

## Monthly Reports of JaCVAM Activities (March, 2018)

NO.	Items	Contents
<b>Reports published in journals</b>		
1	Authors	Casati S <sup>*1</sup> , Aschberger K <sup>*1</sup> , Barroso J <sup>*1</sup> , Casey W <sup>*2</sup> , Delgado I <sup>*3</sup> , Kim TS <sup>*4</sup> , Kleinstreuer N <sup>*2</sup> , Kojima H, Lee JK <sup>*4</sup> , Lowit A <sup>*5</sup> , Park HK <sup>*4</sup> , Ré gimbald-Krnel MJ <sup>*6</sup> , Strickland J <sup>*7</sup> , Whelan M <sup>*1</sup> , Yang Y <sup>*8</sup> , Zuang V <sup>*1</sup>
	Affiliations	*1 European Commission, Joint Research Centre (JRC), Italy *2 National Toxicology Program Interagency Center for the Evaluation of Alternative Toxicological Methods, National Institute of Environmental Health Sciences, USA *3 BraCVAM, National Institute of Quality Control in Health, Brazil *4 Korean Center for the Validation of Alternative Methods, National Institute of Food and Drug Safety Evaluation, Korea *5 U.S. Environmental Protection Agency *6 Environmental Health Science and Research Bureau, Healthy Environments and Consumer Safety Branch, Canada *7 Integrated Laboratory Systems inc., USA *8 Institute of Toxicology, Guangdong Provincial Center for Disease Control and Prevention, China.
	Title	Standardisation of defined approaches for skin sensitisation testing to support regulatory use and international adoption: position of the International Cooperation on Alternative Test Methods
	Journal, Year, Volume (Issue), Pages	Arch Toxicol. 2018, 92(2):611-617
2	Authors	Tsukumo H <sup>*1</sup> , Matsunari N <sup>*1</sup> , Yamashita K <sup>*2</sup> , Kojima H, Itagaki H <sup>*1</sup>
	Affiliations	*1 Yokohama National University *2 Daicel Corporation
	Title	Lipopolysaccharide interferes with the use of the human Cell Line Activation Test to determine the allergic potential of proteins
	Journal, Year, Volume (Issue), Pages	J Pharmacol Toxicol Methods. 2018, 10:92:34-42.
3	Authors	Koyama S <sup>*1</sup> , Arakawa H <sup>*2</sup> , Itoh M <sup>*3</sup> , Masuda N <sup>*3</sup> , Yano K <sup>*1</sup> , Kojima H, Ogiwara T <sup>*1</sup>
	Affiliations	*1 Takasaki University of Health and Welfare *2 Kanazawa University *3 JSR Life Sciences
	Title	Evaluation of the metabolic capability of primary human hepatocytes in three-dimensional cultures on microstructural plates.
	Journal, Year, Volume (Issue), Pages	Biopharm Drug Dispos. 2018 Feb 22

4	Authors	Daniel AB <sup>*1</sup> , Strickland J <sup>*1</sup> , Allen D <sup>*1</sup> , Casati S <sup>*2</sup> , Zuang V <sup>*2</sup> , Barroso J <sup>*2</sup> , Whelan M <sup>*2</sup> , Régimbald-Krnel MJ <sup>*3</sup> , Kojima H, Nishikawa A, Park HK <sup>*4</sup> , Lee JK <sup>*4</sup> , Kim TS <sup>*4</sup> , Delgado I <sup>*5</sup> , Rios L <sup>*5</sup> , Yang Y <sup>*6</sup> , Wang G <sup>*6</sup> , Kleinstreuer N <sup>*7</sup>
	Affiliations	<sup>*1</sup> Integrated Laboratory Systems inc., USA <sup>*2</sup> European Commission, Joint Research Centre (JRC), Italy <sup>*3</sup> Environmental Health Science and Research Bureau, Healthy Environments and Consumer Safety Branch, Canada <sup>*4</sup> Korean Center for the Validation of Alternative Methods, National Institute of Food and Drug Safety Evaluation, Korea <sup>*5</sup> BraCVAM, National Institute of Quality Control in Health, Brazil <sup>*6</sup> Institute of Toxicology, Guangdong Provincial Center for Disease Control and Prevention, China <sup>*7</sup> National Toxicology Program Interagency Center for the Evaluation of Alternative Toxicological Methods, National Institute of Environmental Health Sciences, USA
	Title	International regulatory requirements for skin sensitization testing
	Journal, Year, Volume (Issue), Pages	Regul Toxicol Pharmacol. 2018. pii: S0273-2300(18)30066-7.
5	Authors	Narita K <sup>*1</sup> , Ishii Y <sup>*1</sup> , Vo PTH <sup>*1</sup> , Nakagawa F <sup>*1</sup> , Ogata S <sup>*1</sup> , Yamashita K <sup>*2</sup> , Kojima H, Itagaki H <sup>*1</sup>
	Affiliations	<sup>*1</sup> Yokohama National University <sup>*2</sup> Daicel Corporation
	Title	Improvement of human cell line activation test (h-CLAT) using short-time exposure methods for prevention of false-negative results
	Journal, Year, Volume (Issue), Pages	J Toxicol Sci. 2018;43(3):229-240
<b>International academic meetings</b>		
1	Authors	Kojima H, Furukawa M <sup>*</sup> , Itoh K <sup>*</sup> , Sakakibara T <sup>*</sup> , Matsuura M <sup>*</sup>
	Affiliations	<sup>*</sup> Safety Research Institute for Chemical Compounds Co., Ltd
	Title	An Approach for Assessing Mild Irritants with the Bovine Corneal Opacity and Permeability Test Method
	The name of academic meeting, date and place of presentation	57th Annual meeting of Society of Toxicology (2018.3) (San Antonio, USA)
2	Authors	Ono A <sup>*1</sup> , Watanabe S <sup>*2</sup> , Sugawara T <sup>*2</sup> , Wakabayashi K <sup>*3</sup> , Tahara Y <sup>*3</sup> , Horie N <sup>*4</sup> , Fujimoto K <sup>*4</sup> , Kusakari <sup>*5</sup> , Kurokawa Y <sup>*5</sup> , Sozu T <sup>*6</sup> , Nakayama T <sup>*6</sup> , Kusao T <sup>*6</sup> , Kawakami T, Kojima K <sup>*7</sup> , Kojima H, Richmond J <sup>*8</sup> , Kleinstreuer N <sup>*9</sup> , Bae-Hwa K <sup>*10</sup> , Yamamoto Y <sup>*11</sup> , Fujita M <sup>*11</sup> , Kasahara T <sup>*11</sup>
	Affiliations	<sup>*1</sup> Okayama University <sup>*2</sup> LION Corporation <sup>*3</sup> Mitsui Chemicals, Inc. <sup>*4</sup> Sumitomo Chemical Co. Ltd. <sup>*5</sup> Nissan Chemical Industries, Ltd. <sup>*6</sup> Tokyo University of Science <sup>*7</sup> Food and Drug Safety Center Hatano Research Institute <sup>*8</sup> Dr. JonRichmond: Advice and Consultanc <sup>*9</sup> NTP Interagency Center for the Evaluation of Alternative Toxicological Methods (NICEATM) <sup>*10</sup> College of Natural Science Keimyung University <sup>*11</sup> Fujifilm Corporation
	Title	A Multi-Centre Validation Study of Amino Acid Derivative Reactivity Assay (ADRA): A Novel In Chemico Alternative Test Method for Skin Sensitization
	The name of academic meeting, date and place of presentation	57th Annual meeting of Society of Toxicology (2018.3) (San Antonio, USA)