)
 - Activities: Expert for the safety of veterinary medicinal products (Part III)
 - Country: Italy
3. Employer: University of Milan
 - Start date: 011995
 - End date: 012005
 - Position: Researcher
 - Activities:

Experimental study of pharmacokinetics/pharmacodynamics on drugs used in veterinary medicine (Antibacterial and antinflammatory drugs).

Risk assessment evaluations for veterinary medicinal products.

Experimental studies to determine the depletion of residues of drugs used in veterinary medicine. Analytical methods (HPLC; HPLC_MS/MS; GC_MS; RIA; ELISA and Microbiological assay)
 - Country: Italy
4. Employer: University of Milan
 - Start date: 042017
 - End date:
 - Position: Full Professor
 - Activities: Teaching Pharmacology and Toxicology at the Faculty of Veterinary Medicine (University of Milan _ Italy) Experimental study of pharmacokinetics/pharmacodynamics on drugs used in veterinary medicine (Antibacterial and antinflammatory drugs). Risk assessment evaluations for veterinary medicinal products and additives. Experimental studies to determine the depletion of residues of drugs used in veterinary medicine. Analytical methods (HPLC; HPLC_MS/MS; GC_MS; RIA; ELISA and Microbiological assay).
 - Country: Italy
5. Employer: EFSA
 - Start date: 072018
 - End date:
 - Position: Member of FEEDAP Panel
 - Activities: The Panel on Additives and Products or Substances used in Animal Feed (FEEDAP) provides scientific advice on the safety and/or efficacy of additives and products or substances used in animal feed. The Panel evaluates their safety and/or efficacy for the target species, the user, the consumer of products of animal origin and the environment. It also looks at the efficacy of biological and chemical products/substances intended for deliberate use in animal feed.
 - Country: Italy
6. Employer: EMEA
 - Start date: 071996
 - End date: 071997
 - Position: National Expert on Detachment
 - Activities:

Veterinary Medicines Evaluation Unit

MRLs and Pharmacovigilance
 - Country: United Kingdom

Education and training

1. Subject: University of Milan

- Start date: 111981
 - End date: 021989
 - Qualification: Doctor in Veterinary Medicine
 - Organisation:
 - Country: Italy
2. Subject: University of Milan Institute of Veterinary Pharmacology and Toxicology
- Start date: 101989
 - End date: 051993
 - Qualification: PhD in Veterinary Pharmacology and Toxicology
 - Organisation:
 - Country: Italy

Additional information

Publications

Cagnardi P., Villa R., Gallo M., Locatelli C., Carli S., Moroni P., Zonca A. (2010) Cefoperazone sodium preparation behavior after intramammary administration in healthy and infected cows. *Journal of Dairy Science*, 93, 4105_4110. (doi: 10.3168/jds.2010_3379). ISSN: 0022_0302 [n. cit. 12; I.F. 2.497] Cagnardi P., Villa R., Zonca A., Gallo M., Beccaglia M., Luvoni G.C., Vettorato E., Carli S., Fonda D., Ravasio G. (2011) Pharmacokinetics, intraoperative effect and postoperative analgesia of tramadol in cats. *Research in Veterinary Science* 90, 503_509. ISSN: 0034_5288 [n. cit. 16; I.F. 1.649] Zonca A., Gallo M., Locatelli C., Carli S., Moroni P., Villa R., and Cagnardi P. (2011) Cefquinome sulfate behavior after intramammary administration in healthy and infected cows. *Journal of Dairy Science* 94, 3455_3461. ISSN: 0022_0302 [n. cit. 20; I.F. 2.564] Cagnardi P., Gallo M., Zonca A., Carli S., Villa R. (2011) Pharmacokinetics and Effects of Alkalization During Oral and Intravenous Administration of Naproxen in Horses. *Journal of Equine Veterinary Science* 31, 456_462. ISSN: 0737_0806 [n. cit. 4; I.F. 0.671] Zonca A., Ravasio G., Gallo M., Montesissa C., Carli S., Villa R., Cagnardi P. (2012) Pharmacokinetics of ketamine and propofol combination administered as ketofol via continuous infusion in cats. *Journal of Veterinary Pharmacology and Therapeutics*. 35 (6), 580_587. ISSN: 0022_0302 [n. cit. 20; I.F. 2.564] P. Cagnardi, A. Zonca, M. Gallo, R. Villa, S. Carli, M. Beccaglia, D. Fonda and G. Ravasio (2013) Pharmacokinetics and perioperative efficacy of intravenous ketorolac in dogs. *Journal of Veterinary Pharmacology and Therapeutics* 36 (6), 603_608; DOI: 10.1111/jvp.12044. ISSN: 0140_7783 [n. cit. 4; I.F. 1.323] A. Zonca, R. Villa, S. Carli, C. Ferraresi, P. Cagnardi (2013). Pharmacokinetics and effects of alkalisation after intravenous administration of eltenac in horses. *Journal of Equine Veterinary Science*. 33 (12), 1142_1147. ISSN: 0737_0806 [I.F. 0.621] C. Ferraresi, L. Lucatello, V. Meucci, L. Intorre, G. Grilli, A. Piccirillo, E. Russo, R. Villa, C. Montesissa, P. Cagnardi (2013) Pharmacokinetic/Pharmacodynamic evaluation of the efficacy of flumequine in treating colibacillosis in turkeys. *Poultry Science*, 92 (12), 3158_3165, doi: 10.3382/ps.2013_03460. ISSN: 0032_5791 [n. cit. 2; I.F. 1.544] P. Cagnardi, C. Locatelli, C. Ferraresi, V. Bronzo, S. Carli, R. Villa, A. Zonca (2014) Milk pharmacokinetics and antimicrobial activity of cephalixin after intramammary administration in healthy and Staphylococcus aureus infected dairy cows. *New Zealand vet j* 62 (3), 146_151. doi: 10.1080/00480169.2013.865295. ISSN: 0048_0169 [n. cit. 1; I.F. 1.256] C. Ferraresi, R. Villa, G. Ravasio, A. Zonca, S. Carli, A. Pecile, D. Fonda, P. Cagnardi (2014) Pharmacokinetics and perioperative efficacy of intravenous ketorolac in horse. *Journal of Equine Veterinary Science*, 34, 870_875; doi:10.1016/j.jevs.2014.02.006. ISSN: 0737_0806 [n. cit. 2; I.F. 0.871] P. Cagnardi, C. Ferraresi, A. Zonca, A. Pecile, G. Ravasio, D. D. Zani, R. Villa (2014) Clinical pharmacokinetics of tramadol and main metabolites in horses undergoing orchiectomy. *Veterinary Quarterly*, 34 (3), 143_151; doi: 10.1080/01652176.2014.963208. ISSN: 0165_2176 [I.F. 0.719] R. Villa, G. Ravasio, C. Ferraresi, A. Zonca, S. Carli, L. Borghi, P. Cagnardi. (2015) Pharmacokinetics of intravenous ketorolac in cats undergoing gonadectomy. *New Zealand Veterinary Journal* 63(3), 162_166, doi: 10.1080/00480169.2014.987329, ISSN: 0048_0169 [I.F. 1.080]. L. Chiesa, S. Panseri, R. Pavlovic, F.T. Cannizzo, B. Biolatti, S. Divarib R. Villa and F. Arioli (2016) HPLC_ESI_MS/MS assessment of the tetrahydro_metabolites of cortisol and cortisone in bovine urine: promising markers of dexamethasone and prednisolone treatment. *Food additives & Contaminants (Part A)* 33(7), 1175_1189. DOI: 10.1080/19440049.2016.1202453. P. Cagnardi, R. Villa, G. Ravasio, L. Lucatello, F. Di Cesare, F. Capolongo, A. Boccardo, D. Pravettoni (2017) Pharmacokinetics and sedative effects of dexmedetomidine in dairy calves. *New Zealand Veterinary Journal* 65 (1) 14_18. ISSN 0048_0169 L.M. Chiesa, E. Pasquale, S. Panseri, D. Britti, R. Malandra, R. Villa, F. Arioli, F. (2017) Endogenous level of acetic acid in yellowfin tuna (*Thunnus albacares*): a pilot study about a possible controversy on its residue nature. *Food Additives & Contaminants (Part A)* 34(3), 321_329. ISSN 1944_0049 [I.F. 2.047]. (Study design) (Q2 Food sci. and Techn.). R.A. Abbiati, P. Cagnardi, G. Ravasioc, R. Villa, D. Manca (2017) A physiologically based model for tramadol pharmacokinetics in horses. *Journal of Theoretical Biology*, 429, 46–51. L.M. Chiesa, G.F. Labella, S. Panseri, D. Britti, F. Galbiati, R. Villa, F. Arioli, (2017) Accelerated solvent extraction by using an 'in_line' clean_up approach for multiresidue analysis of pesticides in organic honey. *Food Additives and Contaminants _ Part A Chemistry, Analysis, Control, Exposure and Risk Assessment*, 34(5), pp. 809_818. Cagnardi, P., Guccione, J., Villa, R., D'Andrea, L., Loria, A.D., Ferrante, M.C., Borriello, G., Zicarelli, L., Ciaramella, P. (2017). Clinical efficacy and pharmacokinetics of meloxicam in Mediterranean buffalo calves (*Bubalus bubalis*). *PLoS ONE*, 12 (10), Article number e0187252. [I.F. 2.766] Cagnardi, P., Di Cesare, F., Toutain, P._L., Bousquet_Mélou, A., Ravasio, G., Villa, R. (2018). Population pharmacokinetic study of cefazolin used prophylactically in canine surgery for susceptibility testing breakpoint determination. *Frontiers in Pharmacology* Volume 9, Issue OCT, 9 October 2018, Article number 1137. [I.F. N.A] Chiesa L., Arioli F., Pavlovic R., Villa R., Panseri S. (2019) Detection of nitrate and nitrite in different seafood. *Food Chemistry* 288, 361_367. Maria Nobile, Francesco Arioli, Radmila Pavlovic, Federica Ceriani, Shih_Kuo Lin, Sara Panseri, Roberto Villa & Luca Maria Chiesa (2019) Presence of emerging contaminants in baby food. *Food Additives & Contaminants: Part A* _ 37 (1), 131. Di Cesare, Federica, Gioeni, Daniela, Ravasio, Giuliano, Pellegrini, Alberto, Lucatello, Lorena, Bisutti, Vittoria, Villa, Roberto, Cagnardi, Petra (2019). Clinical pharmacokinetics of a dexmedetomidine-methadone combination in dogs undergoing routine anaesthesia after buccal or intramuscular administration. *JOURNAL OF VETERINARY PHARMACOLOGY AND THERAPEUTICS*, ISSN: 0140_7783, doi: 10.1111/jvp.12771 Di Cesare, Federica, Cagnardi, Petra, Villa, Roberto, Rabbogliatti, Vanessa, Lucatello, Lorena, Capolongo, Francesca, Gioeni, Daniela, Capasso, Michele, Magnone, William, Ravasio, Giuliano (2020). Dexmedetomidine and ketamine simultaneous administration in tigers (*Panthera tigris*) : pharmacokinetics and clinical effects. *VETERINARY RECORD OPEN*, vol. 7, p. 1_11, ISSN: 2052_6113, doi: 10.1136/vetreco_2020_000412. Chiesa, Luca Maria, Di Cesare, Federica, Nobile, Maria, Villa, Roberto, Decastelli, Lucia, Martucci, Francesca, Fontana, Mauro, Pavlovic, Radmila, Arioli, Francesco, Panseri, Sara (2021). Antibiotics and Non-Targeted Metabolite Residues Detection as a Comprehensive Approach toward Food Safety in Raw Milk. *FOODS*, vol. 10, 544, ISSN: 2304_8158, doi: 10.3390/foods10030544.

Projects

Memberships

Other Relevant Information