

# Indivior Publications 2014

## Manuscripts

### Treatment of Schizophrenia

1. Laffont CM, Gomeni R, Heidbreder C, Fudala PJ, Nasser AF. Population pharmacokinetics and prediction of dopamine D2 receptor occupancy after multiple doses of RBP-7000, a new sustained-release formulation of risperidone, in schizophrenia patients on stable oral risperidone treatment. *Clin Pharmacokinet.* 2014;53(6):533-543. <http://dx.doi.org/10.1007/s40262-014-0132-7>

### Treatment of Substance Use Disorder

1. Bani M, Andorn A, Heidbreder C. Pharmacologically, are smokers the same as nonsmokers? *Curr. Opin. Pharmacol.* 2014;14:42-49. <http://dx.doi.org/10.1016/j.coph.2013.11.003>

### Rescue Medications

1. Liu Y, Zheng B, Strafford S, Orugunty R, Sullivan M, Gus J, Heidbreder C, Fudala PJ, Nasser A. Liquid chromatography/tandem mass spectrometry method for simultaneous determination of cocaine and its metabolite (-)ecgonine methyl ester in human acidified stabilized plasma samples. *J Chromatogr B Analyt Technol Biomed Life Sci.* 2014;961:77-85. <http://dx.doi.org/10.1016/j.jchromb.2014.04.052>
2. Nasser A, Fudala PJ, Zheng B, Liu Y, Chen Y, Heidbreder C. A randomized, double-blind, placebo-controlled trial of RBP-8000 in cocaine abusers: Pharmacokinetic profile of RBP-8000 and cocaine and effects of RBP-8000 on cocaine-induced Physiological effects. *J Addict Dis.* 2014;33(4):289-302. <http://dx.doi.org/10.1080/10550887.2014.969603>

### Treatment of Opioid Use Disorder

1. Nasser AF, Heidbreder C, Gomeni R, Fudala PJ, Zheng B, Greenwald MK. A population pharmacokinetic and pharmacodynamic modelling approach to support the clinical development of RBP-6000, a new, subcutaneously injectable, long-acting, sustained-release formulation of buprenorphine, for the treatment of opioid dependence. *Pharmacokinetics,* 2014;53(9):813-824. <http://dx.doi.org/10.1007/s40262-014-0155-0>

## Abstracts

### Treatment of Opioid Use Disorder

1. Nasser A, Heidbreder C, Fudala PJ, Sutton H, Zheng B, Greenwald MK. A model-based approach to evaluate the PK and mu-opioid receptor occupancy of RBP-6000, a once monthly depot formulation of buprenorphine. *Proceedings of the American Society for Clinical Pharmacology and Therapeutics (ASCPT).* Abstract: #14-A-113-ASCPT. Atlanta, GA; March 18-22, 2014.

## Treatment of Schizophrenia

1. Gomeni R, Laffont CM, Zheng B, Heidbreder C, Fudala PJ, Nasser A. A dose-switching simulation analysis from INVEGA® SUSTENNA® (paliperidone palmitate) or RISPERDAL® CONSTA® to RBP-7000, a new sustained released formulation of risperidone. Proceedings of the American Society for Clinical Pharmacology and Therapeutics (ASCPT). Abstract: #14-A-53-ASCPT. Atlanta, GA; March 18-22, 2014.
2. Min L, Heidbreder C, Fudala PJ, Nasser A. A model-based approach to characterize risperidone release, absorption, and disposition after administration of RBP-7000 in schizophrenic patients. Proceedings of the American Society for Clinical Pharmacology and Therapeutics (ASCPT). Abstract: #14-A-115-ASCPT. Atlanta, GA; March 18-22, 2014.
3. Li, M., Heidbreder, C., Fudala, P.J., Nasser A. (2014) A model-based approach to characterize risperidone release, absorption, and disposition after administration of RBP-7000 in schizophrenic patients. Proceedings of the American Society for Clinical Pharmacology and Therapeutics (ASCPT). Atlanta, GA; March 18-22, 2014.
4. Laffont CM, Gomeni R, Zheng B, Heidbreder C, Fudala PJ, Nasser AF. Population PK modeling and simulation to support dose selection of RBP-7000, a new sustained-release formulation of risperidone, in schizophrenic patients. Proceedings of the 23rd Meeting of the Population Approach Group in Europe (PAGE). Alicante, Spain; June 10-13, 2014.

## Other

1. Zheng B, Liu Y, Heidbreder C, Fudala PJ, Nasser A. A model-based approach to predict plasma/brain cocaine levels following RBP-8000, a double mutant bacterial cocaine esterase, administration in humans. Proceedings of the American Society for Clinical Pharmacology and Therapeutics (ASCPT). Abstract: #14-A-124-ASCPT. Atlanta, GA; March 18-22, 2014.
2. Chen Y, Zheng B, Liu Y, Heidbreder C, Fudala PJ, Nasser A. A double-blind, placebo-controlled study to evaluate the effects of RBP-8000 on cocaine PK and cocaine-induced physiological effects in cocaine users. Proceedings of the American Society for Clinical Pharmacology and Therapeutics (ASCPT). Abstract: #14-A-149-ASCPT. Atlanta, GA; March 18-22, 2014.