

## Monthly Reports of JaCVAM Activities (July, 2024)

NO.	Items	Contents
<b>Reports published in journals</b>		
1	Authors	Nishida A <sup>1</sup> , Sawada Y <sup>1</sup> , Arai R <sup>1</sup> , Ishibashi N <sup>2</sup> , Suzuo M <sup>2</sup> , Ohno A, Ashikaga T, Iijima
	Affiliations	<sup>1</sup> Graduate School of Engineering Science, Yokohama National University <sup>2</sup> College of Engineering Science, Yokohama National University <sup>3</sup> Faculty of Engineering, Yokohama National University
	Title	Evaluation of the immunotoxicity potential of nanomaterials using THP-1 cells
	Journal, Year, Volume (Issue), Pages	Front. Toxicol., 01 July 2024, <a href="https://doi.org/10.3389/ftox.2024.1293147">https://doi.org/10.3389/ftox.2024.1293147</a>

<b>International academic meetings</b>		
1	Presenter (Oral)	Tokunaga J <sup>1</sup> , Kinoshita K <sup>1</sup> , Ambe K <sup>1</sup> , Yamada T, Ashikaga T, Tohkin M <sup>1</sup>
	Affiliations	<sup>1</sup> Department of Regulatory Science, Graduate School of Pharmaceutical Sciences, Nagoya City University
	Title	Development of the regression model in machine learning to predict skin sensitization intensity and considerations for improving interpretability
	The name of academic meeting, date and place of presentation	51st Annual Meeting of the Japanese Society of Toxicology (2024.7.3, Fukuoka, Japan)
2	Presenter (Poster)	Ashikaga T, Ohya K, Kato T <sup>1</sup> , Kitagawa T <sup>2</sup> , Kojima H, Sozu T <sup>3</sup> , Hayashi K, Tachibana S <sup>4</sup> , Masumori S <sup>5</sup> , Mishima T <sup>6</sup> , Kusunoki T <sup>7</sup> , Shimizu J <sup>7</sup> , Fushihara K <sup>7</sup> ,
	Affiliations	<sup>1</sup> Shimadzu Diagnostics Corporation <sup>2</sup> FUJIFILM Wako Pure Chemical Corporation <sup>3</sup> Tokyo University of Science <sup>4</sup> Hatano Research Institute, Food and Drug Safety Center <sup>5</sup> BioSafety Research Center Inc. <sup>6</sup> Japan Food Research Laboratories <sup>7</sup> MiCAN Technologies Inc.
	Title	Validation study of pyrogen-detection system using immortalized human monocyte cell line
	The name of academic meeting, date and place of presentation	51st Annual Meeting of the Japanese Society of Toxicology (2024.7.5, Fukuoka, Japan)
3	Presenter (Oral)	Iijima K <sup>1,2</sup> , Yamashiro M <sup>3</sup> , Sakamoto R <sup>4</sup> , Ohno A, Ashikaga T
	Affiliations	<sup>1</sup> Faculty of Engineering, Yokohama National University <sup>2</sup> Institute of Advanced Sciences, Yokohama National University <sup>3</sup> Graduate School of Engineering Science, Yokohama National University <sup>4</sup> College of Engineering Science, Yokohama National University
	Title	Evaluation of the ability to activate antigen-presenting cells and analysis of the activation mechanism for various types of zinc oxide nanoparticles
	The name of academic meeting, date and place of presentation	51st Annual Meeting of the Japanese Society of Toxicology (2024.7.5, Fukuoka, Japan)