

Publications by Julia Winkler

1. Yoshida, K., Wilkins, J., **Winkler, J.**, Wade, J.R., Kotani, N., Wang, N., Sane, R., Chanu, P. Population Pharmacokinetics of Ipatasertib and Its Metabolite in Cancer Patients. *J Clin Pharmacol*. 2021 Jul 17; 61(12):1579–91
2. Kaiser, P.K., Kodjikian L., Korobelnik J.F., **Winkler, J.**, Torri, A., Zeitz, O., Vitti, R., Ahlers, C., Zimmermann, T., Dicioccio A.T., Höchel, J. 2019 Systemic pharmacokinetic/pharmacodynamic analysis of intravitreal aflibercept injection in patients with retinal diseases, *BMJ Open Ophthalmol*, 4 (1)
3. **Winkler, J.**, Schoemaker, R., Stockis, A. 2019 Population Pharmacokinetics of Adjunctive Lacosamide in Pediatric Patients With Epilepsy, *J Clin Pharmacol*, 59 (4), 541-547
4. **Winkler, J.**, Schoemaker, R., Stockis, A. 2019 Modeling and simulation for the evaluation of dose adaptation rules of intravenous lacosamide in children, *Epilepsy Res*, 149, 13-16
5. Llaudo, J., Anta, L., Ayani, I., Martinez-Gonzalez, J., Gutierrez, I., Faelens, R., **Winkler, J.**, Snoeck, E. 2016. Population pharmacokinetic modeling and simulations of dopamine D2 receptor occupancy of long-acting intramuscular risperidone-ISM, *Eur Psych*, 33 suppl, S572
6. **Winkler, J.**, Snoeck, E., Llaudo Garin, J. 2015. Population pharmacokinetic modeling and simulations of long-acting intramuscular risperidone ISM®, *Clin Ther*, 37(8), suppl, e3-e4
7. **Winkler, J.**, Goldammer, M., Ludwig, M., Rohde, B., Zurth, C. 2015. Pharmacokinetic drug-drug interaction between ethinyl estradiol and gestodene, administered as a transdermal fertility control patch, and two CYP3A4 inhibitors and a CYP3A4 substrate, *Eur J Drug Metab Pharmacokinet*, 40(4), 389-99
8. Niederal, C., Wendl, T., Kuepfer, L., Claassen, K., Loosen, R., Willmann, S., Lippert, J., Schultze-Mosgau, M., **Winkler, J.**, Burghaus, R., Bräutigam, M., Pietsch, H., Lengsfeld, P. 2013. Development of a physiologically based computational kidney model to describe the renal excretion of hydrophilic agents in rats, *Front Physio*, 3, 1-16
9. Hoever, P., de Haas, S., **Winkler, J.**, Schoemaker, R.C., Chiossi, E., van Gerven, J., Dingemans, J. 2010. Orexin receptor antagonism, a new sleep-promoting paradigm: an ascending single-dose study with almorexant, *Clin Pharmacol Ther*, 87(5), 593-600
10. Xu, J., **Winkler, J.**, Derendorf, H. 2008. Assessment of the Impact of Dosing Time on the Pharmacokinetics/Pharmacodynamics of Prednisolone, *AAPS J.*, 10 (2), 331-41
11. Sabarinath, S., Goyal, N., **Winkler, J.**, Rosenkranz, B., Derendorf, H. 2008. Population pharmacokinetics of the bradykinin B2 receptor antagonist icatibant in phase I and II clinical trials, *ACCP – 37th Annual Conference*, Vol. 48
12. Xu, J., **Winkler, J.**, Derendorf, H. 2007. A Pharmacokinetic/Pharmacodynamic Approach to Predict Total Prednisolone Concentrations in Human Plasma, *J Pharmacokinet Pharmacodyn*, 34(3), 355-72
13. Schermuly, R.T., Schulz, A., Ghofrani, H.A., Breitenbach, C.S., Weissmann, N., Hildebrand, M., **Kurz, J.**, Grimminger, F., Seeger, W. 2006. Comparison of Pharmacokinetics and Vasodilatory Effect of

Nebulized and Infused Iloprost in Experimental Pulmonary Hypertension: Rapid Tolerance Development, *Journal of Aerosol Medicine*, 19(3), 353-363

14. **Winkler, J.**, Hochhaus, G., Derendorf, H. 2004. How the lung handles drugs – pharmacokinetics and pharmacodynamics of inhaled corticosteroids, *Proc Am Thorac Soc*, 1, 356-63
15. Barth, J., **Winkler, J.**, Schumann, R., Nagaraja, N.V., Madabushi, R., Balbach, S., Derendorf, H., Möllmann, H, Mollenhof, G. 2004. Population pharmacokinetics of methylprednisolone in accident victims with spinal cord injury, *Int J Clin Pharmacol Ther*, 42, 9, 504-11
16. Schermuly, R.T., Schulz, A. Ghofrani, H.A., Meidow, A., Rose, F., Roehl, A., Weissmann, N., Hildebrand, M., **Kurz, J.**, Grimminger, F., Walmrath, D., Seeger, W. 2002. Pharmacokinetics and metabolism of infused versus inhaled iloprost in isolated rabbit lungs, *J Pharmacol Exp Ther*, 303, 2, 741-5

Conference presentations

1. **Winkler, J.**, Goteti, K., Van Bragt, T., Aydemir, A., Guehring, H., Schoemaker, R. Drug-disease model describing the effect of intraarticular injected sprifermin on cartilage thickness measured by magnetic resonance imaging in osteoarthritis patients. Poster presentation at Population Approach Group Europe (PAGE), 29 May - 1 June, 2018, Montreux, Switzerland
2. **Winkler, J.**, Schoemaker, R.C., Stockis, A. 2016. Population pharmacokinetics of lacosamide to support intravenous dose adaption in children with epilepsy. Poster presentation at Population Approach Group Europe (PAGE), June 7-10, 2016, Lisboa, Portugal
3. **Winkler, J.**, Schoemaker, R.C., Stockis, A. 2016. Population pharmacokinetics of the antiepileptic drug lacosamide in children aged 6 months to 17 years. Poster presentation at the 14. International Child Neurology Congress (ICNC), May 1-5, 2016, Amsterdam, The Netherlands
4. **Winkler, J.**, Schoemaker, R.C., Stockis, A. 2015. Lacosamide population pharmacokinetics in children from 6 months to 17 years of age. Poster presentation at the 31. International Epilepsy Conference (IEC), September 5-9, Istanbul, Turkey
5. **Winkler, J.**, Snoeck, E., Llaudo, J., Ayani, I., Martinez-Gonzalez, J., Gutierrez, I. 2015. Population pharmacokinetic modelling and simulations of long-acting intramuscular risperidone ISM®. Oral communication at the 12th Congress of the European Association for Clinical Pharmacology and Therapeutics (EACPT), June 27-30, Madrid, Spain
6. **Kurz, J.**, Nagaraja, N.V., Balbach, S., Derendorf, H., Hochhaus, G., Möllmann, H. Department of Pharmaceutics, College of Pharmacy, University of Florida, Gainesville, FL, University of Bochum, Germany. 2001 Pharmacokinetics of Methylprednisolone in Patients with Acute Spinal Cord Injury (Poster presentation at the AAPS – Annual Meeting in Denver, CO)
7. **Kurz, J.**, Bhattaram, V.A., Derendorf, H., Department of Pharmaceutics, College of Pharmacy, University of Florida, Gainesville, FL. 2002. Predictions of Dose-Dependent Pharmacokinetics of Prednisolone (Poster presentation at the GPEN Meeting at the University of Michigan, Ann Arbor, MI, November 2002 and at the AAPS – Annual Meeting in Toronto, Ontario, Canada, 2002)