

Monthly Reports of JaCVAM Activities (Feb. 2020)

NO.	Items	Contents
Reports published in journals		
1	Authors	Akimoto M ¹ , Yamamoto Y ¹ , Watanabe S ² , Yamaga H ² , Yoshida K ² , Wakabayashi K ³ , Tahara Y ³ , Horie N ⁴ , Fujimoto K ⁴ , Kusakari K ⁵ , Kamiya K ⁵ , Kojima K ⁶ , Kawakami T ⁷ , Kojima H ⁸ , Ono A ⁹ , Kasahara T ¹ , Fujita M ¹ .
	Affiliations	¹ Fujifilm Corporation, Safety Evaluation Center ² Lion Corporation, Safety Science Research Laboratory ³ Mitsui Chemicals, Inc. Chemical Safety Department ⁴ Sumitomo Chemical Co. Ltd. Environmental Health Science Laboratory ⁵ Nissan Chemical Corporation, Biological Research Laboratories, ⁶ Food and Drug Safety Center, Hatano Research Institute ⁷ Division of Environmental Chemistry, National Institute of Health Sciences ⁸ Biological Safety Research Center, Division of Risk Assessment, National Institute of Health Sciences ⁹ Okayama University
	Title	Oxidation of a cysteine-derived nucleophilic reagent by dimethyl sulfoxide in the amino acid derivative reactivity assay
	Journal, Year, Volume (Issue), Pages	J Appl Toxicol. 2020 Feb 12. doi: 10.1002/jat.3948
2	Authors	Mizoi K ¹ , Hosono M ¹ , Kojima H ² , Ogihara T ³
	Affiliations	¹ Faculty of Pharmacy, Takasaki University of Health and Welfare ² Division of Risk Assessment, Biological Safety Research Center, National Institute of Health Sciences ³ Graduate School of Pharmaceutical Sciences, Takasaki University of Health and Welfare
	Title	Establishment of a primary human hepatocyte spheroid system for evaluating metabolic toxicity using dacarbazine under conditions of CYP1A2 induction
	Journal, Year, Volume (Issue), Pages	Drug Metab Pharmacokinet. 2019 Dec 24. pii: S1347-4367(19)30233-2. doi: 10.1016/j.dmpk.2019.11.002
3	Authors	Kojima H ¹ , Yamaguchi H ² , Sozu T ³ , Kleinstreuer N ⁴ , Chae-Hyung L ⁵ , Chen W ⁶ , Watanabe M ⁷ , Fukuda T ⁸ , Yamashita K ⁹ , Takezawa T ¹⁰
	Affiliations	¹ Japanese Center for the Validation of Alternative Methods (JaCVAM), National Institute of Health Sciences (NIHS) ² Kanto Chemical Co., Inc. ³ Tokyo University of Science ⁴ National Toxicology Program Interagency Center for the Evaluation of Alternative Toxicological Methods (NICEATM)/Interagency Coordinating Committee on the Validation of Alternative Methods (ICCVAM) ⁵ Korean Center for the Validation of Alternative Methods (KoCVAM), National Institute of Food and Drug Safety Evaluation ⁷ Hatano Research Institute, Food and Drug Safety Center (FDSC) ⁸ Bozo Research Center (BRC) ⁹ Daicel Corporation (Daicel) ¹⁰ Institute of Agrobiological Sciences (NIAS), National Agriculture and Food Research Organization (NARO)
	Title	Multi-laboratory Validation Study of the Vitrigel-Eye Irritancy Test Method as an Alternative to In Vivo Eye Irritation Testing
	Journal, Year, Volume (Issue), Pages	Altern Lab Anim. 2019 Jul-Sep;47(3-4):140-157. doi: 10.1177/0261192919886665.