

Ⅲ. 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
<u>Polouliakh N</u>	In Silico Transcription Factor Discovery via Bioinformatics Approach: Application on iPSC Reprogramming Resistant Genes	F Kobeissy, K Wang, FA. Zaraket	Leveraging Biomedical and Healthcare Data	Academic Press, Elsevier	Amsterdam, Netherlands	2019	183-193

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
登田 美桜、北嶋 聡	マリンバイオトキシノーグ毒のリスク評価についてー	中毒研究(Jpn. J. Clin. Toxicol.)	34	58-62	2021
<u>Ryuichi Ono</u> , Yusuke Yoshioka, Yusuke Furukawa, Mie Naruse, Makiko Kuwagata, Takahiro Ochiya, <u>Satoshi Kitajima</u> , Yoko Hirabayashi	Novel hepatotoxicity biomarkers of extracellular vesicle (EV)-associated miRNAs induced by CCl4.	Toxicol Rep.	7	685-692	2020
Hirokatsu Saito, Kenshiro Hara, <u>Satoshi Kitajima</u> , Kentaro Tanemura	Effect of Vitamin E deficiency on spermatogenesis in mice and its similarity to aging.	Reproductive Toxicology	98	225-232	2020
Nock R, <u>Polouliakh N</u> , Nielsen F, Oka K, Connell CR, Heimhofer C, Shibanai K, Ghosh S, <u>Aisaki K</u> , <u>Kitajima S</u> , <u>Kanno J</u> , Akama K, <u>Kitano H</u>	A Geometric Clustering Tool (AGCT) to robustly unravel the inner cluster structures of time-series gene expressions.	PLOS ONE	15	e0233755	2020
Osorio, R. S. A., Nyström-Persson, J. T., Nojima, Y., Kosugi, Y., Mizuguchi, K., & <u>Natsume-Kitatani Y.</u>	Panomicon: A web-based environment for interactive, visual analysis of multi-omics data.	Heliyon	6	e04618	2020

Esaki, T., Horinouchi, T., <u>Natsume-Kitatani, Y.</u> , Nojima, Y., Sakane, I., & Matsui, H.	Estimation of relationships between chemical substructures and antibiotic resistance-related gene expression in bacteria: Adapting a canonical correlation analysis for small sample data of gathered features using consensus clustering.	Chem-Bio Informatics Journal	20	58-61	2020
Chen, Y. A., Park, J., <u>Natsume-Kitatani, Y.</u> , Kawashima, H., Mohsen, A., Hosomi, K., ... & Miyachi, M.	MANTA, an integrative database and analysis platform that relates microbiome and phenotypic data.	PLOS ONE	15	e0243609.	2020
<u>夏目 やよい</u> , 水口 賢司	新薬創出を加速するAIの開発	Precision Medicine	3	10-13	2020
Kobayashi K, Kuze J, Abe S, Takehara S, Minegishi G, Igarashi K, <u>Kitajima S.</u> , <u>Kanno J.</u> , Yamamoto T, Oshimura M, Kazuki Y.	CYP3A4 induction in the liver and intestine of PXR/CYP3A-humanized mice: approaches by mass spectrometry imaging and portal blood analysis.	Mol Pharmacol.	13	56	2019
<u>Ono R.</u> , Yasuhiko Y, <u>Aisaki KI.</u> , <u>Kitajima S.</u> , <u>Kanno J.</u> , Hirabayashi Y.	Exosome-mediated horizontal gene transfer occurs in double-strand break repair during genome editing.	Commun Biol.	2	57	2019
Gupta V, Crudu A, Matsuoka Y, Ghosh S, Rozot R, Marat X, Jäger S, <u>Kitano H.</u> , Breton L	Multi-dimensional computational pipeline for large-scale deep screening of compound effect assessment: an in silico case study on ageing-related compounds.	npj Syst Biol Appl	5	42	2019
Uchida S, Asai Y, Kariya Y, Tsumoto K, Hibino H, Honma M, Abe T, Nin F, Kurata Y, Furutani K, Suzuki H, <u>Kitano H.</u> , Inoue R, Kurachi Y	Integrative and theoretical research on the architecture of a biological system and its disorder	J Physiol Sci	69	433	2019

Kato Y, Tabata K, Kimura T, Yachie-Kinoshita A, Ozawa Y, Yamada K, Ito J, Tachino S, Hori Y, Matsuki M, Matsuoka Y, Ghosh S, <u>Kitano H</u> , Funahashi Y	Lenvatinib plus anti-PD-1 antibody combination treatment activates CD8+ T cells through reduction of tumor-associated macrophage and activation of the interferon pathway	PLOS ONE	14	e0212513	2019
Watanabe R, Ohashi R, Esaki T, Kawashima H, <u>Natsume-Kitata ni Y</u> , Nagao C, Mizuguchi K	Development of an in silico prediction system of human renal excretion and clearance from chemical structure information incorporating fraction unbound in plasma as a descriptor.	Scientific reports	9	18782	2019
Esaki T, Ohashi R, Watanabe R, <u>Natsume-Kitata ni Y</u> , Kawashima H, Nagao C, Komura H, Mizuguchi K	Constructing an In Silico Three-Class Predictor of Human Intestinal Absorption With Caco-2 Permeability and Dried-DMSO Solubility.	Journal of pharmaceutical sciences	108	3630	2019
Esaki T, Ohashi R, Watanabe R, <u>Natsume-Kitata ni Y</u> , Kawashima H, Nagao C, Mizuguchi K	Computational Model To Predict the Fraction of Unbound Drug in the Brain.	Journal of chemical information and modeling	59	3251	2019
Lee MSJ, <u>Natsume-Kitata ni Y</u> , Temizoz B, Fujita Y, Konishi A, Matsuda K, Igari Y, Tsukui T, Kobiyama K, Kuroda E, Onishi M, Marichal T, Ise W, Inoue T, Kurosaki T, Mizuguchi K, Akira S, Ishii KJ, Coban C	B cell-intrinsic MyD88 signaling controls IFN- γ -mediated early IgG2c class switching in mice in response to a particulate adjuvant.	European journal of immunology	49	1433	2019

Otsuka K, Yamada K, Taquahashi Y, Arakaki R, Ushio A, Saito M, Yamada A, Tsunematsu T, Kudo Y, <u>Kanno</u> J, Ishimaru N.	Long-term polarization of alveolar macrophages to a profibrotic phenotype after inhalation exposure to multi-wall carbon nanotubes.	PLoS One.	13(10)	e0205702	2018
<u>Polouliakh N.</u> Horton P, Shibanai K, Takata K, Ludwig V, Ghosh S, <u>Kitano H.</u>	Sequence homology in eukaryotes (SHOE): interactive visual tool for promoter analysis.	BMC Genomics.	19(1)	715	2018
Mishima M, Hoffmann D, Ichihara G, <u>Kitajima S.</u> Shibutani M, Furukawa S, Hirose A.	Derivation of acceptable daily exposure value for alanine, N,N-bis(carboxymethyl)-, trisodium salt.	Fund Toxicol Sci	5	167-170	2018
Esaki, T., Watanabe, R., Kawashima, H., Ohashi, R., <u>Natsume -</u> <u>Kitatani, Y.</u> , Nagao, C. & Mizuguchi, K	Data curation can improve the prediction accuracy of metabolic intrinsic clearance. Molecular informatics	Molecular informatics	38	1800086	2018
Watanabe, R., Esaki, T., Kawashima, H., <u>Natsume-Kitata</u> <u>ni, Y.</u> , Nagao, C., Ohashi, R. & Mizuguchi, K.	Predicting Fraction Unbound in Human Plasma from Chemical Structure: Improved Accuracy in the Low Value Ranges	Molecular pharmaceutics	15(11)	5302-5311	2018
<u>夏目やよい</u>	バイオメディカル・基礎から臨床への開 発プロセス (2) 1) トランスレーショ ナルリサーチと機械学習	医薬ジャーナル	54(9)	2049-2053	2018
長尾知生子、 <u>夏目</u> <u>やよい</u> 、水口賢司	創薬における計算機の果たす役割 - プ レシジョンメディシンに向けて -	Presicion Medicine,	1(1)	28-31	2018

Masuta, Y., Yamamoto, T., <u>Natsume-Kitata</u> <u>ni</u> , Y., Kanuma, T., Moriishi, E., Kobiyama, K. & Ishii, K. J.	An antigen-free, plasmacytoid dendritic cell-targeting immunotherapy to bolster memory CD8+ T cells in nonhuman primates.	The Journal of Immunology	200	2067-2075	2018
Tanaka, M., Kobiyama, K., Honda, T., Uchio-Yamada, K., <u>Natsume-Kitata</u> <u>ni</u> , Y., Mizuguchi, K. & Ishii, K. J.	Essential role of CARD14 in murine experimental psoriasis.	The Journal of Immunology,	200	71-81	2018