

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
小島 肇	皮膚・粘膜毒性		トキシコロジー —第3版	朝倉書店	東京	2018	279-286
小島 肇	動物実験代替法		トキシコロジー —第3版	朝倉書店	東京	2018	320-325
小島 肇	第1章 利用できる細胞の種類, 細胞ソース, 第1節 in vitro実験の重要性と培養細胞の選択方法		創薬のための細胞利用技術の最新動向と市場	(株)シーエムシー・リサーチ	東京	2018	3-6
Kojima H, Sakai Y, Tanaka N	Japanese Contributions to the Development of Alternative Test Methods		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
Kimura, Y., Fujimura, C., Ito, Y., Takahashi, T., Terui, H., Aiba, S.	Profiling the immunotoxicity of chemicals based on in vitro evaluation by a combination of the Multi-ImmunoTox assay and the IL-8 Luciferase assay.	Arch Toxicol	92	2043-2054	2018
Kimura, Y., Watanabe, M., Suzuki, N., Iwaki, T., Yamakage, K., Saito, K., Nakajima, Y., Fujimura, C., Ohmura, Y., Omori, T., Kojima, H., Aiba, S.	The performance of an in vitro skin sensitisation test, IL-8 Luciferase assay (OECD 442E), and the integrated approach with direct peptide reactive assay (DPR) for skin sensitisation.	J Toxicol Sci	43	741-749	2018

Casati, S., Asc hberger, K., Bar rroso, J., Case y, W., Delgado, I., Kim, T.S., Kleinstreuer, N., <u>Kojima, H.</u> , Lee, J.K., Low it, A., Park, H.K., Regimbald -Krnel, M.J., Sds. trickland, J., Whelan, M., Yan g, Y., Zuang, V.	Standardisation of defined approaches for skin sensitisa tion testing to supp ort regulatory use and international a doption: position o f the International Cooperation on Alt ernative Test Metho ds.	Arch Toxicol	92	611-617	2018
Daniel, A.B., S trickland, J., Allen, D., Casa ti, S., Zuang, V., Barroso, J., Whelan, M., Regimbald-Krne l, M.J., <u>Kojim a, H.</u> , Nishikaw a, A., Park, H. K., Lee, J.K., Kim, T.S., Delg ado, I., Rios, L., Yang, Y., W ang, G., Kleins treuer, N.	International regul atory requirements for skin sensitizat ion testing.	Regul Toxicol Pharmacol	95	52-65	2018
Fujita, M., Yam amoto, Y., Wata nabe, S., Sugaw ara, T., Wakaba yashi, K., Tah ara, Y., Horie, N., Fujimoto, K., Kusakari, K., Kurokawa, Y., Kawakami, T., Kojima, K., <u>Kojima, H.</u> , On o, A., Katsuok a, Y., Tanabe, H., Yokoyama, H., Kasahara, T.	Cause of and counte rmeasures for oxidat ion of the cystein e-derived reagent u sed in the amino ac id derivative react ivity assay.	J Appl Toxicol.	39	191-208	2019
Koyama, S., Ara kawa, H., Itoh, M., Masuda, N., Yano, K., <u>K ojima, H.</u> , Ogih ara, T.	Evaluation of the m etabolic capability of primary human h epatocytes in three -dimensional cultur es on microstructur al plates.	Biopharm Dru g Dispos	39	187-195	2018

Narita, K., Ishii, Y., Vo, P.T.H., Nakagawa, F., Ogata, S., Yamashita, K., <u>Kojima, H.</u> , Itagaki, H.	Improvement of human cell line activation test (h-CLAT) using short-time exposure methods for prevention of false-negative results.	J Toxicol Sci	43	229-240	2018
Tsukumo, H., Matsunari, N., Yamashita, K., <u>Kojima, H.</u> , Itagaki, H.	Lipopolysaccharide interferes with the use of the human Cell Line Activation Test to determine the allergic potential of proteins.	J Pharmacol Toxicol Methods	92	34-42	2018
中村和昭, 諫田泰成, 山崎大樹, 片岡 健, 青井貴之, 中川誠人, 藤井万紀子, 阿久津英憲, 末盛博文, 浅香 勲, 中村幸夫, 小島 肇, 伊藤弓弦, 関野祐子, 古江一楠田美保	「培養細胞の観察の基本原則」の提案	組織培養研究	37	123-131	2018
小島 肇	化学物質や医薬品などの安全性評価に用いる動物実験代替法の技術開発の現状と展望	イルシーJapan	136	23-31	2018
Mitachi T, Kouzui M, Maruyama R, Yamashita K, Ogata S, <u>Kojima H.</u> , Itagaki H	Itagaki H: Some non-sensitizers upregulate CD54 expression by activation of the NLRP3 inflammasome in THP-1 cells.	J Toxicol Sci	44	213-224	2019
小島 肇	化学物質の毒性評価方法の現状と今後	化学物質と環境	154	1-3	2019
Hidaka, T., Fujimura, T., <u>Aiba, S.</u>	Aryl hydrocarbon receptor modulates carcinogenesis and maintenance of skin cancers.	Front Med	6	194-	2019
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	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	235-241	2019
<u>小島 肇</u>	化粧品の安全性評価における国内外の動向	フレグランスジャーナル	9	17-22	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 B H, <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	1492-1505	2019
<u>Kojima H</u> , Yamaguchi H, Sozu T, Kleinstreuer N, Chae-Hyung L, Chen W, Watanabe M, Fukuda T, Yamashita K, Takezawa T	Multi-laboratory Validation Study of the Vitrigel-Eye Irritancy Test Method as an Alternative to <i>In Vivo</i> Eye Irritation Testing	Altern Lab Anim.	47	140-157	2019
Mizoi K, Hosono M, <u>Kojima H</u> , Ogiwara T	Establishment of a primary human hepatocyte spheroid system for evaluating metabolic toxicity using dacarbazine under conditions of CYP1A2 induction.	Drug Metab Pharmacokin	P35	201-206	2020
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	Oxidation of a cysteine-derived nucleophilic reagent by dimethyl sulfoxide in the amino acid derivative reactivity assay.	J Appl Toxicol.	40	843-854	2020

<p>Marx U, Akabane T, Andersson T, 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, Kojima H, Kuehnl J, Leist M, Lieb, 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, Watanaabe 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>37</p>	<p>365-394</p>	<p>2020</p>
<p>Kimura, Y., Yasuno, R., Watanabe, M., Kobayashi, M., Iwaki, T., Fujimura, C., Ohmiya, Y., Yamakage, K., Nakajima, Y., Kobayashi, M., Murohashi, N., Takagi, Y., Omori, T., Corsini, E., Germolec, D., Inoue, T., Rogen, E.L., Kojima, H., Aiba, S.</p>	<p>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.</p>	<p>Toxicol In V66</p>	<p>66</p>	<p>104832</p>	<p>2020</p>

Kimura, Y., Fujimura, C., Aiba, S.	The modified IL-8 Luciferase assay, an in vitro skin sensitization test, can significantly improve the false-negative judgment of lipophilic sensitizers with logKow values > 3.5	Arch Toxicol	95	749-758	2021
Terui, H., Kimura, Y., Fujimura, C., Aiba, S.	The IL-1 promoter-driven luciferase reporter cell line THP-Glb can efficiently predict skin-sensitizing chemicals	Arch Toxicol	in press		2021
Suzuki, S., Ohtsuka, K., Nakajima, Y., Shigetoh, H., Abe, H., Kawai, A., Miura, R., Kazuki, Y., Oshimura, M., Miki, T.	Meganuclease-Based Artificial Transcription Factors.	ACS Synth Biol	9	2679-2691	2020
Suyama, A., Murotomi, K., Arai, S., Ariyasu, T., Mitsuzumi, H., Nakajima, Y.	Brain degeneration suspected of hepatic encephalopathy associated with early nonalcoholic steatohepatitis in TSOD mice	Kyusyu J Exp Animals	36	13-22	2020
Hashimoto, M., Yokota, A., Kajimoto, K., Matsumoto, M., Tatsumi, A., Nakajima, Y., Mita, T., Minakawa, N., Oka, H., Kataoka, M.	Highly sensitive and rapid quantitative detection of Plasmodium falciparum using an image cytometer	Microorganisms	8	1769	2020
中島芳浩	人工染色体ベクターを用いた発光安定細胞の樹立と利用	細胞	52	416-419	2020
山田 隆志, 足利 太可雄, 小島 肇, 広瀬 明彦	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(4)	481-484	2020

小島 肇	世界の化粧品における安全性評価の現状と日本の立ち位置ー今後の代替法の見通し	フレグランスジャーナル	9	30-36	2020
小島 肇	OECD試験法ガイドライン開発におけるCERIの国際貢献	CERI NEWS	90	2-3	2020
小島 肇	AOP及びIATAに基づく安全性評価手法の進捗	JETOC 40周年記念誌		71-101	2020
Mizoi K, Arakawa H, Yano K, Koyama S, <u>Kojima H</u> , Ogiwara T	Utility of Three-Dimensional Cultures of Primary Human Hepatocytes (Spheroids) as Pharmacokinetic Models	J Biomedicine	8(10)	374	2020
Kato Y, Yamamoto N, Hiramatsu N, Sato A, <u>Kojima H</u>	Inhouse Fabrication of a Reconstructed Human Corneal Epithelium Model for Use in Testing for Eye Irritation Potential	Applied in Vitro Toxicology	6(3)		2020
高橋祐次, 小島肇, 栗原正明, 笠原利彦, 若栗忍, 萩野滋延, 本山径子	急性経口毒性を予測するための in vitro 細胞毒性試験	AATEX-JaCVAM	9(1)	1-34	2020
山本直樹, 小島肇, 佐々木正治, 竹内小苗, 波多野浩太, 森村智美	2018年改定 OECD TG 438ニワトリ眼球を用いた眼刺激性試験 (Isolated Chicken Eye Test: ICE 法)	AATEX-JaCVAM	9(1)	35-42	2020
足利太可雄, 小島肇, 平林容子	日本動物実験代替法評価センター (JaCVAM) 令和元年度報告書	AATEX-JaCVAM	9(1)	58-64	2020
尾上誠良, 上月裕一, 豊田明美, 笛木修, 細井一弘, 小島肇, 足利太可雄, 小野寺博志	光安全性評価の現状と課題	YAKUGAKU ZASSHI	141(1)	111-124	2021