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辻 彰 先生記念特集号 Dedicated Issue to Professor Akira Tsuji

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辻 彰 先生記念特集号の内容

Commentary

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PDZ adaptors: Their regulation of epithelial transporters and involvement in human diseases, Kato,

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Update on the Pharmacokinetics and Redox Properties of Protein Bound Uremic Toxins, Otagiri, Masaki et al.

Transcriptional regulation of organic anion transporting polypeptide SLCO4C1 as a new therapeutic modality to prevent chronic kidney disease, Suzuki. Takehiro et al.

Molecular Mechanisms of Mother-to-Fetus Transfer of Antiviral Drugs across the Placental Barrier, Tomi, Masatoshi et al.

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Solute Carrier Transporters as Targets for Drug Delivery and Pharmacological Intervention for Chemotherapy, Nakanishi, Takeo et al.

Research Article

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GM1 Expression in Caco-2 Cells: Characterisation of a Fundamental Passage-Dependent Transformation of a Cell Line, Jahn, Kristina et al.

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Structural features determining the intestinal epithelial permeability and efflux of novel HIV-1 protease inhibitors, Artursson, Per et al.

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Pharmacokinetics, Pharmacodynamics and Drug Metabolism

Effects of Uremic Toxins on Transport and Metabolism of Different Biopharmaceutics Drug Disposition Classification System (BDDCS) Xenobiotics. Benet. Leslie et al. Differential Effect of Grapefruit Juice on Intestinal Absorption of Statins Due to Inhibition of Organic Anion Transporting Polypeptide and/or P-Glycoprotein, Shirasaka, Yoshiyuki et al. Effect of Milk on the Pharmacokinetics of Oseltamivir in Healthy Volunteers, Morimoto, Kaori et al.

Cassette Dosing for Pharmacokinetic Screening in Drug Discovery: Comparison of Clearance, Volume of Distribution, Half-Life, Mean Residence Time and Oral Bioavailability Obtained by Cassette and Discrete Dosing in the Rat, Nagilla, Rakesh et al. Inter-individual differences in placental expression of the SLC22A2 (OCT2) gene: relationship to epigenetic variations in the 5'upstream regulatory region, leiri, Ichiro et al. A Randomized, Quadruple Crossover Single-Blind Study on Immediate Action of Chewed and Unchewed Low-dose Acetylsalicylic Acid Tablets in Healthy Volunteers, Sai, Yoshimichi et al. The Inner Blood-Retinal Barrier Mediates L-Isomer -Predominant Transport of Serine, Hosoya, Kenichi et al.

Comparison of Drug Permeabilities across the Blood-Retinal Barrier, Blood-Aqueous Humor Barrier, and Blood-Brain Barrier, Kawazu, Kouichi

Diphenhydramine active uptake at the bloodbrain barrier and its interaction with oxycodone in vitro and in vivo, Sadia,

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Functional characterization of rat plasma membrane monoamine transporter (PMAT) in the blood-brain barrier models, Deguchi, Yoshiharu et

Quantitative membrane protein expression at the blood-brain barrier of adult and younger cynomolgus monkeys, Terasaki, Tetsuya et al. Acute exposure to doxorubicin results in increased cardiac P-gp expression, Grube, Markus et al.

Enhancement of zidovudine transfer to Molt-4 cells, a human T cell model, by dehydroepiandrosterone sulfate, Nishimura, Tomohiro et al. Quantitative Analysis of Cysteine-34 on the Anitioxidative Properties of Human Serum Albumin in Hemodialysis Patients, Otagiri, Masaki et al. Accumulation of BNP7787 in Human Renal Proximal Tubule Cells, Hausheer, Frederick et al. Evaluation of transport mechanism of prodrug and parent drugs formed by intracellular metabolism in Caco-2 cells with carboxylesterase activity: temocapril as a model case Imai, Teruko et al.

The use of 13C-erythromycin as an in vivo probe to evaluate CYP 3A mediated-drug interactions in rats, Sugiyama, Erika et al.

Characterization of Human OCT1-Mediated Transport of DAPI as a Fluorescent Probe Substrate, Yuasa, Hiroaki et al.

Establishment of in vitro P-glycoprotein inhibition assay and its exclusion criteria to assess the risk of drug-drug interaction at the drug discovery stage, Sugimoto, Hiroshi et al.

Comprehensive Quantitative and Qualitative Liquid Chromatography Radioisotope Mass Spectrometry Analysis for safety testing of Tolbutamide metabolites without Standard Samples, Tozuka, Zenzaburo et al. Reliability and robustness of simultaneous absolute quantification of drug transporters, cytochrome P450 enzymes and UDPglucuronosyltranferases in human liver tissue by multiplexed MRM/SRM mode tandem mass spectrometry with nano-liquid chromatography (Nano-LC-MS/MS), Sakamoto, Atsushi et al.

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