

## **AAPS Annual Meeting 2006, San Antonio**

### **Application Of Integrated Computational Pharmacophore Models And In Vitro Approaches To Rapidly Identify Novel P-Glycoprotein Ligands**

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### **Application Of Lactose To Formulations Intended For Direct Filling Into Hard Shell Capsules**

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### **Study Of Linear And Non-Linear Correlation Between Compression Force And Crushing Strength Of Theophylline Tablets Using NIR Spectroscopy**

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### **Evaluating Formulation Performance Differences Due To Formulation Parameter Changes Using Two Instrumented Capsule Filling Machines**

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### **Use Of Multivariate Data Analysis Tools To Understand The Key Formulation And Process Parameters In Capsule Filling Process On Two Types Of Automatic Machines**

L. Xie<sup>1</sup>, H. Wu<sup>2</sup>, M. Khan<sup>2</sup>, L. Augsburger<sup>1</sup>, A. Hussain<sup>3</sup>, S. Hoag<sup>1</sup>

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### **AT1002, Tight Junction Modulator Synthetic Peptide, As Enhancers For Bioavailability Of Cyclosporin A Via Intranasal Dosing**

Z. Teksin<sup>1</sup>, K. Song<sup>1</sup>, A. Fasano<sup>2</sup>, N. Eddington<sup>1</sup>

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## **Evaluation Of The Transport, In Vitro Metabolism And Pharmacokinetics Of Salvinorin A, A Potent Hallucinogen**

Z. Teksin<sup>1</sup>, I. Lee<sup>1</sup>, N. Nemieboka<sup>2</sup>, A. Othman<sup>1</sup>, V. Upreti<sup>1</sup>, S. Syed<sup>1</sup>, T. Prisinzano<sup>3</sup>, N. Eddington<sup>1</sup>

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## **Investigation Of Ion-Pair Mediated Transport Of Metoprolol Across Parallel Artificial Membrane Permeability Assay (PAMPA) Membranes**

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## **Effect Of The Six-Mer Synthetic Peptide (AT1002), Fragment Of Zonula Ocludens Toxin On The Intestinal Absorption Of Cyclosporin A**

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## **Enhanced Absorption Of Molecular Weight Markers On The Intra Nasal Administration By The Modified Peptide, AT1002**

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## **Stability Of Six-Mer Synthetic Peptide (AT1002) In Aqueous Solution**

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## **Characterization Of The Pharmacokinetic (PK) Drug Interaction Between 3,4-Methylenedioxymethamphetamine (MDMA, Ecstasy) And Fluoxetine (Prozac®).**

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## **Design Of A Unique Compacted Multiparticulate System For Modified Release**

S. Cantor, L. Augsburger  
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## **Effect Of EGb-761 On Adult Neurogenesis And Possible Mechanisms**

F. Tchantchou, Y. Xu, Y. Luo  
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## **Effect Of Endosomal Ph On The Recycling Of Riboflavin In Placental Trophoblasts**

L. Bareford, A. Ray, P. Swaan  
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## **Evaluations Of Renal Drug Transport And Drug-Induced Nephrotoxicity In A Human Kidney (HK-2) Model**

M. Kinjo, T. Dowling  
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## **Impurity Effect On Active Transport Parameter Estimates From Transport And Inhibition Studies**

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## **Influence Of P-Glycoprotein On Tolerance Development To Oxycodone In Rodents**

H. Hassan, A. Myers, I. Lee, A. Coop, N. Eddington  
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## **The Influence Of Tilt Angles On The Efficiencies Of Jet Nebulizers**

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## **A Novel Way To Increase The Efficiency Of Nasal Spray Pumps**

D. Doughty, R. Dalby  
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## **A Phospholipid-Based Inhalation System: Formulation And Characterization Of Particle Migration On Lung Epithelial Cell Surface**

S. Ganguly<sup>1</sup>, P. Shapiro<sup>1</sup>, S. Somaraju<sup>2</sup>, R. Dalby<sup>1</sup>  
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**In-Vitro Metabolism And In-Vivo Population Pharmacokinetics Of 4',4''-Dici BZT; A Benztropine Analog Behaviorally Distinct From Cocaine.**

A. Othman<sup>1</sup>, A. Newman<sup>2</sup>, N. Eddington<sup>1</sup>

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**Molecular Investigation Of Conformationally Sensitive Residues Within Membrane Spanning Domain 6 Of Human ASBT (Slc 10A2)**

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**Quality By Design: Application Of NIR Spectroscopy In Tablet Coating Process And Dissolution Testing For Blends Of Polyacrylates**

S. Hassannejad Tabasi<sup>1</sup>, R. Fahmy<sup>2</sup>, D. Bensley<sup>2</sup>, W. Marnane<sup>2</sup>, S. Hoag<sup>1</sup>

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**Quality By Design: Application Of NIR Spectroscopy To Monitor Manufacturing Process For Orbifloxacin Tablets**

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**Quality By Design: Prediction Of Curing Endpoint For Sustained Release Polymer Products Using NIR Spectroscopy And Multivariate Analysis**

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**Sirna Induced Silencing Of Dynamin 2 Significantly Reduces Riboflavin Absorption In Human Placental Trophoblasts**

A. Foraker<sup>1</sup>, A. Ray<sup>1</sup>, I. Lee<sup>1</sup>, T. Schmittgen<sup>2</sup>, P. Swaan<sup>1</sup>

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**Structural And Functional Analysis Of The Transmembrane Domain 4 Of The Apical Sodium-Dependent Bile Acid Transporter (Slc10A2) By Cysteine Scanning Mutagenesis**

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