

研究成果の刊行に関する一覧表

書籍 なし

雑誌
令和6 (2024) 年度

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
横田翔太、浅倉弘幸、赤瀬 悟、根岸あかね、伊藤 仁、黒木絢土郎、小泉美優、岩崎直哉、北村有里恵、磯貝まや、九澤香織、林 志直、長島真美、貞升健志、(吉村和久)	市販のヒトiPS細胞由来腸管上皮細胞を用いたヒトノロウイルス分離培養方法の検討	東京健安研 74年報			2024
上間匡、遠矢真理	UJNR 有毒微生物専門部会第55回日米合同部会 食品媒介性ウイルスセッション	食品衛生研 究	74(2)	20-22	2024
岡智一郎	特集「サポウイルス」	IASR	45	205-206	2024
高木弘隆、岡智一郎	特集関連情報「サポウイルスの分離・増殖系の確立と応用」	IASR	45	221-223	2024
上間匡	特集関連情報「食品衛生におけるサポウイルス」	IASR	45	211-212	2024
Tamiya S, Matsumoto N, Kurokawa S, Nakamura Y, Takahashi Y, Sakon N, Inoue M, Koike Y, Uchida K, Yuki Y, Ushijima H, Kiyono H, Sato S.	H and B Blood Antigens Are Essential for In Vitro Replication of GII.2 Human Norovirus.	Open Forum Infect Dis.	Dec18 ; 12(1)	714	2024

Fujimoto K, Hayashi T, Yamamoto M, Sato N, Shimohigoshi M, Miyaoka D, Yokota C, Watanabe M, Hisaki Y, Kamei Y, Yokoyama Y, Yabuno, Hirose A, Nakamae M, Nakamae H, Uematsu M, <u>Sato S</u> , Yamaguchi K, Furukawa Y, Akeda Y, Hino M, Imoto S, Uematsu S.	An enterococcal phage-derived enzyme suppresses graft-versus-host disease.	Nature	632(8023)	174-181	2024
Watanabe M, Uematsu M, Fujimoto K, Hara T, Yamamoto M, Miyaoka D, Yokota C, Kamei Y, Sugimoto A, Kawasaki N, Yabuno T, Sato N, <u>Sato S</u> , Yamaguchi K, Furukawa Y, Tsuruta D, Okada F, Imoto S, Uematsu S	Targeted lysis of Staphylococcus hominis linked to axillary osmidrosis using bacteriophage-derived endolysin.	J Invest Dermatol.	144(11)	2577-2581	2024
Okii H, Niwa R, Prandee S, <u>Motooka D</u> , Onoda Y, Nakata J, Nakajima H, Oka Y, Sugiyama H, Yoshii Y, Anzai N, Nakamura S, Iida T	Identification of causative fungus from sterile abscess using metagenomic hybridization.	Access Microbiol.	6(8)	000779.v3	2024
Minami S, Kotaki T, Sakai Y, Okamura S, Torii S, Ono C, <u>Motooka D</u> , Hamajima R, Nouda R, Nurdin JA, Yamasaki M, Kanai Y, Ebina H, Maeda Y, Okamoto T, Tachibana T, Matsuura Y, Kobayashi T	Vero cell-adapted SARS-CoV-2 strain shows increased viral growth through furin-mediated efficient spike cleavage.	Microbiol Spectr	12(4)	E0285923	2024
Sada RM, Matsuo H, <u>Motooka D</u> , Kutsuna S, Hamaguchi S, Yamamoto G, Ueda A.	Clostridium butyricum Bacteremia Associated with Probiotic Use, Japan.	Emerg Infect Dis	30(4)	665-671	2024

Oka T, Li TC, Yonemitsu K, yAmi Y, Sugzaki Y, Kataoka M, Doan YH, Okemoto-Nakamura Y, Kobayashi T, Saito H, Mita T, Tokuoka E, Shibata S, Yoshida T, Takagi H.	Propagating and banking genetically diverse human sapovirus strains using a human duodenal cell line: investigating antigenic differences between strains.	J Virol.	98	e00639-2024.	2024
Yokoyama M, Doan YH, Motomura K, Saito H, Oka T.	Strong evolutionary constraints against amino acid changes in the P2 subdomain of sapovirus GI.1 capsid protein VP1.	Biochem Biophys Res Commun.	710	149878.	2024

令和5（2023）年度

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Takahashi T, Kimura R, Shirai T, Sada M, Sugai T, <u>Murakami K</u> , Harada K, Ito K, Matsushima Y, Mizukoshi F, Okayama K, Hayashi Y, Kondo M, Kageyama T, Suzuki Y, Ishii H, Ryo A, Katayama K, Fujita K, <u>Kimura H</u> .	Molecular Evolutionary Analyses of the RNA-Dependent RNA Polymerase (RdRp) Region and VP1 Gene in Human Norovirus Genotypes GII.P6-GII.6 and GII.P7-GII.6.	Viruses	15(7)	1497	2023
Doan YH, Yamashita Y, Shinomiya H, Motoya T, Sakon N, Suzuki R, Shimizu H, Shigemoto N, Harada S, Yoshihiro S, Tomioka K, Sakagami A, Ueki Y, Komagome R, Saka K, Okamoto-Nakagawa R, Shirabe K, Mizukoshi F, Arita Y, Haga K, Katayama K, Kimura H, Muramatsu M, <u>Oka T</u> .	Distribution of Human Sapovirus Strain Genotypes over the last four Decades in Japan: a Global Perspective.	Jpn J Infect Dis.	76(4)	255-258	2023
Hattori-Muroi K, Naganawa-Asaoka H, Kabumoto Y, Tsukamoto K, Fujisaki Y, Fujimura Y, Komiyama S, Kinashi Y, Kato M, <u>Sato S</u> , Takahashi D, Hase K.	α -Glucosidase inhibitors boost gut immunity by inducing IgA responses in Peyer's patches.	Front Immunol.	14	1277637	2023

Yokota C, Fujimoto K, Yamakawa N, Kono M, Miyaoka D, Shimohigoshi M, Uematsu M, Watanabe M, Kamei Y, Sugimoto A, Kawasaki N, Yabuno T, Okamura T, Kuroda E, Hamaguchi S, <u>Sato S</u> , Hotomi M, Akeda Y, Ishii KJ, Yasutomi Y, Sunami K, Uematsu S.	Prime-boost-type PspA3 + 2 mucosal vaccine protects cynomolgus macaques from intratracheal challenge with pneumococci.	Inflamm Re gen.	43(1)	55	2023
Matsumoto N, Kurokawa S, Tamiya S, Nakamura Y, Sakon N, Okitsu S, Ushijima H, Yuki Y, Kiyono H, <u>Sato S</u> .	Replication of Human Spapovirus in Human-Induced Pluripotent Stem Cell-Derived Intestinal Epithelial Cells.	Viruses	15(9)	1929	2023
Minami S, Matsumoto N, Omori H, Nakamura Y, Tamiya S, Nouda R, Nurdin JA, Yamasaki M, Kotaki T, Kanai Y, Okamoto T, Tachibana T, Ushijima H, Kobayashi T, <u>Sato S</u> .	Effective SARS-CoV-2 replication of monolayers of intestinal epithelial cells differentiated from human induced pluripotent stem cells.	Sci Rep.	13(1)	11610	2023
Hoque SA, Kotaki T, Pham NTK, Onda Y, Okitsu S, <u>Sato S</u> , Yuki Y, Kobayashi T, Maneekarn N, Kiyono H, Hayakawa S, Ushijima H.	Genotype Diversity of Enteric Viruses in Wastewater Amid the COVID-19 Pandemic.	Food Environ Virol.	15(2)	176	2023
Takahashi Y, Inoue Y, <u>Sato S</u> , Okabe T, Kojima H, Kiyono H, Shimizu M, Yamauchi Y, Sato R.	Drug cytotoxicity screening using human intestinal organoids propagated with extensive cost-reduction strategies.	Sci Rep.	13(1)	5407	2023

Suzuki Y, <u>Kimura H</u> , Katayama K.	Classification of sapovirus uses based on comparisons of phylogenetic trees for structural and non- structural proteins.	Gene Reports	34	101875	2024
Khamrin P, Kumthip K, Yodmeeklin A, Okitsu S, Motomura K, <u>Saito S</u> , Ushijima H, Maneeekarn N.	Genetic recombination and genotype diversity of norovirus GI in children with acute gastroenteritis in Thailand, 2015-2021.	J Infect Public Heal.	17(3)	379	2024
Dianty R, Hirano J, Aizawa I, Kanai Y, <u>Hayashi T</u> , Morimoto M, Kataoka- Nakamura C, Kobayashi S, Uemura K, Ono C, Watanabe T, Kobayashi T, <u>Murakami K</u> , Kikuchi K, Hotta K, Yoshikawa T, Tagawa S, Matsuura Y.	Electrolyzed hypochlorous acid water exhibits potent disinfectant activity against various viruses through irreversible protein aggregation.	Front. Microbiol.	14	1284274	2023

令和4（2022）年度

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
矢尾板 優、長谷川道弥、 浅倉弘幸、永野美由紀、林 志直、根岸 あかね、河 上麻美代、林 真輝、山崎 貴子、黒木絢士郎、磯貝 まや、北村 有里恵、加來 英美子、藤原卓土、鈴木 淳、三宅啓文、長島真美、 貞升健志、 <u>(吉村和久)</u>	東京都内で検出されたノ ロウイルスの遺伝子解析 (2021年度)	東京 健安研 七年報	73	123-130	2022
永野美由紀、浅倉弘幸、矢 尾板 優、鈴木 愛、磯貝 まや、藤原卓土、根岸あ かね、河上麻美代、伊藤 仁、黒木絢士郎、横田翔 太、北村有里恵、加來英美 子、長谷川道弥、三宅啓 文、千葉隆司、鈴木 淳、 長島真美、貞升健志、 <u>(吉 村和久)</u>	東京都の感染症発生动向 調査事業における感染性 胃腸炎のウイルス検出状 況(2019年度～2021年度)	東京 健安研 七年報	73	101-107	2022

Li TC, Kataoka M, Doan YH, Saito H, Takagi H, Muramatsu M, Oka T.	Characterization of a Human Sapovirus Genotype GII.3 Strain Generated by a Reverse Genetics System: VP2 Is a Minor Structural Protein of the Virion.	Viruses	14(8)	1649	2022
Takagi H, Oka T, Amiyama Y, Suzaki Y, Saito H.	A Human Intestinal Cell Line Suitable for the Propagation of Human Parechovirus Type 1 to 6 with a Clear Cytopathic Effect.	Jpn J Infect Dis	75(3)	318	2022
Hayashi T, Yamaoka Y, Ito A, Kamaishi T, Sugiyama R, Estes MK, Muramatsu M, Murakami K.	Evaluation of Heat Inactivation of Human Norovirus in Freshwater Clams Using Human Intestinal Enteroids.	Viruses	14	-	2022
Miyazaki N, Song C, Oka T, Miki M, Murakami K, Iwasaki K, Katayama K, Murata K.	Atomic Structure of the Human Sapovirus Capsid Reveals a Unique Capsid Protein Conformation in Caliciviruses.	J. Virol	96(9)	E0029822	2022
Yuki Y, Zuo F, Kurokawa S, Uchida Y, Sato S, Sakon N, Hammarström L, Kiyono H, Marcotte H.	Lactobacilli as a Vector for Delivery of Nanobodies against Norovirus Infection.	Pharmaceutics.	15(1)	63	2022
Noguchi M, Shimizu M, Lu P, Takahashi Y, Yamauchi Y, Sato S, Kiyono H, Kishino S, Ogawa J, Nagata K, Sato R.	Lactic acid bacteria-derived γ -linolenic acid metabolites are PPAR δ ligands that reduce lipid accumulation in human intestinal organoids.	J Biol Chem.	298(11)	102534	2022
Takahashi Y, Noguchi M, Inoue Y, Sato S, Shimizu M, Kojima H, Okabe T, Kiyono H, Yamauchi Y, Sato R.	Organoid-derived intestinal epithelial cells are a suitable model for preclinical toxicology and pharmacokinetic studies.	iScience	25(7)	104542	2022

Pham NTK, Nishimura S, Shimizu-Onda Y, Trinh QD, Komine-Aizawa S, Khamrin P, Okitsu S, <u>Sato S</u> , Kobayashi T, Maneekarn N, Hayakawa S, Ushijima H.	Emerging norovirus GII.4 Sydney[P31] causing acute gastroenteritis outbreak in children in Japan, during COVID-19, 2021.	J Infect Chemother	28(9)	1347	2022
<u>Uema M</u> , Yonemitsu K, Sasaki Y, Asakura H.	Detection of hepatitis E virus RNA from pig bile collected at a slaughterhouse in Japan	AIMS Microbiology	8(4)	566	2022
Kimura Y, Shin J, Nakai Y, Takahashi M, Ino Y, Akiyama T, Goto K, Nagata N, Yamaoka Y, Miyakawa K, <u>Kimura H</u> , Ryo A.	Development of Parallel Reaction Monitoring Mass Spectrometry Assay for the Detection of Human Norovirus Major Capsid Protein.	Viruses	14(7)	1416	2022
Honjo S, Kuronuma K, Fujiya Y, Nakae M, Ukae S, Nihira H, Yamamoto M, Akane Y, Kondo K, Takahashi S, <u>Kimura H</u> , Tsutsumi H, Kawasaki Y, Tsugawa T.	Genotypes and transmission routes of norovirus strains causing sporadic acute gastroenteritis among adults and children, Japan, 2015-2019.	Infect Gene Evol.	104	105348	2022
Nurdin JA, Kotaki T, Kawagishi T, <u>Sato S</u> , Yamasaki M, Nouda R, Minami S, Kanai Y, Kobayashi T.	N-Glycosylation of Rotavirus NSP4 Protein Affects Viral Replication and Pathogenesis.	J Virol.	97(1)	E0186122	2023

Masuda A, Man Lee J, Miyata T, <u>Sato S</u> , Masuda A, Taniguchi M, Fujita R, Ushijima H, Morimoto K, Ebihara T, Hino M, Kakino K, Mon H, Kusakabe T.	High yield production of norovirus GII.4 virus-like particles using silk worm pupae and evaluation of their protective immunogenicity.	Vaccine	41(3)	766	2023
Hoque SA, Kotaki T, P ^{ham} NTK, Onda Y, Okitsu S, <u>Sato S</u> , Yuki Y, Kobayashi T, Manee ^{karn} N, Kiyono H, Hayakawa S, Ushijima H.	Abundance of Viral Gastroenteritis before and after the Emergence of COVID-19: Molecular Evidence on Wastewater.	J Infect	86(2)	154-225	2023
Watanabe K, <u>Oka T</u> , Takagi H, Anisimov S, Yamashita SI, Katsura ^{gi} Y, Takahashi M, Hir ^{guchi} M, Kanki T, Sait ^{oh} A, Fujii M.	Myeloid-associated differentiation marker is an essential host factor for human parechovirus PeV-A3 entry.	Nat. Commun.	14(1)	1817	2023