

## 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
Saito H, Hara K, Kitajima S, Tanemura K.	Effect of Vitamin E deficiency on spermatogenesis in mice and its similarity to aging.	Reprod Toxicol.	98	225-232	2020
Umezu K, Kurata S, Takamori H, Numabe T, Hiradate Y, Hara K, Tanemura K.	Characteristics and Possible Role of Bovine Sperm Head-to-Head Agglutination.	Cells.	9(8)	1865	2020
Hiradate Y, Hara K, Tanemura K.	Effect of neurotensin on cultured mouse preimplantation embryos.	J Reprod Dev.	66(5)	421-425	2020
Umezu K, Hara K, Hiradate Y, Numabe T, Tanemura K.	Stromal cell-derived factor 1 regulates in vitro sperm migration towards the cumulus-oocyte complex in cattle.	PLoS One.	15(4)	e0232536	2020
Horigane SI, Ozawa Y, Zhang J, Todoroki H, Miao P, Haijima A, Yanagawa Y, Ueda S, Nakamura S, Kakeyama M, Takemoto-Kimura S.	A mouse model of Timothy syndrome exhibits altered social competitive dominance and inhibitory neuron development.	EBS Open Bio.	10(8)	1436-1446.	2020
ベナー聖子・掛山正心.	社会的隔離の動物モデル	精神科	39	1-6	2021

Koike-Tani M, Tominaga T, Oldenbourg R, Tani T.	Birefringence changes of dendrites in mouse hippocampal slices revealed with polarizing microscopy	Biophysical Journal	118	2366-2384	2020
Luyben TT, Rai J, Li H, Georgiou J, Avila A, Zhen M, Collingridge GL, Tominaga T, Okamoto K.	Optogenetic Manipulation of Postsynaptic cAMP Using a Novel Transgenic Mouse Line Enables Synaptic Plasticity and Enhances Depolarization Following Tetanic Stimulation in the	Frontiers in Neural Circuits	14	24	2020
Kawano M, Tominaga T, Ishida M, Hori	Roles of Adenylate Cyclases in Ciliary Responses of Paramecium to Mechanical Stimulation	Journal of Eukaryotic Microbiology	67	532-540	2020
Kajiwara R, Tominaga T.	Perirhinal cortex area 35 controls the functional link between the perirhinal and entorhinal - hippocampal circuitry	BioEssays	43	2000084	2021
Ishida M, Hori M, Ooba Y, Kinoshita M, Matsutani T, Naito M, Hagimoto T, Miyazaki K, Ueda S, Miura K, Tominaga T.	A Functional Aqp1 Gene Product Localizes on The Contractile Vacuole Complex in Paramecium multimicronucleatum	Journal of Eukaryotic Microbiology		e12843	2021
Saleh DM, Alexander WT, Numano T, Ahmed OHM, Gunasekaran S, Alexander DB, Abdelgied M, El-Gazzar AM, Takase H, Xu J, Naiki-Ito A, Takahashi S, Hirose	Comparative carcinogenicity study of a thick, straight-type and a thin, tangled-type multi-walled carbon nanotube administered by intra-tracheal instillation in the rat.	Part Fibre Toxicol.	17(1)	48	2020

Hayase Y, Amano S, Hashizume K, Tominaga T, Miyamoto H, Kanno Y, Ueno-Inoue Y, Inoue T, Yamada M, Ogata S, Balan S, Hayashi K, Miura Y, Tokudome K, Ohno Y, Nishijo T, Momiyama T, Yanagawa Y, Takizawa A, Mashimo T, Serikawa T, Sekine A, Nakagawa E, Takeshita E, Yoshikawa T, Waga C, Inoue K, Goto Y, Nabeshima Y, Ihara N, Yamakawa K, Taya S, Hoshino M.	Down syndrome cell adhesion molecule like-1 (DSCAML1) links the GABA system and seizure susceptibility	Acta Neuropathologica Communications	8	206	2020
Ikegami K, Goto T, Nakamura S, Watanabe Y, Sugimoto A, Majorune S, Horihata K, Nagae M, Tomikawa J, <u>Imamura T</u> , Sanbo M, Hirabayashi M, Inoue N, Maeda KI, Tsukamura H, Uenoyama Y	Conditional kisspeptin neuron-specific Kiss1 knockout with newly generated Kiss1-floxed and Kiss1-cre mice replicates a hypogonadal phenotype of global Kiss1 knockout mice	J Reprod Dev	66	359-367	2020
Hamazaki N, Kyogoku H, Araki H, Miura F, Horikawa C, Hamada N, Shimamoto S, Hikabe O, Nakashima K, Kitajima TS, Ito T, Leitch HG, Hayashi K	Reconstitution of the oocyte transcriptional network with transcription factors	Nature	589	264-269	2020

Nakayama K, Onishi H, Fujimura A, Imaizumi A, Kawamoto M, Oyama Y, Ichimiya S, Koga S, Fujimoto Y, Nakashima K, Nakamura M	NF $\kappa$ B and TGF $\beta$ contribute to the expression of PTPN3 in activated human lymphocytes	Cell Immunol	358	104237	2020
Takeuchi A, Takahashi Y, Iida K, Hosokawa M, Irie K, Ito M, Brown JB, Ohno K, Nakashima K, Hagiwara M	Identification of Qk as a Glial Precursor Cell Marker that Governs the Fate Specification of Neural Stem Cells to a Glial Cell Lineage	Stem Cell Rep	15	883-897	2020
Mishima Y, Brueckner L, Takahashi S, Kawakami T, Otani J, Shinohara A, Takeshita K,	Enhanced processivity of Dnmt1 by monoubiquitinated histone H3	Genes Cells	25	22-32	2020
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Nock R, Polouliakh N, Nielsen F, Oka K, Connell CR, Heimhofer C, Shibanaï K, Ghosh S, Aisaki KI, Kitajima S, Kanno J, Akama T, Kitano H.	A Geometric Clustering Tool (AGCT) to robustly unravel the inner cluster structures of time-series gene expressions.	PLoS One.	15(7)	:e0233755	2020