

研究業績

論文等

毒性学

Effects of tris(1,3-dichloro-2-propyl) phosphate on epididymal sperm parameters in adult male rats

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J. Vet. Med. Sci., 2022; **84**: 153-156, <https://doi.org/10.1292/jvms.21-0046>

Fully hydrogenated canola oil extends lifespan in stroke-prone spontaneously hypertensive rats

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Lipids Health Dis, 2021; **20**: 102, <https://doi.org/10.1186/s12944-021-01540-7>

Dietary rapeseed (canola) oil suppresses testosterone production and increases plasma aldosterone level in stroke-prone spontaneously hypertensive rats (SHRSP)

Nishikawa M¹, Ohara N^{1*}, Naito Y², Amma C¹, Saito Y, Tatematsu K³, Baoyindugurong J⁴, Miyazawa D¹, Hashimoto Y⁵, Okuyama H¹

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Fundam. Toxicol. Sci., 2022; **9**: 7-16

Rapeseed (canola) oil aggravates metabolic syndrome-like conditions in male but not in female stroke-prone spontaneously hypertensive rats (SHRSP)

Nishikawa M¹, Ohara N^{1*}, Naito Y², Saito Y, Amma C¹, Tatematsu K³, Baoyindugurong J⁴, Miyazawa D¹, Hashimoto Y⁵, Okuyama H¹

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Toxicol. Rep., 2022; **9**: 256-268

環境毒性学

Toxicological effects of Tris (1,3-dichloro-2-propyl) phosphate exposure in adult male rats differ depending on the history of exposure in the neonatal period

Akimoto T¹, Kobayashi S^{1,2}, Nakayama A¹, Isobe A¹, Abe K¹, Hatakeyama T^{1,2}, Ohta R, Yanagisawa R³, Koike E⁴, Suzuki N⁴, Kawaguchi M¹

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Maiko Kawaguchi

J. Appl. Toxicol., 2022; **42**: 1503-1509

形成外科学

Artificial red blood cells increase large vessel wall damage and decrease surrounding dermal tissue damage in a rabbit auricle model after subsequent flashlamp-pumped pulsed-dye laser treatment

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J. Dermatol., 2021; **48**: 600-612

動物実験代替法

Within- and between-laboratory reproducibility and predictive capacity of amino acid derivative reactivity assay (ADRA) using 4 mM test chemical solution: Results of ring-study implementation from five participating laboratories

Short title

WLR, BLR and predictive capacity in ADRA (4 mM) ring study

Fujita M^{1*}, Yamamoto Y¹, Wanibuchi S¹, Watanabe S², Yamaga H², Wakabayashi K³, Tahara Y³, Horie N⁴, Fujimoto K⁴, Takeuchi K⁵, Kamiya K⁵, Kawakami T⁶, Kojima K, Sozu Takashi⁷, Kojima H⁸, Kasahara T¹, Ono A⁹

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J. Appl. Toxicol., 2022; **43**: 318-333

Within- and between-laboratory reproducibility and predictive capacity of amino acid derivative reactivity assay (ADRA) using a 0.5 mg/ml test chemical solution: Results of the study for reproducibility confirmation implemented in five participating laboratories

Short title

WLR, BLR and predictive capacity of ADRA (0.5 mg/ml)

Yamamoto Y^{1*}, Fujita M¹, Watanabe S², Yamaga H², Wakabayashi K³, Tahara Y³, Horie N⁴, Fujimoto K⁴, Takeuchi K⁵, Kamiya K⁵, Kawakami T⁶, Kojima K, Sozu T⁷, Kojima H⁸, Kasahara T¹, Ono A⁹

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J. Appl. Toxicol., 2022; **42**: 1078-1090

皮膚感作性試験代替法 Interleukin-8 Reporter Gene Assay (IL-8 Luc assay) 評価報告書

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AATEX-JaCVAM, 2021; **10**: 49-68

Behavior of chemical respiratory sensitizers in *in vitro* methods for skin sensitization

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AATEX, 2021; **26**: 9-18

行動学

Alterations between high and low-avoidance lines of Hatano rats in learning behaviors, ultrasonic vocalizations, and histological characteristics in hippocampus and amygdala

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Physiol Behav., 2022; **245**: 113670, <https://doi.org/10.1016/j.physbeh.2021.113670>

 学会発表等

食品衛生学
ELISA法による特定原材料(落花生)の測定における阻害因子の解析と改良抽出法の検討

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日本食品化学学会 第27回学術大会, 2021年6月10日~2021年6月11日(Web開催)

台所用洗浄剤における改良メタノール分析法の検討および室間共同実験

 阿部 裕¹, 阿部智之², 大野浩之³, 大橋公泰², 尾崎麻子³, 風間貴充², 片岡洋平¹, 鈴木公美³, 永井慎一郎², 花澤耕太郎², 早川雅人², 平林尚之, 山口未来¹, 渡辺一成², 六鹿元雄¹, 佐藤恭子¹
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日本食品衛生学会 第117回学術講演会, 2021年10月26日~2021年11月2日(Web開催)

器具・容器包装の溶出試験における改良ビスフェノールA分析法の室間共同実験

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日本食品衛生学会 第117回学術講演会, 2021年10月26日~2021年11月2日(Web開催)

動物実験代替法
皮膚感作性試験代替法 Epidermal Sensitization Assay(EpiSensA)のValidation研究

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日本動物実験代替法学会 第34回大会, 2021年11月11日~2021年11月13日(Web開催)