

Ⅲ. 研究成果の刊行に関する一覧表

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
Kuwagata, M., Hasegawa, T., Takashima, H., Shimizu, M., <u>Kitajima, S.</u> Yamazaki, H.	Pharmacokinetics of primary metabolites 5-hydroxythalidomide and 5'-hydroxythalidomide formed after oral administration of thalidomide in the rabbit, a thalidomide-sensitive species.	J Toxicol Sci.	46	553-560	2021
Yuhji Taquahashi, Hirokatsu Saito, Makiko Kuwagata, <u>Satoshi Kitajima</u>	Development of an inhalation exposure system of a pressurized metered-dose inhaler (pMDI) formulation for small experimental animals.	Fundam. Toxicol. Sci.	8	169-175	2021
Toshime Igarashi, Yukuto Yasuhiko, Ryuichi Ono, Erika Tachihara, Miki Uchiyama, Atsuya Takagi, Yu Takahashi, Makiko Kuwagata, <u>Satoshi Kitajima</u>	Diverse unintended on-target mutations induced by zygote genome-editing using CRISPR/Cas9 system.	Fundam. Toxicol. Sci.	8	161-167	2021

Eiichi Yamamoto, Yuhji Taquahashi, Makiko Kuwagata, Hirokatsu Saito, Kohei Matsushita, Takeshi Toyoda, Futoshi Sato, <u>Satoshi Kitajima</u> , Kumiko Ogawa, Ken-ichi Izutsu, Yoshiro Saito, Yoko Hirabayashi, Yasuo Imura, Masamitsu Honma,	Visualizing the spatial localization of ciclesonide and its metabolites in rat lungs after inhalation of 1- μ m aerosol of ciclesonide by desorption electrospray ionization-time of flight mass spectrometry imaging.	Int J Pharmaceutics	595	120241	2021
Okubo Y, Ohtake F, Igarashi K, Yasuhiko Y, Hirabayashi Y, Saga Y, <u>Kanno J.</u>	Cleaved Delta like 1 intracellular domain regulates neural development via Notch signal-dependent and -independent pathways.	Development	148	dev193664	2021
Hojo M, Yamamoto Y, Sakamoto Y, Maeno A, Ohnuki A, Suzuki J, Inomata A, Moriyasu T, Taquahashi Y, <u>Kanno J</u> , Hirose A, Nakae D.	Histological sequence of the development of rat mesothelioma by MWCNT, with the involvement of apolipoproteins.	Cancer Sci.	112	2185-2198	2021
<u>Kitano, H.</u>	Nobel Turing Challenge: creating the engine for scientific discovery.	npj Syst Biol Appl.	7	29	2021

<p>Ostaszewski M, Niarakis A, Mazein A, Kuperstein I, Phair R, Orta-Resendiz A, Singh V, Aghamiri SS, Acencio ML, Glaab E, Ruepp A, Fobo G, Montrone C, Brauner B, Frishman G, Monraz Gómez LC, Somers J, Hoch M, Kumar Gupta S, Scheel J, Borlinghaus H, Czauderna T, Schreiber F, Montagud A, Ponce de Leon M, Funahashi A, Hiki Y, Hiroi N, Yamada TG, Dräger A, Renz A, Naveez M, Boeskei Z, Messina F, Börmigen D, Fergusson L, Conti M, Rameil M, Nakonecni V, Vanhoefer J, Schmiester L, Wang M, Ackerman EE, Shoemaker JE, Zucker J, Oxford K, Teuton J, Kocakaya E, Summak GY, Hanspers K, Kuttmon M, Coort S, Eijssen L, Ehrhart F, Rex DAB, Slenter D, Martens M, Pham N, Haw R, Jassal B, Matthews L, Orlic-Milacic M, Senff Ribeiro A, Rothfels K, Shamovsky V, Stephan R, Sevilla C, Varusai T, Ravel JM, Fraser R, Ortseifen V, Marchesi S, Gawron P, Smula E, Heirendt L, Satagopam V, Wu G, Riutta A, Golebiewski M, Owen S, Goble C, Hu X, Overall RW, Maier D, Bauch A, Gyori BM, Bachman JA, Vega C, Grouès V, Vazquez M, Porras P, Licata L, Iannuccelli M, Sacco F, Nesterova A, Yuryev A, de Waard A, Turei D, Luna A, Babur O, Soliman S, Valdeolivas A, Esteban-Medina M, Peña-Chilet M, Rian K, Helikar T, Puniya BL, Modos D, Treveil A, Olbei M, De Meulder B, Ballereau S, Dugourd A, Naldi A, Noël V, Calzone L, Sander C, Demir E, Korcsmaros T, Freeman TC, Augé F, Beckmann JS, Hasenauer J, Wolkenhauer O, Wilighagen EL, Pico AR, Evelo CT, Gillespie ME, Stein LD, Hermjakob H, D'Eustachio P, Saez-Rodriguez J, Dopazo J, Valencia A, <u>Kitano H</u>, Barillot E, Auffray C, Balling R, Schneider R</p>	<p>COVID-19 Disease Map Community. COVID19 Disease Map, a computational knowledge repository of virus-host interaction mechanisms.</p>	<p>Mol Syst Biol.</p>	<p>17</p>	<p>e10387</p>	<p>2021</p>
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夏目 やよい	機械学習によって加速される次世代アジュバント開発	医学のあゆみ	279	961-964	2021
夏目 やよい, 樽林陽一	新薬創出を加速する人工知能の開発 ~データ駆動型創薬ターゲット探索プラットフォームの構築~	あいみつく	42	58-63	2021