

PERSONAL INFORMATION **Juan Jose Garcia Vieitez**

WORK EXPERIENCE

August 2011- Present **Full Professor (Catedrático)**
University of León (Spain)
Teaching and research

October 1991-August 2011 **Titular Professor (Profesor Titular)**
University of León (Spain)
Teaching and research

EDUCATION AND TRAINING

October 1977-May 1980 **PhD in Pharmacy**
University of Santiago de Compostela (Spain)
Pharmacokinetics

October 1972-June 1977 **Degree in Pharmacy**
University of Santiago de Compostela (Spain)
Pharmacy

ADDITIONAL INFORMATION

Expertise Pharmacology: Pharmacokinetics/Pharmacodynamics

Publications GARCIA JF; DIEZ MJ; SAHAGUN AM; DIEZ R; SIERRA M; GARCIA JJ; LOPEZ C; FERNANDEZ N. Availability of antibiotics for veterinary use on the internet: A cross-sectional study. *Frontiers in Veterinary Science*. 8, pp. 798850 - 798860. 2022. ISSN 2297-1769

LOPEZ C; DIEZ R; RODRIGUEZ JM; SIERRA M; GARCIA JJ; FERNANDEZ N; DIEZ MJ; SAHAGUN AM. Determination of menbutone: Development and validation of a sensitive HPLC assay according to the European Medicines Agency Guideline. *Separations*. 9 - 4, pp. 84 - 92. 2022. ISSN 2297-8739

LOPEZ C; DIEZ R; RODRIGUEZ JM; SIERRA M; GARCIA JJ; FERNANDEZ N; DIEZ MJ; SAHAGUN AM. Development and validation of a sensitive HPLC assay for determination of sparfloxacin according to the European Medicines Agency Guideline. *Separations*. 9 - 8, pp. 223 - 231. 2022. ISSN 2297-8739

DIEZ R; CADENAS R; SUSPERREGUI J; SAHAGUN AM; FERNANDEZ N; GARCIA JJ; SIERRA M; LOPEZ C. Drug-related problems and polypharmacy in Nursing Home residents: A cross-sectional study. *International Journal of Environmental Research and Public Health*. 19 - 7, pp. 4313 - 4323. 2022. ISSN 1660-4601

GARCIA JF; ARRIBALZAGA S; DIEZ R; LOPEZ C; FERNANDEZ N; GARCIA JJ; DIEZ MJ; SECO-CALVO J; SIERRA M; SAHAGUN AM. Herbs as an active ingredient in sport: Availability and information on the Internet. *Nutrients*. 14 - 13, pp. 2764- 2789. 2022. ISSN 2072-6643

DIEZ R; DIEZ MJ; GARCIA JJ; RODRIGUEZ JM; LOPEZ C; FERNANDEZ N; SIERRA M; SAHAGUN AM. Improvement of albendazole bioavailability with menbutone administration in sheep. *Animals*. 12 - 4, pp. 463 - 472. 2022. ISSN 2076-2615

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DIEZ R; CADENAS R; SUSPERREGUI J; SAHAGUN AM; FERNANDEZ N; GARCIA JJ; SIERRA M; LOPEZ C. Potentially inappropriate medication and polypharmacy in Nursing Home residents: A cross-sectional study. *Journal of Clinical Medicine*. 11 - 13, pp. 3808 - 3820. 2022. ISSN 2077-0383

RODRIGUEZ JM; DIEZ MJ; SIERRA M; GARCIA JJ; FERNANDEZ N; DIEZ R; SAHAGUN AM. Distribution of flumequine in intestinal contents and colon tissue in pigs after its therapeutic use in

the drinking water. *Animals*. 11 - 6, pp. 1514 -1524. 2021. ISSN 2076-2615

CADENAS R; DIEZ MJ ;FERNANDEZ N ;GARCIA JJ ;SAHAGUN AM ;SIERRA M ;LOPEZ C ;SUSPERREGUI J ;DIEZ R. Prevalence and associated factors of polypharmacy in Nursing Home residents: A cross-sectional study. *International Journal of Environmental Research and Public Health*. 2021;18:2037-2045.

GARCIA JF, DIEZ MJ, SAHAGUN AM, DIEZ R, SIERRA M, GARCIA JJ, FERNANDEZ MN. The online sale of antibiotics for veterinary use. *Animals*. 2020;10:503.

COTO E, FERNANDEZ N, GARCIA JJ, DIEZ MJ, SAHAGUN AM, SIERRA M. Assessment of the antioxidant/hypolipidemic relationship of *Sideritis hyssopifolia* in an experimental animal model. *Molecules*. 2019;24:2049-59. doi: 10.3390/molecules24112049.

DIEZ R, GARCIA JJ, DIEZ MJ, SIERRA M, SAHAGUN AM, FERNANDEZ N. Influence of *Plantago ovata* husk (dietary fiber) on the bioavailability and other pharmacokinetic parameters of metformin in diabetic rabbits. *BMC Complement Altern M*. 2017;17:298

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SAHAGUN AM, VAQUERA J, GARCIA JJ, CALLE AP, DIEZ MJ, FERNANDEZ N, LORO JF, PORTILLA HO, SIERRA M. Study of the protective effect on intestinal mucosa of the hydrosoluble fiber *Plantago ovata* husk. *BMC Complement Altern Med*. 15:298, 2015.

DIEZ-LAIZ R, GARCIA VIEITEZ JJ, DIEZ-LIEBANA MJ, SIERRA-VEGA M, SAHAGUN-PRIETO AM, CALLE-PARDO AP, FERNANDEZ-MARTINEZ N. Evaluation of the association metformin: *Plantago ovata* husk in diabetic rabbits. *J Diabetes Res*.167526, 2015.

FERNANDEZ N; HERNANDEZ L; SIERRA M; DIEZ MJ; CALLE A; CARRIEDO D; SAHAGUN AM; ANGUERA A; GARCIA JJ. A randomised clinical trial to evaluate the effects of *Plantago ovata* husk in Parkinson patients: changes in levodopa pharmacokinetics and biochemical parameters. *BMC Complementary and Alternative Medicine*.14:296, 2014. ISSN 1471-2202

LOPEZ-CADENAS C; SIERRA-VEGA M; GARCIA-VIEITEZ JJ; DIEZ-LIEBANA MJ; SAHAGUN-PRIETO A; FERNANDEZ-MARTINEZ N. Enrofloxacin: Pharmacokinetics and Metabolism in Domestic Animal Species. *Current Drug Metabolism*. 14, 2013. ISSN 1389-2002

DIEZ R; GARCIA JJ; DIEZ MJ; SIERRA M; SAHAGUN A; CALLE AP; FERNANDEZ N. Hypoglycemic and hypolipidemic potential of a high fiber diet in healthy versus diabetic rabbits. *Biomed Research International*. 2013, pp. 960568. 2013. ISSN 1110-7243

FERNANDEZ MN; CRISTINA LOPEZ CADENAS; RAQUEL DIEZ LAIZ; GARCIA JJ; DIEZ MJ; SAHAGUN AM; SIERRA M. Drug interactions with the dietary fiber *Plantago ovata* husk. *Expert Opinion on Drug Metabolism & Toxicology*. 8, pp. 1373 - 1386. 2012. ISSN 1742-5255

CASTRO LJ; SAHAGUN AM; DIEZ MJ; FERNANDEZ MN; SIERRA M; GARCIA JJ. Pharmacokinetic behaviour of doxycycline after intramuscular injection in sheep. *The American Journal of Veterinary Research*.73, pp. 714 - 718. 2012. ISSN 0002-9645

LOPEZ C; FERNANDEZ MN; SIERRA M; DIEZ MJ; GONZALO-ORDEN, J. M.; SAHAGUN AM; GARCIA JJ. Tissue distribution of enrofloxacin after intramammary and systemic administration in the isolated perfused sheep udder. *The American Journal of Veterinary Research*.73, pp. 1729 - 1734. 2012. ISSN 0002-9645

FERNANDEZ MN; GARCIA JJ; DIEZ MJ; SAHAGUN AM; RAQUEL DIEZ LAIZ; SIERRA M. Effects of dietary factors on levodopa pharmacokinetics. *Expert Opinion on Drug Metabolism & Toxicology*. 6, pp. 1 - 10. 2010. ISSN1742-5255

FERNANDEZ MN; GARCIA JJ; DIEZ MJ; SAHAGUN AM; ARANZAZU GONZALEZ CANGA; RAQUEL DIEZ LAIZ;SIERRA M. Effects of slowed gastrointestinal motility on levodopa pharmacokinetics. *Autonomic Neuroscience:Basic and Clinical*. 156, pp. 67 - 72. 2010. ISSN 1566-0702

ARANZAZU GONZALEZ CANGA; FERNANDEZ MN; SAHAGUN AM; DIEZ MJ; SIERRA M; GARCIA JJ. A review of the pharmacological interactions of ivermectin in several animal species. *Current Drug Metabolism*. 10, pp. 359-368. 2009. ISSN 1875-5453

GARCIA JJ; FERNANDEZ MN; CALLE, A. P.; DIEZ MJ; SAHAGUN AM; SIERRA M. Effects of *Plantago ovata* husk on levodopa (with carbidopa) bioavailability in rabbits with autonomic gastrointestinal disorders. *Drug Metabolism and Disposition*. 37, pp. 1434 - 1442. 2009. ISSN 1521-009X

LUIS JOSE CASTRO ROBLES; SAHAGUN AM; DIEZ MJ; FERNANDEZ MN; SIERRA M; GARCIA JJ. Pharmacokinetics of doxycycline in sheep after intravenous and oral administration. *The Veterinary Journal*. 180, pp. 389 - 395. 2009. ISSN 10900233

ARANZAZU GONZALEZ CANGA; SAHAGUN AM; DIEZ MJ; FERNANDEZ MN; SIERRA M; GARCIA JJ. The pharmacokinetics and metabolism of ivermectin in domestic animal species. The Veterinary Journal. 179, pp. 25 - 37. 2009. ISSN 10900233

ARANZAZU GONZALEZ CANGA; SAHAGUN AM; DIEZ MJ; FERNANDEZ MN; SIERRA M; GARCIA JJ. The pharmacokinetic and interactions of ivermectin in humans- A mini review. AAPS Journal. 10, pp. 42 - 46. 2008. ISSN: 1550-7416

ARANZAZU GONZALEZ CANGA; SAHAGUN AM; DIEZ MJ; FERNANDEZ MN; SIERRA M; GARCIA JJ. Bioavailability of a commercial formulation of ivermectin after subcutaneous administration to sheep. The American journal of veterinary research.68, pp. 101 - 105. 2007. ISSN 00029645

ARANZAZU GONZALEZ CANGA; SAHAGUN AM; DIEZ MJ; FERNANDEZ MN; SIERRA M; GARCIA JJ. Pharmacokinetics of a novel formulation of ivermectin after administration to goats. The American journal of veterinary research.67, pp. 323 - 328. 2006. ISSN 00029645

GARCIA JJ; FERNANDEZ MN; DEMETRIO CARRIEDO ULE; DIEZ MJ; SAHAGUN AM; ARANZAZU GONZALEZ CANGA; CALLE, A. P.; SIERRA M. Hydrosoluble fiber (Plantago ovata husk) and levodopa I: Experimental study of the pharmacokinetic interaction. European Neuropsychopharmacology. 15, pp. 497 - 503. 2005. ISSN0924977X

FERNANDEZ MN; DEMETRIO CARRIEDO ULE; SIERRA M; DIEZ MJ; SAHAGUN AM; CALLE, A. P.; ARANZAZU GONZALEZ CANGA; GARCIA JJ. Hydrosoluble fiber (Plantago ovata husk) and levodopa II: Experimental study of the pharmacokinetic interaction in the presence of carbidopa. European Neuropsychopharmacology. 15, pp. 505 - 509. 2005. ISSN

Projects

PATENTS

Denominacion: Pharmaceutical composition comprising Plantago ovata and its use in the treatment of Parkinson's disease

Descripcion de cualidades: Pharmaceutical composition comprising Plantago ovata and its use in the treatment of Parkinson's disease

Inventores/autores/obtenedores: GARCIA JJ; FERNANDEZ MN; SIERRA M; ANNA ANGUERA A; MOLINERO C

Entidad titular: LABORATORIOS MADAUS CERAFARM, S.A.

Cod. de referencia/registro: WO/2007/131687

Fecha: 12/05/2006

Denominacion: Uso, composicion y preparacion de Plantago ovata

Descripcion de cualidades: Uso, composicion y preparacion de Plantago ovata

Inventores/autores/obtenedores: GARCIA JJ; FERNANDEZ MN; SIERRA M; ANGUERA A; MOLINERO C

Entidad titular: LABORATORIOS MADAUS CERAFARM, S.A.

Cod. de referencia/registro: PCT/EP200700410

Fecha: 12/05/2006

Memberships

Member of the Academia de Ciencias Veterinarias de Castilla y Leon (2015-present)

Member of the Spanish Society of Pharmacology (1991-present)

Member of the Spanish Association of Toxicology (1981-present)

Other Relevant Information