

## 2018 年度 DMPK 賞決定のお知らせ

日本薬物動態学会  
会長 山崎浩史  
編集委員長 吉成浩一

2018 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 33 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 2017)

### 1st place

Quantitative prediction of therapeutic antibody pharmacokinetics after intravenous and subcutaneous injection in human

Kenta Haraya, Tatsuhiko Tachibana, Junichi Nezu

Volume 32, Issue 4, 2017, Pages 208-217

<https://doi.org/10.1016/j.dmpk.2017.05.002>

### 2nd place

Development of Caco-2 cells co-expressing CYP3A4 and NADPH-cytochrome P450 reductase using a human artificial chromosome for the prediction of intestinal extraction ratio of CYP3A4 substrates

Toru Takenaka, Kanako Kazuki, Naomoto Harada, Jiro Kuze, Masato Chiba, Takahiro Iwao, Tamihide Matsunaga, Satoshi Abe, Mitsuo Oshimura, Yasuhiro Kazuki

Volume 32, Issue 1, 2017, Pages 61-68

<https://doi.org/10.1016/j.dmpk.2016.08.004>

### 3rd place

Quantitative prediction of histamine H1 receptor occupancy by the sedative and non-sedative antagonists in the human central nervous system based on systemic exposure and preclinical data

Kayoko Kanamitsu, Yoshitane Nozaki, Yoko Nagaya, Yuichi Sugiyama, Hiroyuki Kusuhara

Volume 32, Issue 2, 2017, Pages 135-144

<https://doi.org/10.1016/j.dmpk.2016.11.007>