

## 研究成果の刊行に関する一覧表

## 書籍

著者氏名	論文タイトル名	書籍全体の編集者名	書 籍 名	出版社名	出版地	出版年	ページ
<u>Kojima H</u> , Sakai Y, Tanaka N	Japanese Contributions to the Development of Alternative Test Methods	Michael Balls, Robert Combes and Andrew Worth	The History of Alternative Test Methods in Toxicology	Elsevier	Netherlands	2019	79-85

## 雑誌

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Kobayashi-Tsukumo H, Oiji K, Xie D, Sawada Y, Yamashita K, Ogata S, <u>Kojima H</u> , Itagaki H	Eliminating the contribution of lipopolysaccharide to protein allergenicity in the human cell-line activation test (h-CLAT)	J Toxicol Sci.	44(4)	283-297	2019
荻原 琢男, 細野 麻友, <u>小島 肇</u>	ヒト肝細胞の3次元培養スフェロイドモデルの新展開	日本薬理学雑誌	153(5)	235-241	2019
Fujita M, Yamamoto Y, Watanabe S, Sugawara T, Wakabayashi K, Tahara Y, Horie N, Fujimoto K, Kusakari K, Kurokawa Y, Kawakami T, Kojima K, Sozu T, Nakayama T, Kusao T, Richmond J, Nicole K, Kim BH, <u>Kojima H</u> , Kasahara T, Ono A	The within- and between-laboratory reproducibility and predictive capacity of the in chemico amino acid derivative reactivity assay: Results of validation study implemented in four participating laboratories	J Appl Toxicol.	39(11)	1492-1505	2019
Mizoi K, Hosono M, <u>Kojima H</u> , Ogihara T	Establishment of a primary human hepatocyte spheroid system for evaluating metabolic toxicity using dacarbazine under conditions of CYP1A2 induction	Drug Metab Pharmacokinet	35	201-206	2020

<p>Akimoto M, Yamamoto Y, Watanabe S, Yamaga H, Yoshida K, Wakabayashi K, Tahara Y, Horie N, Fujimoto K, Kusakari K, Kamiya K, Kojima K, Kawakami T, <u>Kojima H</u>, Ono A, Kasahara T, Fujita M</p>	<p>Oxidation of a cysteine-derived nucleophilic reagent by dimethyl sulfoxide in the amino acid derivative reactivity assay</p>	<p>J Appl Toxicol</p>	<p>40(6)</p>	<p>843-854</p>	<p>2020</p>
<p>Marx U, Akabane T, Andersson TB, Baker E, Beilmann M, Beken S, Brendler-Schwaab S, Cirit M, David R, Dehne EM, Durieux I, Ewart L, Fitzpatrick SC, Frey O, Fuchs F, Griffith LG, Hamilton GA, Hartung T, Hoeng J, Hogberg H, Hughes DJ, Ingber DE, Iskandar A, Kanamori T, <u>Kojima H</u>, Kuehnl J, Leist M, Li B, Loskill P, Mendrick DL, Neumann T, Pallocca G, Rusyn I, Smirnova L, Steger-Hartmann T, Tagle DA, Tonevitsky A, Tsyb S, Trapecar M, Van de Water B, Van den Eijnden-van Raaij J, Vulto P, Watanabe K, Wolf A, Zhou X, Roth A</p>	<p>Biology-inspired microphysiological systems to advance patient benefit and animal welfare in drug development</p>	<p>ALTEX.</p>	<p>Online ahead of print.</p>	<p>doi: 10.14573/alt ex.2001241</p>	<p>2020</p>

Kimura Y, Yasuno R, Watanabe M, Kobayashi M, Iwaki T, Fujimura C, Ohmiya Y, Yamakage K, Nakajima Y, Kobayashi M, Mashimo N, Takagi Y, Omori T, Corsini E, Germolec D, Inoue T, Rogen EL, <u>Kojima H</u> , <u>Aiba S</u>	An international validation study of the IL-2 Luc assay for evaluating the potential immunotoxic effects of chemicals on T cells and a proposal for reference data for immunotoxic chemicals	Toxicol In Vitro	66	doi: 10.1016/j.tiv.2020.104832	2020
Hidaka T, Fujimura T, <u>Aiba S</u>	Aryl hydrocarbon receptor modulates carcinogenesis and maintenance of skin cancers	Frot Med	6	doi: 10.3389/fmed.2019.00194	2019
Iyama Y, Sato H, Seto Y, <u>Onoue S</u>	A new photosafety screening strategy based on in chemico photoreactivity and in vitro skin exposure for dermally-applied chemicals	Toxicology Letters	317	45-52	2019
Seto Y, Ueno K, Suzuki H, Sato H, <u>Onoue S</u>	Development of novel lutein nanocrystal formulation with improved oral bioavailability and ocular distribution	Journal of Functional Foods	61	<a href="https://doi.org/10.1016/j.jff.2019.103499">https://doi.org/10.1016/j.jff.2019.103499</a>	2019
Nagayasu M, Ozeki K, <u>Onoue S</u>	Three-Compartment Model Analysis with Minimal Sampling Points in the Caco-2 Permeability Assay	Biological Pharmaceutical Bulletin	42(9)	1600-4	2019
Yamada S, Kuraoka S, Ito Y, Kato Y, <u>Onoue S</u>	Muscarinic receptor binding of fesoterodine, 5-hydroxymethyl tolterodine, and tolterodine in rat tissues after the oral, intravenous, or intravesical administration	Journal of Pharmacological Sciences	140(1)	73-78	2019
Yamada T, Kumai Y, Kodama H, Nishimoto K, Miyamaru S, <u>Onoue S</u> , Orita Y	Effect of pirfenidone injection on ferret vocal fold scars: A preliminary in vivo study	Laryngoscope	130(3)	726-731	2020

Uchida A, Ohtake H, Suzuki Y, Sato H, Seto Y, <u>Onoue S</u> , Oguchi T	Photochemically stabilized formulation of dacarbazine with reduced production of algogenic photodegradants	International Journal of Pharmaceutics	564(10)	492-8	2019
Iyama Y, Sato H, Seto Y, <u>Onoue S</u>	Photochemical and pharmacokinetic characterization of orally administered chemicals to evaluate phototoxic risk	Journal of Pharmaceutical Sciences	108(3)	1303-8	2019
Nagayasu M, Ozeki K, Sakurai Y, Tsutsui H, <u>Onoue S</u>	Simplified method to determine the efflux ratio on P-glycoprotein substrates using three-compartment model analysis for Caco-2 cell assay data	Pharmaceutical Research	37(1)	doi: 10.1007/s11095-019-2729-x.	2019
Halder S, Suzuki H, Seto Y, Sato H, <u>Onoue S</u>	Megestrol acetate-loaded self-micellizing solid dispersion system for improved oral absorption and reduced food effect	Journal of Drug Delivery Science and Technology	49	586-93	2019
Saito S, Osamura T, Kikuoka H, Tanino T, <u>Onoue S</u>	BIND, a novel analytical approach for monitoring powder adhesion at the die wall with use of the surface replication method	International Journal of Pharmaceutics	567	doi: 10.1016/j.ijpharm.2019.118467.	2019
Sato H, Kaneko Y, Yamada K, Ristroph KD, Lu HD, Seto Y, Chan HK, Prud'homme RK, <u>Onoue S</u>	Polymeric Nanocarriers With Mucus-Diffusive and Mucus-Adhesive Properties to Control Pharmacokinetic Behavior of Orally Dosed Cyclosporine A	Journal of Pharmaceutical Sciences	190(2)	1079-1085	2020
Iyama Y, Sato H, Seto Y, <u>Onoue S</u>	Strategic photosafety screening system consisting of in chemico photoreactivity and in vitro skin exposure for quinolone derivatives	European Journal of Pharmaceutical Sciences	146	105257	2020

Seto Y, Ohtake H, Sato H, <u>Onoue S</u>	Phototoxic risk assessment of dermally-applied chemicals with structural variety based on photoreactivity and skin deposition	Regulatory Toxicology and Pharmacology	113	doi: 10.1016/j.yrtph.2020.104619.	2020
<u>Sugiyama K</u> , Furusawa H, Honma M	Detection of epigenetic effects of citrinin using a yeast-based bioassay	Mycotoxin Res.	35	363-36	2019
<u>Matsushita K</u> , Toyda T, Yamada T, Morikawa T, Ogawa K	Comprehensive expression analysis of mRNA and microRNA for investigation of compensatory mechanisms in the rat kidney after unilateral nephrectomy	Journal of Applied Toxicology	Online ahead of print	doi: 10.1002/jat.3990	2020
Jojima K, <u>Yamada T</u> , Hirose A	Development of a hepatotoxicity prediction model using in vitro assay data of key molecular events	Fundam. Toxicol. Sci.	6	327-32	2019
Inoue K, Suzuki H, <u>Yamada T</u>	Comprehensive toxicity evaluation of cyclopentyl methyl ether (CPME) for establishing a permitted daily exposure level	Fundam Toxicol Sci.	6	145-165	2019
<u>Yamada T</u> , Matsumoto M, Miura M, Hirose A	Case study on the use of integrated approaches to testing and assessment for testicular toxicity of ethylene glycol methyl ether (EGME)-related chemicals	Organisation for Economic Co-operation and Development (OECD), Series on Testing & Assessment	308	1-75	2019

Patlewicz G, Lizarraga LE, Rua D, Allen DG, Daniel AB, Fitzpatrick SC, Garcia-Reyero N, Gordon J, Hakkinen P, Howard AS, Karmaus A, Matheson J, Mumtaz M, Richarz A, Ruiz P, Scarano L, <u>Yamada T</u> , Kleinstreuer N	Exploring current read-across applications and needs among selected U.S. Federal Agencies	Regul. Toxicol. Pharmacol.	106	197-209	2019
Tachibana K, Kass GEN, Ono A, <u>Yamada T</u> , Tong W, Doerge DR, Yamazoe Y	A Summary Report of FSCJ Workshop "Future Challenges and Opportunities in Developing Methodologies for Improved Human Risk Assessments"	Food Safety	7	83-89	2019
<u>山田隆志</u> , <u>足利 太可雄</u> , <u>小島肇</u> , <u>広瀬明彦</u>	AOP (Adverse Outcome Pathway; 有害性発現 経路) に基づいた化学 物質の安全性評価へ向 けたチャレンジ	YAKUGAKU ZASSHI	140	481-484	2020
田邊思帆里, <u>広瀬明彦</u> , Maurice Whelan, <u>山田隆志</u>	遺伝子ネットワーク解 析による分子パスウェ イ解明及びAOP開発状 況について	YAKUGAKU ZASSHI	140	485-489	2020