

2017 年度 DMPK 賞決定のお知らせ

日本薬物動態学会
会長 大森 栄
編集委員長 山崎浩史

2017 年度 DMPK 賞が決定致しましたので、お知らせ致します。編集委員が選ぶ最優秀論文賞第 1 位の論文につきましては、第 32 回年会時に授賞式を行います。編集委員が選ぶ最優秀論文賞 (DMPK Editors' Award for the Most Excellent Article in 2016)

3位が同点で3報

【1st Place】 Prediction of CNS occupancy of dopamine D2 receptor based on systemic exposure and in vitro experiments

Kanamitsu K., Arakawa R., Sugiyama Y., Suhara T., Kusuhara H.

Vol. 31 (2016) No. 6 p. 395-404

<http://www.sciencedirect.com/science/article/pii/S1347436716300441>

【2nd Place】 Investigation of utility of cerebrospinal fluid drug concentration as a surrogate for interstitial fluid concentration using microdialysis coupled with cisternal cerebrospinal fluid sampling in wild-type and Mdr1a(-/-) rats

Nagaya Y., Nozaki Y., Takenaka O., Watari R., Kusano K., Yoshimura T., Kusuhara H.

Vol. 31 (2016) No. 1 p. 57-66

<http://www.sciencedirect.com/science/article/pii/S1347436715000622>

【3rd Place】 Inhibition of mitogen-activated protein kinase kinase, DNA methyltransferase, and transforming growth factor- β promotes differentiation of human induced pluripotent stem cells into enterocytes

Kodama N., Iwao T., Kabeya T., Horikawa T., Niwa T., Kondo Y., Nakamura K., Matsunaga T.

Vol. 31 (2016) No. 3 p. 193-200

<http://www.sciencedirect.com/science/article/pii/S134743671600015X>

【3rd Place】 Development of a permeability-limited model of the human brain and cerebrospinal fluid (CSF) to integrate known physiological and biological knowledge: Estimating time varying CSF drug concentrations and their variability using in vitro data

Gaohua L., Neuhoff S., Johnson T.N., Rostami-Hodjegan A., Jamei M.

Vol. 31 (2016) No. 3 p. 224-233

<http://www.sciencedirect.com/science/article/pii/S1347436716300088>

【3rd Place】 Appropriate risk criteria for OATP inhibition at the drug discovery stage based on the clinical relevancy between OATP inhibitors and drug-induced adverse effect

Nakakariya M., Goto A., Amano N.

Vol. 31 (2016) No. 5 p. 333-339

<http://www.sciencedirect.com/science/article/pii/S1347436716300234>