

2013 年度 DMPK 賞決定のお知らせ

日本薬物動態学会
会長 鈴木洋史
編集委員長 玉井郁巳

2013 年度 DMPK 賞が決定致しましたので、お知らせ致します。最優秀論文賞第 1 位の論文につきましては、第 28 回年会時に授賞式を行います。

1. 編集委員が選ぶ最優秀論文賞

(DMPK Editors' Award for the Most Excellent Article in 2012)

【1st Place】

著者、所属：

Tomoyuki MIZUNO, Masahide FUKUDO, Tomohiro TERADA, Tomomi KAMBA, Eijiro NAKAMURA, Osamu OGAWA, Ken-ichi INUI, Toshiya KATSURA

(Department of Pharmacy, Kyoto University Hospital, Kyoto, Japan)

論文題目：

Impact of Genetic Variation in Breast Cancer Resistance Protein (*BCRP/ABCG2*) on Sunitinib Pharmacokinetics.

Drug Metabolism and Pharmacokinetics, **27**(6), 631-639 (2012)

【2nd Place】

著者、所属：

Shinya ENDO, Yasuyuki TOYODA, Tatsuki FUKAMI, Miki NAKAJIMA, Tsuyoshi YOKOI

(Drug Metabolism and Toxicology, Faculty of Pharmaceutical Sciences, Kanazawa University, Kanazawa, Japan)

論文題目：

Stimulation of Human Monocytic THP-1 Cells by Metabolic Activation of Hepatotoxic Drugs.

Drug Metabolism and Pharmacokinetics, **27**(6), 621-630 (2012)

【3rd Place】

著者、所属：

Yoshiaki TAKASHINA, Takafumi NAITO, Yasuaki MINO, Tatsuya YAGI, Kazunori OHNISHI, Junichi KAWAKAMI

(Department of hospital Pharmacy, Hamamatsu University School of Medicine, Hamamatsu, Japan)

論文題目：

Impact of CYP3A5 and ABCB1 Gene Polymorphisms on Fentanyl Pharmacokinetics and Clinical Responses in Cancer Patients Undergoing Conversion to a Transdermal System.

Drug Metabolism and Pharmacokinetics, **27**(4), 414-421 (2012)

2. ベストサイテーション論文賞 (Web of Science で集計)

(DMPK Award for the Most Frequently Cited Article in 2009)

1) Review Article

【1st Place】

著者、所属：

Brian J. ANDERSON, Nick H. G. HOLFORD

(Dept. Pharmacology & Clinical Pharmacology University of Auckland, Auckland, New Zealand)

論文題目：

Mechanistic Basis of Using Body Size and Maturation to Predict Clearance in Humans.

Drug Metabolism and Pharmacokinetics, **24**(1), 25-36 (2009)

【2nd Place】

著者、所属：

Masoud JAMEI, Gemma L DICKINSON, Amin ROSTAMI-HODJEGAN

(Royal Hallamshire Hospital, Sheffield, UK.)

論文題目：

A Framework for Assessing Inter-individual Variability in Pharmacokinetics Using Virtual Human Populations and Integrating General Knowledge of Physical Chemistry, Biology, Anatomy, Physiology and Genetics: A Tale of 'Bottom-Up' vs 'Top-Down' Recognition of Covariates.

Drug Metabolism and Pharmacokinetics, **24**(1), 53-75(2009)

【3rd Place】

著者、所属：Hiroyuki KUSUHARA, Yuichi SUGIYAMA

(Laboratory of Molecular Pharmacokinetics, Graduate School of Pharmaceutical Sciences, The University of Tokyo, Tokyo, Japan)

論文題目：

In vitro-in vivo Extrapolation of Transporter-mediated Clearance in the Liver and Kidney.

Drug Metabolism and Pharmacokinetics, **24**(1), 37-52 (2009)

2) Original Article

【1st Place】

著者、所属：

Saadi Abdul VAHAB, Supratim SEN, Nivedita RAVINDRAN, Sridevi MONY, Anila MATHEW, Neetha

VIJAYAN, Geetha NAYAK, Nalini BHASKARANAND, Moinak BANERJEE, Kapaettu SATYAMOORTHY

(Department of Biotechnology, Manipal Life Sciences Centre, Planetarium Complex, Manipal University, Manipal, India)

論文題目：

Analysis of Genotype and Haplotype Effects of *ABCB1* (*MDR1*) Polymorphisms in the Risk of Medically Refractory Epilepsy in an Indian Population.

Drug Metabolism and Pharmacokinetics, **24**(3), 255-260 (2009)

【2nd Place】

著者、所属：

Norie MURAYAMA, Naoki KANEKO, Kana HORIUCHI, Katsuhiko OHYAMA, Makiko SHIMIZU, Katuhiko ITO, Hiroshi YAMAZAKI

(Showa Pharmaceutical University, Machida, Japan)

論文題目：

Cytochrome P450-dependent Drug Oxidation Activity of Liver Microsomes from Microminipigs, A Possible New Animal Model for Humans in Non-clinical Studies.

Drug Metabolism and Pharmacokinetics, **24**(4), 404-408 (2009)

【3rd Place】

著者、所属：

Masuhiko NISHIMURA, Satoshi SUZUKI, Tetsuo SATOH, Shinsaku NAITO

(Preclinical Assessment Department, Research and Development Center, Otsuka Pharmaceutical Factory, Inc., Naruto, Japan)

論文題目：

Tissue-Specific mRNA Expression Profiles of Human Solute Carrier 35 Transporters.

Drug Metabolism and Pharmacokinetics, **24**(1), 91-99 (2009)