

<生命医科学域>

1. 論文

全著者名	標題	掲載誌名	巻	号	開始ページ	終了ページ	出版年月	DOI
Ono, Makio; Komatsu, Masaaki J.; Birn, Takado, Yuhel; Shinojo, Masafumi; Minamihamatsui, Takeharu; Warabi, Eiji; Yanagawa, Toru; Matsumoto, Gen; Aoki, Ichir; Kansan, Nicholas M; Suhara, Tetsuya; Sahara, Naohiko; Higuchi, Makoto	Central role for p62/SQSTM1 in the elimination of toxic tau species in a mouse model of tauopathy	Aging Cell	21	7			2022-07-01	10.1111/age.13615
Wataniki, Takahisa; Okada, Kosuke; Miura, Ikuru; Ito, Kei; Tanaka, Seiya; Warabi, Eiji; Kanno, Naomichi; Yamagata, Kentji; Gotoh, Naohiro; Suzuki, Hiroe; Ariumi, Shunichi; Tsuchiya, Kichiro; Nagasaki, Yukio; Shoda, Junichi	Antioxidative Self-Assembling Nanoparticles Attenuate the Development of Steatohepatitis and Inhibit Hepatocarcinogenesis in Mice.		11	10	1939		2022-09-28	10.3390/antiox11101939
Ishii, Tetsuro; Warabi, Eiji; Manni, Giovanni E.	Stress Activated MAP Kinases and Cyclin-Dependent Kinase 5 Mediate Nuclear Translocation of NF- κ B via Hsp90 α and Pin1-Dynamin Motor Transport Machinery	Antioxidants (Basel, Switzerland)	12	2			2023-01-26	10.3390/antiox12020274
Fujisawa M, Nguyen TB, Abe Y, Suehiro Y, Fukumoto K, Sumi S, Makishima K, Kaneko C, Nguyen YTM, Usuki K, Narita K, Matsue K, Nakamura N, Ishikawa S, Miura F, Ito T, Suzuki A, Suzuki Y, Mizuno S, Takahashi S, Chiba S, Sakata-Yanagimoto M.	Clinel germinal center B cells function as a niche for T-cell lymphoma.	Blood.	140	18			2022-11-03	10.1182/blood.20220115461.
Teppel Nishino, Masaharu Yoshihara, Takahiro Nakayama, Takaho Tsuchiya, Saeko Tahara, Haruka Ozaki, Satoru Takahashi	Identifying potential regulators of JAGGED1 expression in portal mesenchymal cells	BMC Research Notes	15	1	172		2022-05-13	10.1186/s13104-022-06058-4
Shingo Kawano, Kimi Asaki, Jie Bai, Imari Furukawa, Keigo Tateishi, Kunitoku Yoshinobu, Shingo Usuki, Rachael A Nimmo, Tadashi Kuname, Masaharu Yoshihara, Satoru Takahashi, Goro Sashida, Masatake Araki	A gain-of-function mutation in micro-RNA-142 is sufficient to cause the development of T-cell leukemia in mice	Cancer Science	114	7	2821	2834	2023-03-21	10.1111/cas.15794
Sasaki, Shunry, Fujita, Ryo, Hayashi, Takuto, Nakamura, Ayano, Okamura, Yui, Fuseya, Sayaka, Hamada, Michiko, Warabi, Eiji, Kuno, Akhiro, Ishii, Akiko, Murakami, Masafumi, Okada, Risa, Shiba, Dai, Kudo, Takashi, Takeda, Shinichi, Takahashi, Satoru	Large Maf transcription factor family is a major regulator of fast type IIb myofiber determination	CELL REPORTS	42	4			2023-03-01	10.1016/j.celrep.2023.112289
Yanagawa T, Hileyama A, Otsuka K, Kuno A, Takahashi S.	Sufficient liver erythropoietin synthesis is induced in hemodialysis patients not requiring erythropoiesis-stimulating agents.	Clin Nephrol.	98	3	167	170	2022-07-12	10.5414/CN11074
Larayoz, Marta; Garcia-Barchino, Maria J.; Celay, Jon; Ebebeste, Amaia; Jimenez, Maddalen; Perez, Cristina; Odonez, Raquel; Cobaleda, Cesar; Ches, Marta; Bergsager, Lene; Rodriguez-Otero, Paula; Takahashi, Satoru; Katz, Samuel G.; Walsley, Loren D.	Pre-clinical models of genetically heterogeneous multiple myeloma reveal mechanisms of immune escape and predict clinical immunotherapy outcomes	CLINICAL LYMPHOMA MYELOMA & LEUKEMIA	22	0	0	0	2022-08	
Ma NS, Mumm S, Takahashi S, Levine MA.	Multicentric Caprolactol Osteolysis: A Contemporary Perspective on the Unique Skeletal Phenotype.	Curr Osteoporos Rep.	21	1	85	94	2022-12-07	10.1007/s11914-022-00762-7.
Kitamura Y, Suzuki A, Uetani K, Nishimoto M, Mizuno S, Takahashi S, Okada A.	Alternative splicing for germ cell-specific Mga transcript can be eliminated without compromising mouse viability or fertility.	Dev Growth Differ.	64	7	409	416	2022-9-14	10.1111/dgd.12806.
Masaharu Yoshihara, Teppel Nishino, Naoto Sambe, Takahiro Nakayama, Freddy Radtke, Seiya Mizuno, Satoru Takahashi	Generation of a Gal4-dependent gene recombination and illuminating mouse	Experimental Animals	71	3	385	390	2022-08-05	10.1538/expanim.21-0202
Ishii, Tetsuro; Warabi, Eiji; Manni, Giovanni E.	Mechanisms underlying NF- κ B nuclear translocation by non-lethal levels of hydrogen peroxide: p38 MAPK-dependent neutral sphingomyelinase2 membrane trafficking and ceramide/PKC α 2a/C2 signaling	FREE RADICAL BIOLOGY AND MEDICINE	191	0	191	202	2022-10	10.1016/j.freeradbiomed.2022.08.036
Morino K, Kunimura K, Sugura Y, Izumi Y, Matsubara K, Akiyoshi S, Maeda R, Hiroaki K, Sakata D, Mizuno S, Takahashi S, Bombai T, Urano T, Fukui Y.	Cholesterol sulfate limits neutrophil recruitment and gut inflammation during mucosal injury.	Front Immunol.	14		1131146		2023-3-17	10.3389/fimmu.2023.1131146.
Miura I, Okada K, Ishii A, Warabi E, Watahiki T, To K, Shimano H, Ariumi S, Shoda J.	p62/Sqstm1 rescue in muscle retards the progression of steatohepatitis in p62/Sqstm1-null mice fed a high-fat diet	Frontiers in Physiology	13		993995		2022-11-1	10.3389/fphys.2022.993995
Krner A, Nishimura K, Kishimoto T, Hanzah M, Kuno A, Fukuda A, Hatake K.	Loose-Specific Isolation of the Nanog Chromatin Identifies Regulators Relevant to Pluripotency of Mouse Embryonic Stem Cells and Reprogramming of Somatic Cells	Int J Mol Sci.	23	23	15242		2022-12-03	10.3390/ijms232315242
Inoue, Yur, Leo, Ching-Wet, Tsuchikawa, Yuki, Tsa, H-Lin; Takahashi, Satoru; Hamada, Michio	Macrophage-Specific, MafB-Deficient Mice Showed Delayed Skin Wound Healing	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	23	16	1937	1950	2022-08	10.3390/ijms23169346
Alcantara, Melissa C; Suzuki, Kentaro; Acebedo, Alvin R; Kajikawa, Daiki; Hirohata, Satoshi; Kaisho, Tsuneyasu; Hatanaka, Yui; Yamagata, Kazuo; Takahashi, Satoru; Yamada, Gen	Androgen-regulated MafB drives cell migration via MMP11-dependent extracellular matrix remodeling in mice	SCIENCE	25	12			2022-12	10.1016/j.sci.2022.106609
Tanaka R, Ichimura Y, Kubota N, Konishi R, Nakamura Y, Mizuno S, Takahashi S, Fujimoto M, Nomura T, Okajima N	The Role of PD-L1 on Langerhans Cells in the Regulation of Psoriasis	J Invest Dermatol.	142	12	3167	3174	2022-07-06	10.1016/j.jid.2022.06.006.
Fujino M, Morito N, Hayashi T, Ojima M, Ishibashi S, Kuno A, Koshiba S, Yamagata K, Takahashi S.	Transcription factor c-Maf deletion improves streptozotocin-induced diabetic nephropathy by directly regulating Sgk2 and Glut2	JO Insight.	8	6	0		2023-03-22	10.1172/jci.insight.163306.
Kulathunga, Kaushalya; Wakimoto, Arata; Hamada, Michio; Takahashi, Satoru	JOURNAL OF HEPATOLOGY		77	1	0	0	2022-07-01	10.13171/journal.pone.0272090
Tanimoto, Yoko; Mikami, Natsuki; Ishida, Miyuki; Ito, Natsumi; Kato, Kenzou; Sugiyama, Fumihiko; Takahashi, Satoru; Mizuno, Seiya	ZigBle Microinjection for Creating Gene Cassette Knockin and Flox Alleles in Mice	JOVE-JOURNAL OF VISUALIZED EXPERIMENTS		184			2022-06	10.3791/64161
Watanabe, Chisato; Shibuya, Hirotsugu; Ichijima, Yusuke; Okamura, Eiichi; Tsukiyama-Fuji, Setsuko; Tsukiyama, Tomoyuki; Matsumoto, Shomei; Matsushita, Jun; Azami, Takuya; Kubota, Yoshiaki; Ohji, Masahito; Sugiyama, Fumihiko; Takahashi, Satoru; Mizuno, Sei	Essential Roles of Exocyst Complex Component 3-like 2 on Cardiovascular Development in Mice	LIFE-BASEL	12	11			2022-11	10.3390/life12111730
Deng, Zhaobin; Kuno, Akhiro; Ojima, Masami; Takahashi, Satoru	MafB ^{fl} Mice: α 2a ^{-/-} β -Cell Identity under MafA-Deficient Conditions	MOLECULAR AND CELLULAR BIOLOGY	42	8			2022-07-11	10.1128/mcb.00541-21
Yoshikawa, Masaki; Ishikawa, Chihito; Li, Haiyan; Kudo, Takashi; Shiba, Dai; Shirakawa, Masaki; Murakami, Masafumi; Takahashi, Satoru; Aizawa, Shin; Shiga, Takashi	Comparing effects of microgravity and amyotrophic lateral sclerosis in the mouse ventral lumbar spinal cord	MOLECULAR AND CELLULAR NEUROSCIENCE	121				2022-07-01	10.1016/j.mcn.2022.103745
Kim P, Park J, Lee DJ, Mizuno S, Shinohara M, Hong CP, Jeong Y, Yun R, Park H, Park S, Yang KM, Min-Lee MJ, Jang SP, Kim HY, Lee SJ, Song SJ, Park KS, Tanaka M, Oshima H, Cho JW, Sugiyama F, Takahashi S, Jung HS & Kim SJ	Mast4 determines the cell fate of MSCs for bone and cartilage development.	Nat Commun	13	1	3960		2022-07-08	10.1038/s41467-022-31697-3.
Ojima K, Kakegawa W, Yamasaki T, Miura Y, Ishii M, Michibata Y, Kubota R, Douma T, Miura E, Nonaka H, Mizuno S, Takahashi S, Yuzaki M, Hamachi I, Koyanaka S.	Coordination chemogenetics for activation of GPCR-type glutamate receptors in brain tissue.	Nat Commun.	13	1	3167		2022-06-16	10.1038/s41467-022-30828-0.
Larayoz M, Garcia-Barchino MJ, Celay J, Ebebeste A, Jimenez M, Perez C, Odonez R, Cobaleda C, Botta C, Fresquet V, Roe S, Golcochea I, Maia C, Lasaga M, Ches M, Bergsager PL, Larayoz M, Calesanz MJ, Campos-Sanchez E, Martinez-Cano J, Planas C, Rodi	Preclinical models for prediction of immunotherapy outcomes and immune evasion mechanisms in genetically heterogeneous multiple myeloma	Nat Med.	3		632	645	2023-03-06	10.1038/s41591-022-02178-3.
Kim SJ, Hotta-Hirashima N, Asano F, Kitazono T, Iwasaki K, Nakata S, Koriya H, Asano N, Matsuzaki T, Fujiyama T, Miyu A, Kakizaki M, Kanno S, Choi J, Kumar D, Tsukamoto T, Ehsani A, Mizuno S, Miyazaki S, Tsunoda Y, Sugiyama F, Takahashi S, Hayashi Y.	Kinase signaling in excitatory neurons regulates sleep quantity and depth.	Nature.	612		7940	512	2022-12-07	10.1038/s41586-022-05450-1.
Mitsu, Shun, Otsu, Asaki, Sato, Kai; Ishiyama, Masahito; Shimakura, Kentz; Okada-Yamaguchi, Chisa; Warabi, Eiji; Yanagawa, Toru; Aoki, Masashi; Shang, Hui-Fang; Hadano, Shinji	SQSTM1, a protective factor of SOD1-linked motor neuron disease, regulates the accumulation and distribution of ubiquitinated protein aggregates in neuron	NEUROCHEMISTRY INTERNATIONAL	158				2022-09-01	10.1016/j.neuint.2022.105364
Tsujiyama F, Kuno A, Murata Y, Nakagawa T, Shiba-Ishii A, Yaguchi S, Niguchi M.	Mutational landscape of primary breast angiosarcoma with repeated resection and recurrence over a 15-year period: A case report.	Pathol Int.	72	9	457	463	2022-07-08	10.1111/pin.13257.
Nishida-Tanehiro, Kyoko; Kimura, Akhiro; Tsubata, Takeshi; Takahashi, Satoru; Suzuki, Hironori	Antioxidative enzyme NAD(P)H:quinone oxidoreductase 1 (NQO1) modulates the differentiation of Th17 cells by regulating ROS levels	PLOS ONE	17	7			2022-07	10.1371/journal.pone.0272090
Nishida-Tanehiro K, Kimura A, Tsubata T, Takahashi S, Suzuki H.	Antioxidative enzyme NAD(P)H:quinone oxidoreductase 1 (NQO1) modulates the differentiation of Th17 cells by regulating ROS levels.	PLoS One.	17	7	0		2022-07-29	10.1371/journal.pone.0272090.
Maruta T, Hidaka K, Kouraki S, Koshida T, Kuragi M, Kage Y, Mizuno S, Shirasaka T, Yanagita T, Takahashi S, Takeya R, Tsuneyoshi I.	Selective optogenetic activation of Nav1.7-expressing afferents in Nav1.7-ORF2 mice induces nociceptive behavior without affecting responses to mechanical and thermal stimuli.	PLoS One.	17	10	0		2022-10-05	10.1371/journal.pone.0275751.
Asano F, Kim SJ, Fujiyama T, Miyoshi C, Hotta-Hirashima N, Asano N, Iwasaki K, Kakizaki M, Mizuno S, Mieda M, Sugiyama F, Takahashi S, Shi S, Hirano A, Furuta H, Yanagawa M.	SIK3-HDAC4 in the suprachiasmatic nucleus regulates the timing of arousal at the dark onset and circadian period in mice.	Proc Natl Acad Sci U S A.	14		120	0	2023-03-14	10.1073/pnas.2218209120.
Akijama M, Unoki T, Aoki H, Nishimura A, Shinkai Y, Warabi E, Nishiyama K, Furumoto Y, Anzai N, Akeke T, Nishida M, Kumagai Y.	Cysteine-dependent antiproteases buffer against excess intracellular reactive sulfur species-induced stress	Redox Biology	57		102514		2022-10-17	10.1016/j.redox.2022.102514
Anh LPH, Nishimura K, Kuno A, LPH NT, Kato T, Ohtake M, Nakamichi M, Sugihara E, Sato TA, Hayashi Y, Fukuda A, Hatake K.	Downregulation of Odd-Skipped Related 2, a Novel Regulator of Epithelial-Mesenchymal Transition, Enables Efficient Somatic Cell Reprogramming.	Stem Cells.	40	4	397	410	2022-04-29	10.1093/stmcls/svac012.
Tsukamoto S, Hakata Y, Tsuji-Kawahara S, Enya T, Tsukamoto T, Mizuno S, Takahashi S, Nakao S, Miyazawa M.	Distinctive High Expression of Antiretroviral APOBEC3 Protein in Mouse Germinal Center B Cells.	Viruses.	14	4	832		2022-04-17	10.3390/v14040832.

Takiyama, Mikina; Matsumoto, Takeshi; Kaituchi, Noriko; Mizuhara, Yasuharu; Warabi, Eiji; Ohbuchi, Katsuya; Mizoguchi, Kazushige	In vitro assessment of the inhibitory effect of gorsean extract and its ingredients on the P-glycoprotein drug transporter and cytochrome P-450 metabolic enzymes	XENOBOTICA	52	5	511	519	2022-05	10.1080/00488254.2022.2078750
Samir, Omar; Kobayashi, Naohiro; Nishino, Tetsuo; Syam, Mennatuliah; Yadau, Manoj Kumar; Inoue, Yurii; Takekoshi, Satoru; Hamada, Michio			23	17	9945		2022-9-1	10.3390/jms23179945

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全著者名	標題	図書名原語	編集者名	巻	号	開始ページ	終了ページ	出版年月
高橋 智	微小重力環境における骨格筋可塑性の変化に対する Nr12 の役割	医学のあゆみ	林卓杜、工藤崇、高橋智	284	12	956	957	2023-03
高橋 智	宇宙環境がもたらす骨格筋可塑性への影響	生化学	林 卓杜、工藤 崇、高橋 智	94	6	910	915	2022-12

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Tetsuya, Sasaki	Prenatal Reprogramming and ASD	A Collection of Papers Commemorating the 10th Anniversary of the Establishment of the Japanese DOHAD Society	11	1	15	16	2023-02	10.51067/dohad.111_15
Tetsuya, Sasaki	Immune systems on cortical development and their abnormality on ASD	Business Report for FY2021 "Climb" Kawano Masanori Memorial Public Interest Incorporated Foundation for Promotion of Pediatrics	21		10	10	2022-07	
Tetsuya, Sasaki	Roles of immune molecules in the formation of the cerebral cortex and their abnormalities in psychiatric disorders.	DOHAD Research	11	2	126	134	2023-03	10.51067/dohad.112_126
Yoshitoku, Watabe;Tetsuya, Sasaki;Suguru, Iwata;Haruka, Kanamaru;Yohel, Soga;Yosuke, Takei	Cortical IL-17RA expression during postnatal development and its changes in an ASD model animal	Japanese Association of Anatomists 110th Kanto Branch Academic Meeting	110	1	13	13	2022-10-01	
Wan, Yuesong;Monkawa, Momoe;Monkawa, Manatsu;Iwata, Suguru; Naseer, Muhammad Imran; Ahmed Chaudhary, Adiel Gulzar; Tanaka, Yosuke; Hirakawa, Nobutaka	KIF4 regulates neuronal morphology and seizure susceptibility via the PARP1 signaling pathway	JOURNAL OF CELL BIOLOGY	222	2			2023-02-06	10.1083/jcb.202208108
Tetsuya, Sasaki	Effects of constitutive increase of IL-17A in serum on central nervous system.	Medical Science Digest	50	16	1	2	2023-2	
Takahashi, Aki;Abyasin, Hossen;Stavarache, Mihaela A.J.I, Long;Cathomas, Flurin;Parise, Lyonna FLin, Hsiao-Yun;Burnett, C. Joseph;Auby, Antonio;Farigjan, Meghan E.;Brancato, Anna;Menard, Caroline;Plau, Madeline L.;Kana, Veronika;Wang, Jund;Hodes, Geor	Neuromodulatory effect of interleukin 1b in the dorsal raphe nucleus on individual differences in aggression	Molecular Psychiatry	27	5	2563	2579	2022-05	10.1038/s41380-021-01110-4
Tetsuya, Sasaki;Haruka, Kanamaru;Suguru, Iwata;Yoshitoku, Watabe;Yohel, Soga;Yosuke, Takei	Myosin 1d, an ASD-risk gene product preferentially localize to dendritic spines of neurons	Proceeding of the 110th Kanto Branch Academic Meeting of The Japanese Association of Anatomists	110	1	21	21	2022-10	
Yohel, Soga;Suguru, Iwata;Tetsuya, Sasaki;Haruka, Kanamaru;Yoshitoku, Watabe;Yosuke, Takei	Neonatal immune challenge-induced changes in KIF gene expression in the brain	Proceeding of the 110th Kanto Branch Academic Meeting of The Japanese Association of Anatomists	110	1		14	2022-10	
Tetsuya, Sasaki;Haruka, Kanamaru;Suguru, Iwata;Yosuke, Takei	Myosin 1d, an ASD-risk gene product preferentially localize to dendritic spines of cultured hippocampal neurons.	Structure and Function	21	1	18	18	2022-09	

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Chen, Ze-Kai; Dong, Hui; Liu, Cheng-Wei; Liu, Wen-Ying; Zhao, Ya-Nan; Xu, Wei; Sun, Xiao; Xiong, Yan-Yu; Liu, Yuan-Yuan; Yuan, Xiang-Shan; Wang, Bing; Lazarus, Michael; Chénrase, Yoon; Li, Ya-Dong; Han, Fang; Qu, Wei-Min; Ding, Feng-Fei; Huang, Zhi-Li	A cluster of mesocortine GABAergic neurons suppresses REM sleep and curbs cataplexy	CELL DISCOVERY	8	1	115		2022-10-25	10.1038/s41421-022-00456-5
Tao, Xixi; Du, Rongli; Guo, Shumin; Feng, Xiangling; Yu, Tingting; Ouyang, Qian; Chen, Qiaoli; Fan, Xutong; Wang, Xueqi; Guo, Chen; Li, Xiaozhou; Xue, Fengxia; Chen, Shuai; Tong, Minghan; Lazarus, Michael; Zuo, Shenglei; Yu, Ying; Shen, Yujun	PGE2-EP3 axis promotes brown adipose tissue formation through stabilization of WTAP RNA methyltransferase	EMBO JOURNAL	41	16			2022-08	10.15252/emboj.2021110439
Tao, Xixi; Zhang, Rui; Du, Rongli; Yu, Tingting; Yang, Hui; Li, Jie; Wang, Yuhong; Liu, Qian; Zuo, Shenglei; Wang, Xi; Lazarus, Michael; Zhou, Lu; Wang, Bangqiao; Yu, Ying; Shen, Yujun	EP3 enhances adhesion and cytotoxicity of NK cells toward hepatic stellate cells in a murine liver fibrosis model	JOURNAL OF EXPERIMENTAL MEDICINE	219	5			2022-04	10.1084/jem.20212414

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Koyanagi, Iyo, Tasaka, Taro, Yu, Jiahui, Srinivasan, Saldhivel, Naoi, Toshie, Yasugaki, Shinrosuke, Nakai, Ayaka, Taniguchi, Shimppei, Hayashi, Yu, Nakano, Yasuhiro, Sakaguchi, Masanori	Fully automatic REM sleep stage-specific intervention systems using single EEG in mice	NEUROSCIENCE RESEARCH	186		51	58	2022/10/04	10.1016/j.neures.2022.10.001
小山一樹, 坂口昌徳, 大西立銀	睡眠ステージを特徴づけるマウスの海馬時系列の相関次元	信号処理	122	436	75	80	2023/03/08	

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全著者名	標題	図書名原語	編集者名	巻	号	開始ページ	終了ページ	出版年月
坂口, 昌徳, Yu, Jiahui	PTSD の汎化における海馬歯状回の役割	精神科 Resident		3	2	19	22	2022-05
坂口, 昌徳, 廣幡, 小百合	PTSD の恐怖記憶処理と新しい治療技術の開発	トラウマティック・ストレス		20	1	20	25	2022-06

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Kawai, Hitomi, Yoshizawa, Akihiko, Sakai, Yasuhiro, Yotabe, Yasushi, Okawa, Mutsuharu, Hotta, Kazuhiko, Noguchi, Masayuki, Matsubara, Daisuke	Development of AI engine diagnosis for the invasion of lung adenocarcinoma; Can AI predict the prognosis?	CANCER SCIENCE	114	0	1472	1472	2023-02	
Amano, Yusuke, Khara, Atsushi, Hasegawa, Masayo, Mura, Tamaki, Matsubara, Daisuke, Fukushima, Noriyoshi, Nishino, Hiroshi, Mori, Yoshiyuki, Niki, Toshio	Clinicopathological and Prognostic Significance of Stromal Patterns in Oral Squamous Cell Carcinoma	Frontiers in medicine	9				2022-04-01	10.3389/fmed.2022.859144
Shiba-Ishii, Ayae, Johnson, Ted W, Dagogo-Jack, Ibiyemi, Mino-Kerudson, Mart, Johnson, Theodore R, Wei, Ping, Weinrich, Scott L, McTigue, Michele A, Walcott, Makeba A, Nguyen-Phuong, Linh, Dionne, Kristin, Adler, Adam, Kiedrowski, Leslie A, Du, Andrew, Peter	Analysis of lorlatinib analogs reveals a roadmap for targeting diverse compound resistance mutations in ALK-positive lung cancer	Nature cancer	3	6	710	722	2022-06-01	10.1038/s43018-022-00399-6
Kubota, Yuji, Fujoka, Yuki, Patti, Ashwini, Takagi, Yusuke, Matsubara, Daisuke, Iijima, Masatoshi, Momose, Isao, Nakai, Ryosuke, Nakai, Kentar, Noda, Nobuo N, Takekawa, Mutsuhito	Qualitative differences in disease-associated MEK mutants reveal molecular signatures and aberrant signaling crosstalk in cancer	Nature communications	13	1	4063		2022-07-13	10.1038/s41467-022-31690-w
Maki, Masahiro, JeongMin, Hong, Nakagawa, Tomoki, Kawai, Hitomi, Sakamoto, Noriaki, Sato, Yukio, Noguchi, Masayuki	Aberrant OCAAD2 demethylation in lung adenocarcinoma is associated with outcome	PATHOLOGY INTERNATIONAL	72	10	496	505	2022-10-01	10.1111/pin.13262
Tsuyama, Fumiyuki, Kuno, Akhiro, Murata, Yoshihiko, Nakagawa, Tomoki, Shiba-Ishii, Ayae, Yaguchi, Shu, Noguchi, Masayuki	Mutational landscape of primary breast angiosarcoma with repeated resection and recurrence over a 15-year period: A case report	PATHOLOGY INTERNATIONAL	72	9	457	463	2022-07-08	10.1111/pin.13257

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松原 大祐	第3部がんの分子病理学(各論) B 臓器がん 12 肺がん	「病理と臨床」第40巻臨時増刊号「がんゲノム医療時代の分子腫瘍学」	谷田部 恭、宇崎崎 宏、北川 昌伸 監修			248	257	2022-04
河合 瞳	前癌病変	最新臨床肺癌学		80	8	253	259	2022-12
河合 瞳	びまん性特発性肺神経内分泌細胞過形成	肺癌 第2版						2022-11
河合 瞳	大細胞神経内分泌癌	肺癌 第2版						2022-11
河合 瞳	小細胞癌	肺癌 第2版						2022-11
河合 瞳	生検評価の注意点	肺癌 第2版						2022-11

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全著者名	標題	掲載誌名	巻	号	開始ページ	終了ページ	出版年月	DOI
Manevich, Lev;Okita, Yuki;Okano, Yasuhiro;Sugisawa, Takehiro;Kawanishi, Kunio;Poulakas, Thanasis;Dang, Cao, Linda T L;Zheng, Ling;Nakayama, Masahiro;Matsumoto, Shin;Tabuchi, Keiji;Kata, Mitsuyasu	Glycoprotein NMB promotes tumor formation and malignant progression of laryngeal squamous cell carcinoma	Cancer science	113	9	3244	3254	2022-04	10.1111/cas.15359
Uchida, Yoshim; Nakano, Naoki; Itoh, Fumiko; Watanabe, Yukihide; Takeito, Makoto M.; Kata, Mitsuyasu; Itoh, Susumu	Suppression of intestinal tumorigenicity by loss of TMEPAI family genes	CANCER SCIENCE	114	0	2056	2056	2023-02	

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全著者名	標題	掲載誌名	巻	号	開始ページ	終了ページ	出版年月	DOI
Kunimatsu, Jun;Akiyama, Yusuke;Toyoshima, Osamu;Matsumoto, Masayuki	A Noninvasive Method for Monitoring Breathing Patterns in Nonhuman Primates Using a Nasal Thermosensor	ENEURO	9	6	1	7	2022-11-27	10.1523/ENEURO.0352-22.2022
Imamura, Yurii; Tymula, Agnieszka; Tsubo, Yasuhiro; Matsumoto, Masayuki; Yamada, Hiroshi	A neuronal prospect theory model in the brain reward circuitry	NATURE COMMUNICATIONS	13	1	5855		2022-10-04	10.1038/s41467-022-33579-0

2. 書籍

全著者名	標題	図書名原語	編集者名	巻	号	開始ページ	終了ページ	出版年月
山田, 洋	脳の神経細胞集団が行う掛け算の仕組み	医学のあゆみ		281	3	269	271	2022-04
國松, 淳	線条体尾部による自動的な行動選択のメカニズム	ブレインサイエンス・レビュー2022				233	250	2022-04
國松, 淳	状況に応じて価値判断を変化させる脳の仕組み	医学のあゆみ				294	295	2022-04

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全著者名	標題	掲載誌名	巻	号	開始ページ	終了ページ	出版年月	DOI
Tsuneki, Hiroshi; Maeda, Takahiro; Taketa, Shinji; Sugiyama, Masanori; Otsuka, Koyuki; Ishioka, Hiroaki; Onogi, Yasuhiro; Tokai, Emi; Koshida, Chiaki; Kori, Kanata; Takasaki, Ichiro; Hamashima, Takenu; Sasahara, Masakiyo; Rudich, Assaf; Koya, Daisuke; Saki	Hypothalamic orexin prevents non-alcoholic steatohepatitis and hepatocellular carcinoma in obesity	CELL REPORTS	41	3			2022-10	10.1016/j.celrep.2022.111497
Takahashi, Tohru; Mchirano, Aisa; Kanda, Takeshi; Sato, Viviane; MAshtomi, Hiroto; Tanaka, Kazumasa; ZYokoshiki, Yasufumi; Masuda, Kosaku; Yanagisawa, Masashi; Vogt, Kaspar E.; Tokuda, Takashi; Sakurai, Takeshi	Optogenetic induction of hibernation-like state with modified human Opsin4 in mice	Cell reports methods	2	11			2022-11-21	10.1016/j.crmeth.2022.100336
Islam, Md Tarkut Rump; Florian, Tsuno, Yusuke; Kodani, Shota; Sakurai, Takeshi; Matsui, Ayako; Masjima, Takashi; Mieda, Michihiro	Vasopressin neurons in the paraventricular hypothalamus promote wakefulness via lateral hypothalamic orexin neurons	CURRENT BIOLOGY	32	18	3871	0	2022-09	10.1016/j.cub.2022.07.030
Saitoh, Tsuyoshi; Amazawa, Mao; Horuchi, Junpei; Nagumo, Yasuyuki; Yamamoto, Naoshi; Kusunura, Noriko; Ohshita, Ryuchiro; Tokuda, Akihisa; Inukayama-Tomobe, Yoko; Ogawa, Yasuhiro; Ishikawa, Yukiko; Hasegawa, Emi; Sakurai, Takeshi; Uchida, Yasuo; Sato,	Discovery of novel orexin receptor antagonists using a 1,3,5-triazabenzine bearing multiple effective residues (TriMER) library	European Journal of Medicinal Chemistry	240	5	114505		2022-10	10.1016/j.ejmech.2022.114505
N, Tsujino; M, Kieda; Hirano, Aisa; T, Sakurai	Editorial: The Role of Neuropeptides in Sleep/Wakefulness States and the Circadian Clock	Front. Neurosci.	16		913371		2022-05-09	10.3389/fnins.2022.913371
Aki, Takahashi, Romain Durand-de Cuir, Meghan E. Flanagan, Emi Hasegawa, Tomomi Tsunematsu, Hossein Aleyasin, Yoan Cherasse, Ken Miya, Takuya Okada, Kazuko Keino-Masu, Koshiro Mitsui, Long Li, Vishwendra Patel, Robert D. Bitzer, Michael Lazarus, Kenji F.	Lateral habenula glutamatergic neurons projecting to the dorsal raphe nucleus promote aggressive arousal in mice	Nature Communications	13	1	4039		2022/07/21	10.1038/s41467-022-31728-z
Fuyuki Asano, Staci J Kim, Tomoyuki Fujiyama, Chika Miyoshi, Noriko Hotta-Hirashima, Nodoka Asama, Kanako Iwasaki, Miyo Kakizaki, Selya Mauno, Michihiro Mieda, Fumihito Sugiyama, Satoru Takahashi, Shoi Shi, Aisa Hirano, Hiromasa Funato, Masashi Yanagisai	SIK3-HDAC4 in the suprachiasmatic nucleus regulates the timing of arousal at the dark onset and circadian period in mice	Proc Natl Acad Sci U S A	120	11	0		2023/03/14	10.1073/pnas.2218091120
延永, 晋吾	前脳野中心核のニューロンは社会行動および睡眠時間調節を制御する	日本薬理学会誌					2022-11	

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Sato, Megumi; Iie, Kaoru; Suda, Yasuyuki; Mauno, Tomoaki; Iie, Kenji	The RNA-binding protein Puf5 and the HMGB protein [v1] contribute to cell cycle progression through the regulation of cell cycle-specific expression of CLB1 in Saccharomyces cerevisiae	PLOS GENETICS	18	7			2022-07	10.1371/journal.pgen.1010340
Riveriera, Justin Edrian Cocuango; Sato, Megumi; Iie, Kaoru; Suda, Yasuyuki; Mauno, Tomoaki; Iie, Kenji	Regulation of CLB5 expression by the cytoplasmic deadenylase Ccr4 through its coding and 3' UTR regions	PLOS ONE	17	5			2022-05	10.1371/journal.pone.0268283
Taguchi, Shodai; Suda, Yasuyuki; Iie, Kenji; Ozaki, Haruka	Automation of yeast spot assays using an affordable liquid handling robot	SLAS TECHNOLOGY	28	2	55	62	2022-12-09	10.1016/j.slat.2022.12.001

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全著者名	標題	掲載誌名	巻	号	開始ページ	終了ページ	出版年月	DOI
Shashni, Babita; Tamaoki, Junya; Kobayashi, Makoto; Nagasaki, Yuko	Design of a New Self-assembling Antioxidant Nanomedicine to Ameliorate Oxidative Stress in Zebrafish Embryos	ACTA BIOMATERIALIA	199	0	367	381	2023-03	10.1016/j.actbio.2023.01.012
Watanabe, A; Muraki, K; Tamaoki, J; Kobayashi, Makoto	Soy-derived equol induces antioxidant activity in zebrafish in an Nrf2-independent manner	Int. J. Mol. Sci.	23	9	5243		2022-05	10.3390/ijms23095243
Sato, Yoshinori; Dong, Wenjing; Nakamura, Tatsuro; Mizoguchi, Naohiro; Nawaji, Tasuku; Nishikawa, Miya; Onaga, Takenori; Ikushiro, Shinichi; Kobayashi, Makoto; Teraoka, Hiroki	Transgenic zebrafish expressing rat cytochrome P450 2E1 (CYP2E1): augmentation of acetaminophen-induced toxicity in the liver and retina	Int. J. Mol. Sci.	24	4	4013		2023-02-16	10.3390/ijms24044013
Dong, Wenjing; Akasaka, Ippei; Komiyaama, Akifumi; Nakamura, Tatsuro; Mizoguchi, Naohiro; Nawaji, Tasuku; Ikushiro, Shinichi; Kobayashi, Makoto; Teraoka, Hiroki	Augmentation of pectoral fin teratogenicity by thalidomide in human cytochrome P450 3A-expressing zebrafish	PHARMACEUTICALS	16	3	368		2023-02-28	10.3390/ph16030368
Bian, Lixuan; Tamaoki, Junya; Endo, Yuko; Dong, Guili; Sato, Ayaka; Kobayashi, Makoto; Nguyen, Vu Thanh	Genetic hyperactivation of Nrf2 causes larval lethality in Keap1a and Keap1b-double-knockout zebrafish	Redox Biol.	62		102673		2023-03-14	10.1016/j.redox.2023.102673
Lichtenegger, Antonia; Tamaoki, Junya; Licandro, Rowena; Mori, Tomoko; Mukherjee, Pradipta; Bian, Lixuan; Greutert, Lisa; Makita, Shuichi; Wöhre, Adelheid; Matsusaka, Satoshi; Kobayashi, Makoto; Baumann, Bernhard; Yasuno, Yoshiaki	Longitudinal investigation of a xenograft tumor zebrafish model using polarization-sensitive optical coherence tomography	SCIENTIFIC REPORTS	12	1	15381		2022/09/13	10.1038/s41598-022-19483-z

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Burnsmetty,Arun Kumar;Nishimura,Kent;Kishimoto,Takumi;Hanzoh,Muhammad;Kuno,Akihiro;Fukuda,Aya;Hisatake,Koji	Locus-Specific Isolation of the Nanog Chromatin Identifies Regulators Relevant to Pluripotency of Mouse Embryonic Stem Cells and Reprogramming of Somatic Cells	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	23	23			2022-12-03	10.3390/jms232315242
Aoki, Hideto;Suzuki, Eichin;Nakamura, Takeshi;Onodera, Shoko;Sato, Aiko;Ohtaka, Manami;Nakanishi, Mahito;Nishimura, Ken;Sato, Atsushi;Aouma, Toshitumi	Induced pluripotent stem cells from homozygous Runx2-deficient mice show poor response to vitamin D during osteoblastic differentiation	Medical molecular morphology	55	3	174	186	2022-04	10.1007/s00795-022-00317-w
Anh, Le Phuong Hoang;Nishimura, Kent;Kuno, Akihiro;Linh, Nguyen Thuy;Kato, Tetsuo;Ohtaka, Manami;Nakanishi, Mahito;Sugihara, Eiji;Sato, Take-Aki;Hayashi, Yohei;Fukuda, Aya;Hisatake, Koji	Downregulation of Odd-Skipped Related 2, a Novel Regulator of Epithelial-Mesenchymal Transition, Enables Efficient Somatic Cell Reprogramming	Stem cells (Dayton, Ohio)	40	4	397	410	2022-04-29	10.1093/stmcls/svad012
Borsosva, Eigenitz;Nishimura, Kent;An, Yut;Takami, Miho;Li, Jingyu;Song,Dan;Matsuo-Takasaki,Mami;Lujiou,Dorien;Aizawa,Shiho;Kuno,Akihiro;Sugihara, Eiji;Yumoto, Rumiaki;Terada, Tohru;Hisatake, Koji;Hayashi, Yohei	STRUCTURALLY-DISCOVERED TRANSCRIPTION FACTOR VARIANTS ACCELERATE AND STABILIZE REPROGRAMMING TO PLURIPOTENCY	TISSUE ENGINEERING PART A	28	1	0	0	2022-04	
西村 健, 相沢 志穂, 久武 幸司	IPS 細胞誘導における X 染色体再活性化	医学のあゆみ	283	9	871	874	2022-11-26	

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Tsujii, Yusuke Kremer, Aurelien Funakawa, Toshiaki Kamagata, Koji Saito, Yuuya Aoki, Shigeki Hata, Junichi Okano, Hideyuki Kobayashi, Kenta Okada, Takuya Miya, Ken Keino-Masu, Kazuko Masu, Masayuki Hikawa-Hirazawa, Eri	Diffusion magnetic resonance tractography-based evaluation of commissural fiber abnormalities in a heparan sulfate endosulfatase-deficient mouse brain	MAGNETIC RESONANCE IMAGING	88	0	123	131	2022-05	10.1016/j.mri.2022.01.017
Takahashi, Aki, Durand-de Cuttoli, Romaric, Flanagan, Meghan E, Hasegawa, Emi, Tsunematsu, Tomomi, Aleyasin, Hossein, Cherasse, Yvan, Miya, Ken, Okada, Takuya, Keino-Masu, Kazuko, Mitsui, Koshirō, Li, Long, Patel, Vishwendra, Bilzer, Robert D, Lazarus, Mii	Lateral habenula glutamatergic neurons projecting to the dorsal raphe nucleus promote aggressive arousal in mice	NATURE COMMUNICATIONS	13	1	4039		2022-07-21	10.1038/s41467-022-31728-z

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全著者名	標題	掲載誌名	巻	号	開始ページ	終了ページ	出版年月	DOI
Senda, Mik; Kawaguchi, Atsushi; Senda, Toshiya	A comprehensive strategy for quick determination of protein structures by MR-native SAD method	ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES	78	0	0	0	2022-07	
Iijima, Masumi; Kawaguchi, Atsushi; Ogura, Yukino; Yoshimodo, Ryotaro; Kaneda, Moemi; Kera, Koiz; Kuroda, Shunichi; Nakayama, Tsutomu	Nano-visualization of the in vitro antiviral activity of black tea based on production area using a liposome-based virus membrane model	Bioscience, biotechnology, and biochemistry	86	12	1658	1669	2022-11-23	10.1093/bbb/zbac163
Sekiya, Takeshi; Ogura, Yukino; Kai, Hirayasu; Kawaguchi, Atsushi; Okawa, Shino; Hirohama, Mikako; Kuroki, Takahiro; Mori, Wataru; Hara, Akira; Hiramatsu, Yui; Hitomi, Shigemitsu; Kawakami, Yasushi; Arakawa, Yoshihiro; Manou, Kazuhiro; Chiba, Shigeru; Suzuki	TMPRSS2 gene polymorphism common in East Asians confers decreased COVID-19 susceptibility	FRONTIERS IN MICROBIOLOGY	13				2022-11	10.3389/fmicb.2022.943877
Ogura, Yukino; Chibayashi, Norihiko; Kanaho, Yasunori; Kawaguchi, Atsushi; Furukoshi, Yui	Ubiquitin-specific protease TRE17/USP6 promotes tumor cell invasion through the regulation of glycoprotein CD147 intracellular trafficking	JOURNAL OF BIOLOGICAL CHEMISTRY	298	9			2022-09-01	10.1016/j.jbc.2022.102335
Konno, Shizuko; Kobayashi, Kyotaka; Senda, Mikiko; Funai, Yuta; Seki, Yuki; Tamai, Kumi; Schakel, Laura; Sakata, Kiyosuke; Pillay, Thangamalai; Taguchi, Akhiro; Taniguchi, Atsuhiko; Guetschow, Michael; Mueller, Christa; Takeuchi, Koh; Hirohama, Mikako	SARS coronavirus 3CL protease inhibitors with an electrophilic aryl-ketone warhead	JOURNAL OF PEPTIDE SCIENCE	28	3			2022-08	
Kuroki, Takahiro; Hatta, Tomohisa; Natsume, Tohru; Sakai, Nobuaki; Yagi, Akira; Kato, Kosuke; Nagata, Kiyosuke; Kawaguchi, Atsushi	ARHGAP1 Transported with Influenza Viral Genome Ensures Integrity of Viral Particle Surface through Efficient Budzone Formation	MBIO	13	3			2022-04	10.1128/mbio.00721-22

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全著者名	標題	掲載誌名	巻	号	開始ページ	終了ページ	出版年月	DOI
Mizuno, Kohsuke; Mats, Maree; Tozshiko, Nagamuru; Ahiro, Kaga; Satou, Hiroyasu; Soichi, Funakawa; Kenji, Tanaka; Morikawa, Kazuya	Novel multicellular prokaryote discovered next to an underground stream	eLife	11				2022-10	10.7554/eLife.71920
Ushijima, Yut; Abe, Haruka; Moadinga, Marlen J V M; Ondo, Georgelin Nguema; Bikangu, Rodrigue; Agnandji, Seldji T; Leit, Bertrand; Yasuda, Jiro	Re-emergence of dengue, chikungunya, and Zika viruses in 2021 after a 10-year gap in Gabon	WID Regions (Online)	5		68	71	2022-12-01	10.1016/j.widreg.2022.08.013
Maree, Mais; Nguyen, Le Thuy Thi; Ohniva, Ryo; Suke, L-jigashide, Masato; Msadek, Tarek; Morikawa, Kazuya	Natural transformation allows transfer of SCCmec-mediated methicillin resistance in <i>Staphylococcus aureus</i> biofilms	Nature Communications	13	1	2477		2022-05	10.1038/s41467-022-29877-2
Abe, Haruka; Ushijima, Yut; Bikangu, Rodrigue; Ondo, Georgelin Nguema; Moure, Ayong; Yali-Assy-Oyamli, Yoric; Yoshikawa, Rokusuke; Leit, Bertrand; Adenigba, Ayola A; Yasuda, Jiro	Long-term validation of a reverse transcription loop-mediated isothermal amplification (RT-LAMP) assay for the rapid detection of SARS-CoV-2 from March 2020 to October 2021 in Central Africa, Gabon	PLoS neglected tropical diseases	16	12			2022-12-01	10.1371/journal.pntd.10010964
Ozeki, Takehiro; Abe, Haruka; Ushijima, Yut; Nze-Nkogue, Chimène; Akomo-Okoue, Etienne F; Ella, Ghislain W E; Koumba, Lilian B M; Nso, Brandy C B B; Mintsa-Nguema, Rodrigue; Makouloutou-Nzassi, Patrice; Makanga, Boris K; Nguele, Fred L M; Ondo, Georgelin	Identification of novel orthornaviruses from rodents and shrews in Gabon, Central Africa	The Journal of general virology	103	10			2022-10-01	10.1099/jgv.00001796
Abe, Haruka; Ushijima, Yut; Bikangu, Rodrigue; Ondo, Georgelin Nguema; Leit, Bertrand; Adenigba, Ayola A; Yasuda, Jiro	Delays in the arrival of the waves of COVID-19: a comparison between Gabon and the African continent	The Lancet Microbe	3	7	0		2022-07-01	10.1016/S2666-5247(22)00081-X

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Kiss, L, Daniele(Masudwan, DeepikaHo, CKiongColakan, Nwa)	Editorial: mRNA Translational Control as a Mechanism of Post-transcriptional Gene Regulation	FRONTIERS IN MOLECULAR BIOSCIENCES	9				2022-06	10.3389/fmols.2022.947516
Meyers Thomas David, Mathis Bryan J, Ho Kiong, Morkawa Kazuya, Hisatsuke Koji	Factors Affecting Undergraduate Medical Science Students' Motivation to Study during the COVID-19 Pandemic	MDPI	12	9			2022-09	10.3390/educsci12090628

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Matsuo, Tomohetlguchi-Manske, AkiraShibuya, AkiraShibuya, Kazuko	CD155 mutation (A667Th) increases the binding affinity for and the signaling via an inhibitory immunoreceptor TIGIT	Cancer science	113	11	4001	4004	2022-11-01	10.1111/cas.15526
Nishiyama, Nanako, Nakahashi-Oda, Chigusa, Shibuya, Akira	Interferon-beta promotes the survival and function of induced regulatory T cells	Cytokine	158	0			2022-10	10.1016/j.cyto.2022.156009
Lagrange, Maria, Sanchez-Acosta, Gabriela, Kitzmuller, Claudia, Copic, Dragan, Gruber, Florian, Altenburger, Lukas Matthäus, Vorstandtschneider, Vera, Gugel, Alfred, Drexler, Martin, Klas, Katharina, Bormann, Daniel, Peterbauer, Anja, Shibuya, Akira, Böhm	The secretome of irradiated peripheral blood mononuclear cells attenuates activation of mast cells and basophils	EBIOMEDICINE	81	0			2022-07	10.1016/j.ebiom.2022.104093
Geerdink, Ruben J Ramos, Marie Inés PascoalHoogen, Luuk L van derRoodstake, Timothy R D JShibayama, ShiroShibuya, AkiraBort, LouisMeyeraand, Linde	Differential isoform expression of Allegh-1 during acute and chronic inflammation	IMMUNITY INFLAMMATION AND DISEASE	10	12			2022-12	10.1002/ki3.739
Myeshita, DaisukeShoue, RyotaTsuno, TakahiroOkuyama, TomokoKyohara, MayuNakahashi-Oda, ChigusaNishiyama, KuniyukiFukushima, SetsukoNada, YutaroTogashi, YuShibuya, AkiraTerauchi, YasuoShirakawa, Jun	Protective effects of S100A8 on sepsis mortality: Links to sepsis risk in obesity and diabetes	Science	25	12			2022-12-22	10.1016/j.sci.2022.105662
Oscar A Aguilar, Maria D R Gonzalez-Hingosa, Janice S Arakawa-Hoyt, Alberto J Milan, Dagnar Gotthardt, Nabekura Tsukasa, Lewis L Lanier	The CD16 and CD32b-Fc-gamma receptors regulate antibody-mediated responses in mouse natural killer cells	Journal of Leukocyte Biology	113	1	27	40	2023-	10.1093/jleuko/qjac003
Oh-Oka, Kyoko, Abe, Fumie, Shibuya, Akira, Shibuya, Kazuko	CD96 Blockade Ameliorates Imiquimod-Induced Psoriasis-like Dermatitis via Suppression of IL-17A Production by Dermal $\gamma \delta$ T Cells	The Journal of Immunology	209	12	2313	2321	2022-10-28	10.4049/jimmunol.2200502
Murata Rikio , Kinoshita Shota , Matsuda Kenshiro , Kawaguchi Atsushi , Shibuya, AkiraShibuya, Kazuko	G307S DNAM-1 Mutation Exacerbates Autoimmune Encephalomyelitis via Enhancing CD4+ T Cell Activation	The Journal of Immunology	209	12	2304	2312	2022-12	10.4049/jimmunol.2200608
小泉仁志小田 ちぐさ渋谷彰	CD300a 阻害による脳障害後の神経再生の増進	医学のあゆみ	284	11	892	893	2023-03	
新谷（中村）優歩渋谷 和子	炎症性癌における免疫活性化受容体 DNAM-1 の役割	臨床免疫・アレルギー科	78	2	231	237	2022	

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Kidoguchi, Masanori(Mori, Wataru(Noguchi, Emiko(Yuda, Atsushi(Ogawa, Yukiyo(Nakamura, Takako(Kiuchi, Hirotsugu(Kouzuki, Hideaki(Arai, Hiroyuki, Reiko(Adachi, Naoko(Koyama, Katsuko(Ninomiya, Takahiro(Moto, Yoshinori(Sakashita, Masafumi(Fujieda, Shigeh	HLA-DRB1*05:01 genotype is associated with poor response to sublingual immunotherapy for Japanese cedar pollinosis	ALLERGY	77	5	1633	1635	2022-05	10.1111/all.15254
Hayashi, Daisuke(Noguchi, Emiko(Maruo, Kazushichi(Hara, Monami(Nakayama, Shoji F(Takada, Hidetoshi(Group, the Japan Environment and Children's Study	Maternal BMI and allergy in children until 3 years of age (JECS)	Journal of Allergy and Clinical Immunology	1	2	43	50	2022-05	10.1016/j.jaci.2022.02.003
Sakai, Kazuya, Miyadera, Hiroko, Kubo, Masayuki, Nakajima, Fumiaki, Matsumoto, Masanori	Overlapping ADAMTS13 peptide binding profiles of DRB1∗08:03 and DRB1∗11:01 suggest a common etiology of immune-mediated thrombotic thrombocytopenic purpura	JOURNAL OF THROMBOSIS AND HAEMOSTASIS	21	3	616	628	2023-03-01	10.1016/j.jtha.2022.09.002
渡井 和哉,森名 正隆,田中 美樹,堀越 一喜,宮寺 浩子,松本 雅明	免疫性血栓性血小板減少性紫癜病と HLA	日本組織適合性学会誌	29	1	42	51	2022-04	10.12667/mhc.29.42

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Matsushita, Mayar, Awasawa, Motoharu, Kobayashi, Nadi, Ikushima, Yoshiko, Matsumoto, Soeda, Kotaro, Tamura-Nakano, Miwa, Muratani, Masafumi, Kobayashi, Kentz, Blüher, Matthias, Brüning, Jens C, Ueki, Kohjiro	An antisense transcript transcribed from Irs2 locus contributes to the pathogenesis of hepatic steatosis in insulin resistance	CELL CHEMICAL BIOLOGY	29	4	680		2022-04-21	10.1016/j.chembiol.2021.12.008
Nishimura, Haruki, Yoshimura, Mitsuhiko, Shimizu, Makiko, Sanada, Kenyei, Sonoda, Satoshi, Nishimura, Kazuaki, Baba, Kazuhiko, Ikeda, Naofumi, Motojima, Yasuhito, Maruyama, Takeshi, Nonaka, Yuki, Baba, Ryoko, Onaka, Tatsushi, Horishita, Takafumi, Morimoto,	Endogenous oxytocin exerts anti-nociceptive and anti-inflammatory effects in rats	COMMUNICATIONS BIOLOGY	5	1			2022-09	10.1038/s42003-022-03879-8
Miyao, Takahisa, Miyachi, Makiko, Kelly, S. Thomas, Tanocostas, Tommy, W. Ishikawa, Tatsuya, Oh, Eugene, Hirai, Soheiro, Horie, Kentz, Takakura, Yuki, Ohki, Houko, Hayama, Mio, Maruyama, Yuya, Seki, Takao, Ishii, Hiroto, Yabukami, Haruka, Yoshida, Masaki, In	Integrative analysis of scRNA-seq and scATAC-seq revealed transcript-amplifying thymic epithelial cells expressing autoimmune regulator	ELIFE	11	0			2022-05	10.7554/elife.73998
Kawaguchi, Mikio, Kawao, Naoyuki, Muratani, Masafumi, Takafuji, Yoshimasa, Ishida, Masayoshi, Kinoshita, Yuki, Takada, Yuta, Mizukami, Yuya, Ohira, Takeshi, Kaji, Hiroshi	Role of peripheral myelin protein 22 in chronic exercise-induced interactions of muscle and bone in mice	Journal of cellular physiology	237	5	2492	2502	2022-05-01	10.1002/jcp.30706
Cope, Henry, Willis, Craig R G, MacKay, Matthew J, Rutter, Lindsay A, Toft, U Shear, Williams, Philip M, Herranz, Raúl, Borg, Joseph, Bezdán, Daniel, Giacomello, Stefania, Muratani, Masafumi, Messon, Christopher E, Ethridge, Timothy, Szwedczyk, Nathaniel	Routine omics collection is a golden opportunity for European human research in space and analog environments	PATTERNS	3	10			2022-10-14	10.1016/j.patter.2022.100550

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Kunoh, TatsukiYamamoto, TatsuyaPrasad, ManojOno, ErikoLi, XiaojieSugimoto, ShinyaIda, EijiObana, NaomizuTakeda, MinoruNomura, NobuhikoUtada, Andrew Shinichi	Porous Pellicle Formation of a Filamentous Bacterium, Leptothrix	Applied and Environmental Microbiology	88	23			2022-12	10.1128/aem.01341-22
Myakoshi, Masatoshi, Morita, Teppei, Kobayashi, Asaki, Berger, Armin, Takehashi, Hiroki, Gotoh, Yasuhiko, Hayashi, Tetsuya, Tanaka, Ken	Glutamine synthetase mRNA releases sRNA from its 3'UTR to regulate carbon/nitrogen metabolic balance in <i>Escherichia coli</i>	eLife	11		0		2022-11-28	10.7554/eLife.82411
Kobayashi, Nobuhiko, Abe, Kimihiko, Akagi, Sachiko, Kitamura, Mayu, Shirashi, Yoshitake, Yamaguchi, Aki, Yutani, Masahiro, Amatsu, Shoji, Matsumura, Takahiro, Nomura, Nobuhiko, Ozaki, Noriyuki, Obana, Naomizu, Fujinaga, Yukiko	Membrane Vesicles Derived From <i>Clostridium botulinum</i> and Related Clostridial Species Induce Innate Immune Responses <i>in vitro</i>	Frontiers in microbiology	13				2022-04-01	10.3389/fmicb.2022.720308
Abe, Kimihiko, Kato, Hiroki, Yamamoto, Tatsuya, Hasegawa, Yuta, Nomura, Nobuhiko, Obana, Naomizu	Visualization and characterization of spore morphogenesis in <i>Paenibacillus polymyxa</i> ATCC35664	JOURNAL OF GENERAL AND APPLIED MICROBIOLOGY	68	2	79	86	2022-04	10.2323/jgan.2021.10.006
Kikuchi, Yosuke, Toyofuku, Masanori, Ichinaka, Yuki, Kyokawa, Tatsunori, Obana, Naomizu, Nomura, Nobuhiko, Taoka, Azuma	Physical Properties and Shifting of the Extracellular Membrane Vesicles Attached to Living Bacterial Cell Surfaces	MICROBIOLOGY SPECTRUM	10	6			2022-12-21	10.1128/spectrum.02165-22
Obana, Naomizu, Takeda, Hiroaki, Crowe-McAuliffe, Callan, Iwamoto, Maouki, Egrov, Anyom A'Wu, Kelvin J'Y, Chiba, Shinobu, Murina, Victorik, Paternoga, Helge, Tresca, Ben I C, Nomura, Nobuhiko, Myers, Andrew G, Atkinson, Gemma C, Wilson, Daniel N, Haury	Genome-encoded ABCF factors implicated in intrinsic antibiotic resistance in Gram-positive bacteria VmrZ, Ard1, and CplR	NUCLEIC ACIDS RESEARCH	51	9	4536	4554	2023-03	10.1093/nar/gkad193

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Ngo, Nhat-Hoang/Chang, Yun-Hsuan/Vuong, Cat-Khanh/Yamashita, Toshiharu/Obata-Yasukaka, Manat-Hamada, Hiromi/Osaka, Motoch-Hiramatsu, Yuji/Ohneda, Osamu	Transformed extracellular vesicles with high angiogenic ability as therapeutics of distal ischemic tissues	Frontiers in Cell and Developmental Biology					44774	10.3389/fcell.2022.869850
Nguyen, Hoi-Nga Thi/Gawahara, Marie/Vuong, Cat-Khanh/Fukushige, Mizuho/Yamashita, Toshiharu/Ohneda, Osamu	SARS-CoV-2 M Protein Facilitates Malignant Transformation of Breast Cancer Cells	FRONTIERS IN ONCOLOGY	12				44713	10.3389/fonc.2022.923467
Nguyen, Hoi-Nga Thi/Gawahara, Marie/Khanh, Vuong Cat/Fukushige, Mizuho/Yamashita, Toshiharu/Ohneda, Osamu	SARS-CoV-2 M Protein Facilitates Malignant Transformation of Breast Cancer Cells	FRONTIERS IN ONCOLOGY					44713	10.3389/fonc.2022.923467.
Fukushige, Mizuho, Ngo, Nhat-Hoang, Lukmento, Donny, Fukuda, Shinichi, Ohneda, Osamu	Effect of the COVID-19 pandemic on antibiotic consumption: A systematic review comparing 2019 and 2020 data	FRONTIERS IN PUBLIC HEALTH	10				44835	10.3389/fpubh.2022.946077
Fukushige, Mizuho, Syue, Ling-Shang, Morikawa, Kazuya, Lin, Wen-Liang, Lee, Nan-Yao, Chen, Po-Lin, Ko, Wen-Chien	Trend in healthcare-associated infections due to vancomycin-resistant Enterococcus at a hospital in the era of COVID-19: More than hand hygiene is needed	JOURNAL OF MICROBIOLOGY AND IMMUNOLOGY INFECTION	55	025138888 888888888	1211	1218	44780	10.1016/j.jm.2022.08.003
Chang, Yun-Hsuan/Vuong, Cat-Khanh/Ngo, Nhat-Hoang/Yamashita, Toshiharu/Ye, Xuca/Futamura, Yasunori/Fukushige, Mizuho/Obata-Yasukaka, Manat-Hamada, Hiromi/Osaka, Motoch-Hiramatsu, Yuji/Sakurai, Tetsuya/Ohneda, Osamu	Extracellular vesicles derived from Wharton's Jelly mesenchymal stem cells inhibit the tumor environment via the miR-125b/HIF1 α signaling pathway	Scientific reports	12	1			44774	10.1038/s41598-022-17767-y
Chang, Yun-Hsuan/Ngo, Nhat-Hoang/Khanh, Vuong, Cat/Yamashita, Toshiharu/Osaka, Motoch-Hiramatsu, Yuji/Ohneda, Osamu	Type 2 Diabetes Mellitus Promotes the Differentiation of Adipose Tissue-Derived Mesenchymal Stem Cells into Cancer-Associated Fibroblasts, Induced by Breast Cancer Cells	STEM CELLS AND DEVELOPMENT	31	0	669	671	44743	10.1089/scd.2022.0086

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Shindo, Miyuki; Miyado, Kenji; Kang, Woojin; Fukami, Miki; Miyado, Mami	Efficient Superovulation and Egg Collection from Mice	Bio-protocol	12	11			2022-06-05	10.21769/BioProtoc.4439
Bar, Sato, Juwa, Kim, Kazunori, Morohashi, Woojin, Kang, Kenji, Miyado, Fumionori, Tsutetsu, Natsuko, Kawano, Tomoki, Chiba	Proteasome-Associated Proteins, PA200 and ECPAS, Are Essential for Murine Spermatogenesis	BIOMOLECULES	13	4	586		2023-03-24	10.3390/biom13040586
Daki, Kataro, Woojin, Kang, Yuchiro, Harada, Natsuko, Kawano, Mami, Miyado, Takako, Sato, Mio, Fukuda, Mitsutoshi, Yamada, Kenji, Miyado	Sodium Hexametaphosphate Serves as an Inducer of Calcium Signaling	BIOMOLECULES	13	4	577		2023-03-23	10.3390/biom13040577
Shinga, Kenta, Iwata, Takahiro, Murata, Kazuya, Daitoku, Yokoi, Michihito, Junya, Arafles, Jan, Vincent, V, Sakamoto, Kentaou, Akishiba, Misao, Taketani-Nakase, Tomoka, Mizuno, Seiya, Sugiyama, Fumihiko, Imanishi, Miki, Fukaki, Shiroh	L17TER4: A cell-permeable attenuated cationic amphiphilic lytic peptide	Biorganic & medicinal chemistry	61				2022-05-01	10.1016/j.bmc.2022.116728
Yamatoya, Kenji, Nagai, Yuuya, Teramoto, Naotsumi, Kang, Woojin, Miyado, Kenji, Nakata, Kazuya, Yagi, Tohru, Miyamoto, Yoshitaka	Dimethyl Sulfoxide-Free Cryopreservation of Differentiated Human Neuronal Cells	Biopreservation and biobanking					2023-02-23	10.1089/bio.2022.0180
Kitamura, Yuka, Suzuki, Ayumu, Uenishi, Kousuke, Nishimoto, Mitsuaki, Mizuno, Seiya, Takahashi, Satoru, Okuda, Akihiko	Alternative splicing for germ cell-specific Mga transcript can be eliminated without compromising mouse viability or fertility	DEVELOPMENT, GROWTH & DIFFERENTIATION	64	0	409	416	2022-09	10.1111/dgd.12806
Ogonuki, Naomichi, Kyngjoku, Hirohisa, Hino, Toshiaki, Osawa, Yuki, Fujiwara, Yasuhiro, Inoue, Kimiko, Kunieda, Tetsuo, Mizuno, Seiya, Tateno, Hiroaki, Sugiyama, Fumihiko, Kitajima, Tomoya, S, Ogura, Atsuo	Birth of mice from meiotically arrested spermatocytes following biparental meiosis in halved oocytes	EMBO REPORTS	23	7			2022-07	10.15252/emb.202254992
Morino, Kenji, Kunimura, Kazumichi, Sugiyama, Yuki, Izumi, Yoshihiro, Matsubara, Keisuke, Akijoshi, Sayaka, Maeda, Rie, Hiratani, Kenichiro, Sakata, Daiji, Mizuno, Seiya, Takahashi, Satoru, Bamba, Takeshi, Urano, Takehito, Fukui, Yoshinori	Cholesterol sulfate limits neutrophil recruitment and gut inflammation during mucosal injury	FRONTIERS IN IMMUNOLOGY	14	0			2023-03	10.3389/fimmu.2023.1131146
Paranemelli, Samira; Zhou, Qi, Zhou, Qir, Wanika, Bettina; Zhao, Lei, Nishimura, Toshiko; Leung, Thomas H, Mizuno, Seiya, Ito, Mamoru, Myles, Timothy; Stuhlg, Thomas M; Moros, John; Leung, Lawrence L, K	Thrombin cleavage of osteopontin initiates osteopontin's tumor-promoting activity	JOURNAL OF THROMBOSIS AND HAEMOSTASIS	20	5	1256	1270	2022-05-01	10.1111/jth.15663
Y, Takezawa, M, Iwai, Y, Fujikiri, Y, Komazaki, Y, Kishigami, M, Miyado, N, Kawano, M, Yamada, M, Shindo, B, Sato, D, Katano, S, Kanji, C, Hanatani, M, Tanaka, A, Umezawa, K, Woojin, K, Miyado	Embryonic β -Catenin Is Required for Priming of the Uterus to Implantation	Laboratory Investigation			100026	100026	2023-01	10.1016/j.jbmr.2022.100026
Kang, Woojin, Kataro, Daki, Kawano, Natsuko, Miyado, Mami, Miyado, Kenji	Extra-mitochondrial citrate synthase controls cAMP-dependent pathway during sperm acrosome reaction in mice	microPublication biology	2022		13057		2022-04-01	10.17912/micropub.biology.000579
Ojima, Kenzo, Kakegawa, Wataru, Yamasaki, Takaki, Mura, Yuta, Itoh, Masayuki, Michibata, Yukiko, Kubota, Ryuu, Daura, Tomohiro, Mura, Eriko, Nonaka, Hiroshi, Mizuno, Seiya, Takahashi, Satoru, Yuzaki, Michiaki, Hamachi, Itaru, Kiyonaka, Shigeki	Coordination chemogenetics for activation of GPCR-type glutamate receptors in brain tissue	NATURE COMMUNICATIONS	13	1			2022-06	10.1038/s41467-022-30828-0
Kim, Pyunggang, Park, Jinah; Lee, Dong-Joon; Mizuno, Seiya; Shinohara, Masahiro; Hong, Chang, Pyo, Jeong, Yealeen; Yun, Rebecca; Park, Hyejeon; Park, Sujin; Yang, Kyung-Min; Lee, Min-Jung; Jang, Seung-Pil; Kim, Hyun-Yi; Lee, Seung-Jun; Song, Sun-U; Park,	Mest4 determines the cell fate of MSCs for bone and cartilage development	NATURE COMMUNICATIONS	13	1			2022-07	10.1038/s41467-022-31697-3
Kang, Woojin; Ikeda, Eri, Arita, Mitsuyoshi; Tatum, Kunko; Yonezawa, Hitomi; Yoshida, Miki; Katano, Daki; Onozawa, Kae; Kaneko, Eriko; Iwasaki, Wakako; Naito, Natsuko; Yamada, Mitsutoshi; Kawano, Natsuko; Miyado, Mami; Sato, Bari; Sato, Hidekazu; Sait	Trehalose Suppresses Lysosomal Anomalies in Supporting Cells of Oocytes and Maintains Female Fertility	Nutrients	14	10	2156		2022-05-22	10.3390/nu14102156
Maruta, Toyoki, Hidaka, Kotaro, Kuroki, Satoshi, Koshida, Tomohiro, Kurogi, Miki, Kage, Yohko; Mizuno, Seiya, Shirasaka, Tetsuo; Yanagita, Toshinori, Takahashi, Satoru; Takeya, Ryuz, Tsuneyoshi, Isao	Selective optogenetic activation of Na_v-V_β-1.7-expressing afferents in Na_v-V_β-1.7-ChR2 mice induces noxious behavior without affecting responses to mechanical and thermal stimuli	PLOS ONE	17	10			2022-10	10.1371/journal.pone.0275751
Amano, Fuyuki; Kim, Seol-I; Fujiyama, Tomoyuki; Miyoshi, Chika; Hotta-Hirashima, Noriko; Asama, Naodoku; Iwasaki, Kanako; Kakizaki, Myo; Mizuno, Seiya; Miida, Michihito; Sugiyama, Fumihiko; Takahashi, Satoru; Shi, Shou; Hirano, Arika; Funato, Hiromasa, Y	SRG-HDAC4 in the suprachiasmatic nucleus regulates the timing of arousal at the dark onset and circadian period in mice	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	120	11			2023-03-14	10.1073/pnas.2218209120
Hayashi, Yoshiko; Kashiho, Soshiro; Muromoto, Kazutoshi; Hino, Shinjiro; Kang, Woojin; Miyado, Kenji; Nakao, Mitsuyoshi; Mura, Masayuki; Kobayashi, Satoru; Namiha, Masakazu	Biosynthesis of S-adenosyl-methionine enhances aging-related defects in Drosophila oogenesis	Scientific reports	12	1	5593		2022-04-04	10.1038/s41598-022-09424-1
Horie, Tetsuhiko, Fukusawa, Kazuya, Yamada, Takanori, Mizuno, Seiya, Itozaki, Takashi, Tokumura, Kazuya, Iwahashi, Sayuki, Sakai, Shiro, Saito, Akane; Kubo, Takuya; Osumi, Ryoma; Tomizawa, Akane; Ochi, Hiroki; Sato, Shingo; Kaneda, Katsuyuki; Takahashi, S	Erk5 in Bone Marrow Mesenchymal Stem Cells Regulates Bone Homeostasis by Preventing Osteogenesis in Adulthood	Stem cells (Dayton, Ohio)	40	4	411	422	2022-04-29	10.1093/stmcls/svac011
Tsukimoto, Shota; Hakata, Yoshiyuki; Tsuji-Kawahara, Sachiko; Enya, Takuji; Tsukamoto, Tetsuo; Mizuno, Seiya; Takahashi, Satoru; Nakao, Shinichi; Miyazawa, Masaaki	Distinctive High Expression of Antiretroviral APOBEC3 Protein in Mouse Germinal Center B Cells	VIRUSES-BASEL	14	4			2022-04	10.3390/v14040832

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Kadokawa, Hiroyo, Yoshino, Ryunosuke, Saito, Risa, Hirokawa, Takatsugu	Chemosynthetic ethanolanine plasmalogen stimulates gonadotropin secretion from bovine gonadotrophs by acting as a potential GPR61 agonist	ANIMAL REPRODUCTION SCIENCE	241				2022-05-13	10.1016/j.anireprosci.2022.106992
Sakamoto, Kotaro, Asano, Satoshi, Ago, Yuki, Hirokawa, Takatsugu	AlphaFold version 2.0 elucidates the binding mechanism between VIPR2 and KS-133, and reveals an S-S bond (Cys25)-Cys(192)) formation of functional significance for VIPR2	BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS	636	1	10	16	2022-12	10.1016/j.bbrc.2022.10.071
Tabata, Junya, Nakaoku, Takashi, Araki, Mitsugu, Yoshino, Ryunosuke, Kohsaka, Shinji, Otsuka, Ayaka, Ikegami, Masahiko, Ui, Ayako, Kanno, Shin-ichiro, Miyoshi, Keiko, Matsumoto, Shigeyuki, Sagae, Yukari, Yasui, Akira, Sekijima, Masakazu, Mano, Hiroaki	Novel Calcium-Binding Ablating Mutations Induce Constitutive RET Activity and Drive Tumorigenesis	CANCER RESEARCH	82	20	3751	3762	2022-10-17	10.1158/0008-5472.CAN-22-0834
Bergant, Valter, Yarnada, Shintaro, Grass, Vincent, Tsukamoto, Yuta, Lavacca, Teresa, Krey, Karsten, Muhlfelder, Maria-Teresa, Wittmann, Sabine, Ersser, Amin, Herrmann, Alexandra, Vom Herdt, Anja, Tonita, Yuriko, Matsuyama, Shitoku, Hirokawa, Takatsugu, Hu	Attenuation of SARS-CoV-2 replication and associated inflammation by concomitant targeting of viral and host cap 2'-O-ribose methyltransferases	EMBO JOURNAL	41	17			2022-09	10.15252/embo.2022111608
Hirokawa, Takatsugu	[In-Silico Drug Discovery-Support-Current Situation and Challenges]	Gan to kagaku ryoho. Cancer & chemotherapy	49	4	359	364	2022-04-01	
Yanagisawa, Ketsuke, Yoshino, Ryunosuke, Udo, Genki, Hirokawa, Takatsugu	Inverse Mixed-Solvent Molecular Dynamics for Visualization of the Residue Interaction Profile of Molecular Probes	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	23	9			2022-04-26	10.3390/ijms23094749
Takeda, Hironori, Busto, Jon V, Lindau, Caroline, Tsutsumi, Akihisa, Tomi, Kentaro, Imai, Kenichiro, Yamamoto, Yui, Hirokawa, Takatsugu, Motono, Chi, Ganesan, Iniyar, Wenz, Lena-Sophie, Becker, Thomas, Kikkawa, Masahide, Planzer, Nikolaus, Wiedemann, Nili	A multipoint guidance mechanism for β-barrel folding on the SAM complex	NATURE STRUCTURAL & MOLECULAR BIOLOGY	30	2	176	187	2023-02-01	10.1038/s41594-022-00897-2
Asanitsu, Kazuo, Hirokawa, Takatsugu, Okamoto, Takashi	Identification of a novel CDK9 inhibitor targeting the intramolecular hidden cavity of CDK9 induced by Tat binding	PLOS ONE	17	11			2022-04-01	10.1371/journal.pone.0277024
Tsukamoto, Yuta, Hirono, Takahiro, Yarnada, Shintaro, Matsuno, Kenta, Faust, Aileen, Clift, Tobias, Hou, Jianyu, Namaswamy, Vigneshwaran, Vom Herdt, Anja, Sugimoto, Satoshi, Ng, Jin Ying, Christensen, Maria H, Tesfamariam, Yonas M, Wolter, Steven, Juranek,	Inhibition of cellular RNA methyltransferase abrogates influenza virus capping and replication	SCIENCE	379	6632	586	591	2023-02-10	10.1126/science.adf0875
Watanabe-Takahashi, Miho, Senda, Mikio, Yoshino, Ryunosuke, Hibino, Masahiro, Hama, Shinichiro, Terada, Tohru, Shimizu, Kentaro, Senda, Toshiya, Nishikawa, Kyotaka	A unique peptide-based pharmacophore identifies an inhibitory compound against the A-subunit of Shiga toxin	SCIENTIFIC REPORTS	12	1			2022-07-06	10.1038/s41598-022-15316-1

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Tsuchiya, Takahashi, Hiroki, Ozaki, Haruka	COPLS reveals cell-type-specific spatial dependence of transcriptomes in single cells	BIOINFORMATICS	38	21	4868	4877	2022-10-31	10.1093/bioinformatics/btax599
Tahara, Saeko, Tsuchiya, Takahashi, Matsumoto, Hiroaki, Ozaki, Haruka	MOCSS profile analysis clarifies the cell type dependency of transcription factor-binding sequences and cis-regulatory SNPs in humans	bioRxiv					2022-04	10.1101/2022.04.08.487641
Kokaji, Toshiya; Eto, Miki; Hatano, Atsushi; Yagi, Katsuyuki; Morita, Keigo; Ohno, Satoshi; Fujii, Masashi; Hironaka, Ken-ichi; Ito, Yuki; Egami, Riku; Uematsu, Saori; Terakawa, Akira; Pan, Yifei; Maehara, Hideaki; Li, Dongzi; Bai, Yunfan; Tsuchiya, Takaho	In vivo transomic analyses of glucose-responsive metabolism in skeletal muscle reveal core differences between the healthy and obese states	Scientific reports	12	1			2022-08-12	10.1038/s41598-022-17964-9
Arai, Yuya; Takahashi, Kō; Honnouchi, Takashi; Takahashi, Koichi; Ozaki, Haruka	SAGAS: Simulated annealing and greedy algorithm scheduler for laboratory automation	SLAS TECHNOLOGY	28	4	264	277	2023-03-28	10.1016/j.slet.2023.03.001

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Kumada, Hiroaki	Current development status of accelerator-based BNCT devices worldwide	Conference Report of Accelerator for Research and Sustainable Development			67	68	2022-06	
Kumada, Hiroaki	Current development status of the linac-based BNCT device of the IBNCT Tsukuba Project	Conference Report of Accelerator for Research and Sustainable Development			47	63	2022-06	
Ishikawa, Akihisa; Watanabe, Kenichi; Yoshihashi, Sachiko; Sakurai, Yoshinori; Kumada, Hiroaki; Tanaka, Hiroki; Uetani, Akira; Kyanagi, Yoshiaki	Development of a simple calculation tool of dose distributions in a phantom for boron neutron capture therapy	JAPANESE JOURNAL OF APPLIED PHYSICS	61	7			2022-07	10.35848/1347-4065/ac7273
Kumada, Hiroaki; Li, Yimu; Yasuoka, Kayoko; Naito, Fujio; Kurihara, Toshikazu; Sugimura, Takashi; Meshieru, Sato; Matsumoto, Yoshitake; Akira, Matsumura; Hideyuki, Sakurai; Sakae, Takeji	Current development status of BNCT001, demonstrator of a LINAC-based neutron source for BNCT	JOURNAL OF NEUTRON RESEARCH	24	0	347	358	2023-01	10.3233/jnr-220029
Hirotsuki, Kouza; Moriya, Shunsuke; Tachibana, Hidenobu; Sakae, Takeji	Detection of anatomical changes using two-dimensional x-ray images for head and neck adaptive radiotherapy	Medical physics	49	5	3288	3297	2022-05-01	10.1002/mp.15687
Tsuruma, Toshiyuki; Sakae, Takeji; Hu, Yachao; Takei, Hideyuki; Moriya, Shunsuke; Okumura, Toshiyuki; Sakurai, Hideyuki	Explainability and controllability of patient-specific deep learning with attention-based augmentation for markerless image-guided radiotherapy	Medical physics	50	1	480	494	2023-01	10.1002/mp.16095
Hirotsuki, Kouza; Moriya, Shunsuke; Akita, Tsunenichi; Yokoyama, Kazutoshi; Sakae, Takeji	Image preprocessing to improve the accuracy and robustness of mutual-information-based automatic image registration in proton therapy	PHYSICA MEDICA- EUROPEAN JOURNAL OF MEDICAL PHYSICS	101	0	95	103	2022-09	10.1016/j.ejmp.2022.08.005
池田敬中村哲之熊田 博明北村直之	1-5 BNCT 用遮蔽器具の開発	第 18 回日本中性子捕獲療法学会学術大会 抄録集			42	42	2022-10-29	
熊田 博明	1-6 BNCT 用中性子減速材の開発	第 18 回日本中性子捕獲療法学会学術大会 抄録集			42	42	2022-10-29	
増田明宏真鍋江也松本哲朗熊田博明田中進布宮智也高田真志八木沼幸太大会村哲之原野英樹英 武二	6-2 BNCT 治療中の直接ビーム照射野外の中性子線線量評価手法の実験的検討	第 18 回日本中性子捕獲療法学会学術大会 抄録集			54	54	2022-10-29	
橋本祐弥水下美穂子熊田 博明岡口寛中井啓	LSI-3 小型 OSL 線量計「nanoDot」を用いた BNCT における γ 線測定 の検討	第 18 回日本中性子捕獲療法学会学術大会 抄録集			24	24	2022-10-29	
英 武二坂部知恵寺田利子飯島未希佐藤雄己Zaboronok, Alexander; 崎野隆夫中井啓熊田博明松村哲亀川廣幸竹内英太堀谷鈴木実白川真	P4-04 BPA を標的炭素としたイオン液体の in vitro および in vivo 評価	第 18 回日本中性子捕獲療法学会学術大会 抄録集			20	20	2022-10-29	
佐藤雄宏松谷悠祐河田直行高田健太熊田 博明	加速器 BNCT 場における皮膚線量と生物学的効果比の推定に関するモデル検討	第 18 回日本中性子捕獲療法学会学術大会 抄録集			33	33	2022-10-29	
英 武二	条件付き競合的生成ネットワークを用いた CT ベース射線欠損断画像の生成	第 36 回日本放射線腫瘍学会高精度放射線外部照射部会学術大会/第 7 回放射線療法シンポジウム プログラム抄録集			121	121	2023-03	
小松文明富田哲也熊田 利之小林大輔宇野雄二英 武二	深層学習を用いた位置照合用 Cone-beam CT の画質改善に関する検討	日本放射線技術学会第 69 回関東支部研究発表大会 抄録集			135	135	2022-12	
磯村泰己神澤聡河野千恵熊田 博明英 武二	シンチレータの陽子線ビーム LET 特性の測定	日本量子医科学会 第 2 回学術大会 抄録集			14	14	2022-12	
河田健太高田健太松谷悠佐河野千恵神澤聡熊田 博明英 武二	乳癌大野陽子線ビームの評価 ～モンテカルロ法による基礎的検討～	日本量子医科学会 第 2 回学術大会 抄録集			14	14	2022-12	
高田 健太; 英 武二	粒子線治療装置と技術開発の現状：陽子線線量分布	臨床放射線	68	2	129	133	2023-02	

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Hashiguchi, Akiyo, Yamada, Hiroko, Takahashi, Satou, Honda, Keisuke	Impact of supervisors' research style on young biomedical scientists' capacity development as measured by RED, a novel index of crossdisciplinarity	Frontiers in Research Metrics and Analytics	7		990921		2022-09	

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Kano, Mayuko; Mizutani, Eiji; Homma, Shota; Masaki, Hideki; Nakauchi, Hiromitsu	Xenotransplantation and interspecies organogenesis: current status and issues	FRONTIERS IN ENDOCRINOLOGY	13	0			2022-08	10.3389/fendo.2022.963282
Sakurai, Masatoshi; Ishitsuka, Kantaro; Ito, Ryoji; Wilkinson, Adam C; Kimura, Takaharu; Mizutani, Eiji; Nishiki, Hiðkazu; Sudo, Kazuhiko; Becker, Hans Jiro; Takemoto, Hiroshi; Sano, Tsubasa; Kataoka, Ketsuke; Takehashi, Satoshi; Nakamura, Yukio; Kent,	Chemically defined cytokine-free expansion of human haematopoietic stem cells	NATURE	615	7950	127	133	2023-02	10.1038/s41586-023-05739-9
Tonka, Kohel; Shimizu, Kazuma; Nagatomo, Hiroaki; Kasai, Marko; Kato-Itoh, Megumi; Kamada, Yuki; Shibasaki, Ikue; Jeon, Hyojung; Kikuchi, Riko; Wakayama, Sayaka; Suchy, Fabian; Nakauchi, Hiromitsu; Wakayama, Teruhiko; Mizutani, Eiji	Removal of sperm tail using hypsin and pre-activation of oocyte facilitates intracytoplasmic sperm injection in mice and rats	The Journal of reproduction and development	69	1	48	52	2023-02-08	10.1262/jrd.2022-065

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加納麻弓子、水谷 英二、中内啓光	ブタの心臓異種移植成功	日経サイエンス				66	69	2022-04

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Mais Maree, Le Thuy Thi Nguyen, Ryojuki L. Ohnwa, Masato Higashide, Tarek Msadek, Kazuya Morikawa	Natural transformation allows transfer of SCCmec-mediated methicillin resistance in <i>Staphylococcus aureus</i> biofilms	Nature Communications	13	1	2477		2022 May 5	doi:10.1038/s41467-022-29877-2

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Hiddenori, Tani; Taketaro, Sadahiro; Yu, Yamada; Mari, Isom; Hiroyuki, Yamakawa; Ryo, Fujita; Yuto, Abe; Tatsuya, Akiyama; Koji, Nakano; Yuta, Kuze; Masahide, Seki; Yutaka, Suzuki; Manabu, Fujisawa; Mamiko, Sakata-Yanagimoto; Shigeru, Chiba; Keiichi, Fukuda; Masaki, Ieda	Direct Reprogramming Improves Cardiac Function and Reverses Fibrosis in Chronic Myocardial Infarction	CIRCULATION	147	3	223	238	2022-12	10.1161/CIRCULATIONAHA.121.058655
Sadeki, Shunya; Fujita, Ryo; Hayashi, Takuto; Nakamura, Ayano; Okamura, Yui; Fuseya, Sayaka; Hamada, Michito; Werabi, Eiji; Kuno, Akihiro; Ishii, Akiyo; Muratani, Masafumi; Okada, Risa; Shiba, Dai; Kudo, Takashi; Takeda, Shinichi; Takahashi, Satoru	Large Maf transcription factor family is a major regulator of fast type IIb myofiber determination	CELL REPORTS	42	4			2023-03	10.1016/j.celrep.2023.112289
Senechal, Charlotte; Fujita, Ryo; Jarret, Solene; Maiga, Arhamatoulaye; Dort, Junio; Orfi, Zakaria; Dumont, Nicolas A.; Bouvier, Michel; Colin, Crist	The adhesion G-protein-coupled receptor Gpr116 is essential to maintain the skeletal muscle stem cell pool	Cell Reports	41	7	111645		2022-11	10.1016/j.celrep.2022.111645
Baker, Nicole; Wade, Steven; Triolo, Matthew; Girgis, John; Chwastek, Damian; Larrigan, Sarah; Feige, Peter; Fujita, Ryo; Crist, Colin; Rudnicki, Michael A.; Burrelle, Yang; Khachio, Mireille	The mitochondrial protein OPA1 regulates the quiescent state of adult muscle stem cells	CELL STEM CELL	29	9	1315	1332	2022-09	10.1016/j.stem.2022.07.010

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Takeda, Kohei; Tohru, Takemasa; Fujita, Ryo	Skeletal Muscle Stem Cells: Methods and Protocols (Methods in Molecular Biology Book 2640)					273-282		2023-03

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RAJA, ERINAChengarathil, GopakumarOnem, LalithaAgo, Yen XuanTsunezum, Junshii, RyutaroSasaki, TakakoImanakaYoshida, KyokoYanagisawa, HiromiSada, Aiko	The extracellular matrix fibulin 7 maintains epidermal stem cell heterogeneity during skin aging	EMBO REPORTS					10-22	10.15252/embr.20225478

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Kawasaki, Ayuto-Naito, Ikue,Tada, Kuntso/Kusaoi, Makio/Yanashita, Kenta/Shimoyama, Kumiko/Ogawa, Noriyoshi/Tamura, Naoto/Tsuchiya, Naoyuki	Determination of whole sequences of KIR genes using long-read sequencing and its application for genetic study of KIR in ankylosing spondylitis	Modern Rheumatology	33	0	0		2023-03	
土屋尚之	全身性強皮症の疾患感受性遺伝子	皮膚科	1	5	586	593	2022-05	
川崎 綾	Fcγ受容体ファミリー多様性と疾患	炎症と免疫	30	5	405	409	2022-09	
土屋 尚之/川崎 綾	ANCA 関連血管炎の遺伝要因	日本臨床	80	8	1196	1202	2022-08	

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Ikeda, Tomohiko; Hori, Daisuke; Sasaki, Hiroaki; Komase, Yu; Doki, Shotaro; Takahashi, Tsukasa; Oi, Yuichi; Ikeda, Yu; Arai, Yoz; Muroi, Kei; Ishitsuka, Mam; Matsuura, Asako; Go, Wj; Matsuzaki, Ichijo; Sasahara, Shinichiro	Prevalence, characteristics, and psychological outcomes of workplace cyberbullying during the COVID-19 pandemic in Japan: a cross-sectional online survey	BMC PUBLIC HEALTH	22	1	1087		2022-05-31	10.1186/s12889-022-13481-6
Hori, Daisuke; Oi, Yuichi; Doki, Shotaro; Takahashi, Tsukasa; Ikeda, Tomohiko; Ikeda, Yu; Arai, Yoz; Muroi, Kei; Sasaki, Hiroaki; Ishitsuka, Mam; Matsuura, Asako; Go, Wj; Matsuzaki, Ichijo; Sasahara, Shinichiro	Ibaraki's Amabe-cho usage and its association with infection prevention behavior and fear of COVID-19: a cross-sectional preliminary survey of the Tsukuba Salutogenic Occupational Cohort Study	ENVIRONMENTAL HEALTH AND PREVENTIVE MEDICINE	27	0	17		2022-04	10.1265/ehpm.22-00052
Hori, Daisuke; Takahashi, Tsukasa; Kaneda, Yutaka; Ozaki, Akihiko; Tabuchi, Takahiro	The influence of information sources on intention changes to receive COVID-19 vaccination: A prospective cohort study in Japan	Environmental health and preventive medicine	28		10		2023-02	10.1265/ehpm.22-00266
Sato, Junko; Tsujiguchi, Hiromasa; Suzuki, Fumihiko; Hara, Akinori; Kannon, Takeyuki; Muto, Go; Hori, Daisuke; Miyagi, Sakae; Suzuki, Keita; Nakamura, Masaharu; Takazawa, Chie; Kasahara, Tomoko; Tsuboi, Hirohito; Matsui, Mie; Tajima, Atsushi; Nakamura, Hiroyuki	Relationship between social capital and depressive symptoms: Differences according to resilience and gender in the Shika study	Journal of Affective Disorders Reports	10				2022-12	10.1016/j.jadrep.2022.100421
Yu, Ikeda; Emi, Morita; Kei, Muroi; Yo, Arai; Tomohiko, Ikeda; Tsukasa, Takahashi; Nagisa, Shiro; Shotaro, Doki; Daisuke, Hori; Yuichi, Oi; Shinichiro, Sasahara; Asuka, Ishihara; Sumire, Matsumoto; Masashi, Yanagisawa; Makoto, Setoh; Ichijo, Matsuzaki	Relationships between sleep efficiency and lifestyle evaluated by objective sleep assessment: SLEep Epidemiology Project at University of Tsukuba	NAGOYA JOURNAL OF MEDICAL SCIENCE	84	3	554	569	2022-08	10.18999/nagjms.84.3.554
田原, 信一郎	ハラスメント「クラッシュヤー上問」	ドクターサロン	67	0	108	113	2023-01	
田原, 信一郎	ストレス社会を生き抜く働き方：困難を乗り越える力を高める(第6回)健康生成論をベースにした職場におけるストレス対処力向上プログラムの紹介 ～サルトジェニック・カフェの研究開発～	安全と健康	73	6	593	595	2022-6	
須藤利太郎	ストレス社会を生き抜く働き方：困難を乗り越える力を高める(第7回)パワーハラスメントから生き抜くために～健康生成論からの検討～	安全と健康	73	7	697	699	2022-07	
堀, 大介	日本におけるネットいじめの現状	心と社会	54	1	86	92	2023-03	
遠藤, 利太郎	AIを用いた職場におけるメンタルヘルス支援	臨床精神医学	26	3	299	304	2023-03	

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Hayakawa, Akira; Sano, Rie; Takahashi, Yôichirô; Fukuda, Haruki; Okawa, Takatsumi; Kubo, Rieko; Takei, Hiroyuki; Komatsu, Takakazu; Tokue, Hiroyuki; Sawada, Yusuke; Oshima, Kyôichirô; Horieka, Kie; Kominato, Yoshihiko	Post-traumatic cerebral infarction caused by thrombus in the middle cerebral artery	JOURNAL OF FORENSIC AND LEGAL MEDICINE	93				2023-01-01	10.1016/j.jflm.2022.102474
Yôichirô Takahashi, Akira Hayakawa, Rie Sano, Haruki Fukuda, Rieko Kubo, Hiroyuki Tokue, Takatsumi Okawa, Miki Kawamura, Yoshihiko Kominato	Usefulness of a tissue optical clearing technique for forensic autopsy	Journal of forensic sciences	67	3	1124	1131	2022-05	10.1111/1556-4029.14995
Sugano, Yukiko; Takahashi, Yôichirô	Heritage of Prof. Kuniyoshi Katsuyama the founder of forensic medicine in Japan	Rechtsmedizin	33	3	223	228	2023-01	10.1007/s00194-022-00609-6
Sano, Rie; Fukuda, Haruki; Kubo, Rieko; Oishi, Takao; Miyabe-Nishiwaki, Takako; Kaneko, Akihisa; Masato, Haruhisa; Takahashi, Yôichirô; Hayakawa, Akira; Yazawa, Shin; Kominato, Yoshihiko	Emergence of an erythroid cell-specific regulatory region in ABO intron 1 attributable to A- or B-antigen expression on erythrocytes in Hominoidea	SCIENTIFIC REPORTS	13	1	4947		2023-03-27	10.1038/s41598-023-31961-6
瀬江, 千史/小田, 康友/菅野, 幸子	新・医学教育概論 (9) 一医学生・看護学生に学び方を語る	学城		22	127	142	2022-12	