

## 2022年（令和4年） 研究業績

講座名：熱帯医学・寄生虫病学講座

所属長名：美田 敏宏

区分	番号	学位論文	全著者名,論文名,掲載誌名, 掲載年 ; 巻 (号) : ページ番号	国際共同
英文原著	1		Mita T, Fukuda N, Balikagala B. Evidence of Artemisinin-Resistant Malaria in Africa. Reply. <b>The New England journal of medicine</b> . 2022;386:1386. 10.7717/peerj.14085	
英文原著	2		Fukuda N, Balikagala B, Ueno T, Anywar DA, Kimura E, Palacpac NMQ, Odongo-Aginya EI, Ogwang M, Horii T, Miida T, Mita T. The impact of sequestration on artemisinin-induced parasite clearance in Plasmodium falciparum malaria in Africa. <b>Clin Infect Dis</b> . 2022. 10.1093/cid/ciac944	○
英文原著	3		Nundu SS, Culleton R, Simpson SV, Arima H, Chitama BA, Muyembe JJ, Ahuka S, Kaneko O, Mita T, Yamamoto T. Identification of polymorphisms in genes associated with drug resistance in Plasmodium falciparum isolates from school-age children in Kinshasa, Democratic Republic of Congo. <b>Parasitol Int</b> . 2022;88:102541. 10.1016/j.parint.2022.102541	○
英文原著	4		Nundu SS, Arima H, Simpson SV, Chitama BA, Munyeku YB, Muyembe JJ, Mita T, Ahuka S, Culleton R, Yamamoto T. Low prevalence of Plasmodium falciparum parasites lacking pfhrp2/3 genes among asymptomatic and symptomatic school-age children in Kinshasa, Democratic Republic of Congo. <b>Malar J</b> . 2022;21:126. 10.1186/s12936-022-04153-2	○
英文原著	5		Zhang X, Ishikawa D, Nomura K, Fukuda N, Haraikawa M, Haga K, Shibuya T, Mita T, Nagahara A. Donor Screening Revisions of Fecal Microbiota Transplantation in Patients with Ulcerative Colitis. <b>Journal of clinical medicine</b> . 2022;11:1055.	
英文原著	6		Ichimura Y, Yamauchi M, Yoshida N, Miyano S, Komada K, Thandar MM, Tiwara S, Mita T, Hombhanje FW, Mori Y. Effectiveness of immunization activities on measles and rubella immunity among individuals in East Sepik, Papua New Guinea: A cross-sectional study. <b>IJID Regions</b> . 2022;3:84-8.	○
英文原著	7		Coppée R, Bailly J, Sarrasin V, Vianou B, Zinsou BE, Mazars E, Georges H, Hamane S, Lavergne RA, Dannaoui E, Balikagala B, Fukuda N, Odongo-Aginya EI, Mita T, Houzé S, Clain J. Circulation of an Artemisinin-Resistant Malaria Lineage in a Traveler Returning from East Africa to France. <b>Clin Infect Dis</b> . 2022;75:1242-4. 10.1093/cid/ciac162	○
英文原著	8		Takamiya S, Nakamura T, Tsubokawa D, Tsuji N, Fukuda K, Yamasaki H, Fujimura T, Taka H, Kaga N, Kobayashi-Tanabe M, Matsuda M, Mita T. Biochemical characterization of mitochondria from adult worms and plerocercoid larvae of <i>Spirometra mansoni</i> shows mixed populations of anaerobic and aerobic mitochondria. <b>Parasitol Int</b> . 2022;92:102695. 10.1016/j.parint.2022.102695	
英文原著	9		Janwan P, Sadaow L, Rodpai R, Yamasaki H, Luvira V, Sukeepaisarnjaroen W, Kitkhuandee A, Paonariang K, Sanpool O, Boonroumkaew P, Thanchomnang T, Mita T, Intapan PM, Maleewong W. Evaluation of total immunoglobulin G and subclass antibodies in an enzyme-linked immunosorbent assay for serodiagnosis of human amebic liver abscess. <b>PeerJ</b> . 2022;10:e14085. 10.7717/peerj.14085	○
英文原著	10		F Fredes, R Mercado, I P Salas, H Sugiyama, H Kobayashi, H Yamasaki. Morphological observation and molecular phylogeny of <i>Spirometra decipiens</i> complex 1 (Cestoda: Diphyllbothriidae) found in cat from Chile. <b>Parasitol. Int</b> . 2022; 87:102493.	○
英文原著	11		L Sadaow, R Rodpai, P Janwan, P Boonroumkaew, O Sanpool, T Thanchomnang, H Yamasaki, W Ittiprasert, V H Mann, P J Brindley, W Maleewong, P M Intapan. An innovative test for the rapid detection of specific IgG antibodies in human whole-blood for the diagnosis of <i>Opisthorchis viverrini</i> infection. <b>Trop. Med. Infect. Dis.</b> , 2022; 7:308	○
英文原著	12		J Temuujinn, G Ulzijargal, C Yeruult, Z Amarbayasgalan, T Mungunzaya, U Bayarsaikhan, J Khulan, T Wandra, M O Sato, C Gantsetseg, B Ochirkhuyag, M Sato, H Yamasaki, M Narankhajid. Distribution and prevalence of <i>Taenia hydatigena</i> , <i>Taenia multiceps</i> , and <i>Mesocestoides</i> spp. in Mongolian sheepdogs. <b>Vet. Parasitol</b> . 2022; 28:100680.	○
英文原著	13		Nurkanto A, Imamura R, Rahmawati Y, Prabandari EE, Waluyo D, Annoura T, Yamamoto K, Sekijima M, Nishimura Y, Okabe T, Shiba T, Shibata N, Kojima H, Duffy J, Nozaki T. Dephospho-Coenzyme A Kinase Is an Exploitable Drug Target against Plasmodium falciparum: Identification of Selective Inhibitors by High-Throughput Screening of a Large Chemical Compound Library. <b>Antimicrob Agents Chemother</b> . 2022 Nov 15;66(11):e0042022. doi: 10.1128/aac.00420-22	○

英文原著	14	Kolli SK, Molina-Cruz A, Araki T, Geurten FJA, Ramesar J, Chevalley-Maurel S, Kroeze HJ, Bezemer S, de Korne C, Withers R, Raytselis N, El Hebieshy AF, Kim RQ, Child MA, Kakuta S, Hisaeda H, Kobayashi H, Annoura T, Hensbergen PJ, Franke-Fayard BM, Barillas-Mury C, Scheeren FA, Janse CJ. Malaria parasite evades mosquito immunity by glutaminyl cyclase mediated post-translational protein modification. <b>Proc Natl Acad Sci U S A</b> . 2022 Aug 30;119(35):e2209729119. doi: 10.1073/pnas.2209729119.	○
英文原著	15	Thieu NQ, Chinh VD, Van Hanh T, Van Dung N, Takagi H, Annoura T, Kawai S, Masuda G, Van Tuan N, Hung VV, Nakazawa S, Culleton R, Binh NTH, Maeno Y. Reduction in Plasmodium falciparum Pfk13 and pfg377 allele diversity through time in southern Vietnam. <b>Trop Med Health</b> . 2022 Mar 1;50(1):19. doi: 10.1186/s41182-022-00409-4.	○
英文原著	16	Wada A, Umeki Y, Annoura T, Saito-Nakano Y. In Vitro and In Vivo Antiamebic Activity of Iron-Targeting Polypyridine Compounds against Enteric Protozoan Parasite Entamoeba histolytica. <b>ACS Infect Dis</b> . 2022 Mar 11;8(3):457-462. doi: 10.1021/acscinfecdis.1c00418.	
英文原著	17	YasunoriIchimuraa,MasatoYamauchib,NaokoYoshidab,ShinsukeMiyanoa,KenichiKomadaa,Moe MoeThandara,StevenTiwaraad,ToshihiroMitab,Francis WHombhanjec,YoshioMorie,MakotoTakedae,MasahikoHachiya, Effectiveness of immunization activities on measles and rubella immunity among individuals in East Sepik, Papua New Guinea: A cross-sectional study, <b>IJID Regions</b> , 2022; 3 : p84-88	
英文原著	18	Yasuaki Yanagawa, Shinji Izumiyama, Yumiko Saito-Nakano, Kumiko Nakada-Tsukui, Seiki Kobayashi, Naoko Yoshida, Yoshimi Kikuchi, Hiroyuki Gatanaga, Shinichi Oka, Tomoyoshi Nozaki, Koji Watanabe. Gene expression of axenically-isolated clinical Entamoeba histolytica strains and its impact on disease severity of amebiasis. <b>PLoS Pathog</b> .2022;30;18(9):e1010880	
英文原著	19	Arisue N, Palacpac NMQ, Ntege EH, Yeka A, Balikagala B, Kanoi BN, Bougouma EC, Tiono AB, Nebie I, Diarra A, Houard S, D'Alessio F, Leroy O, Sirima SB, Egwang TG, Horii T. African-specific polymorphisms in Plasmodium falciparum serine repeat antigen 5 in Uganda and Burkina Faso clinical samples do not interfere with antibody response to BK-SE36 vaccination. <b>Front Cell Infect Microbiol</b> . 2022; 12:1058081.	○
区分	番号	全著者名,論文名,掲載誌名, 掲載年 ; 巻 (号) : ページ番号	国際共同
英文症例報告	1	Yoshida, Naoko; Koinuma, Goro; Yoneyama, Hiroshi; Shinjoh, Masayoshi, Respiratory Condition Exacerbated While Using Broad-spectrum Antibiotic and Steroid: A Case of 1-Year-old GirlThe Pediatric Infectious Disease Journal, 2022; 41(9):p 782-785	
区分	番号	発表者名,発表タイトル (題目・演題・課題等) ,学会名,場所,発表年月日等	国際共同
国内学会発表	1	丹沢華子、美田敏宏、平井誠 マラリア原虫の適応度決定因子の探索、第91回日本寄生虫学会大会、帯広、2022.05.28	
国内学会発表	2	早道奏喜、内田絢子、美田敏宏、平井誠 第2世代ネズミマラリアミューターから単離したピペラキン感受性低下変異体のSNPs解析、第91回日本寄生虫学会大会、帯広、2022.05.28	
国内学会発表	3	早道奏喜、内田絢子、美田敏宏、平井誠 第2世代ネズミマラリアミューターから単離したピペラキン感受性低下変異体のSNPs解析 第81回日本寄生虫学会東日本支部大会・日本共生生物学会第6回大会 合同大会、東京医科歯科大学、2022.10.01	
国内学会発表	4	原田治亮、吉田菜穂子、山内祐人、Francis Hombhanje、美田敏宏 パプアニューギニアにおけるサルファドキシリン・ピリメサミンによるIPT pは継続可能か？ 第91回日本寄生虫学会大会、とかちブラザ、2022.5.29	
国内学会発表	5	森川瞭介、吉田菜穂子、山内祐人、Francis Hombhanje、美田敏宏 パプアニューギニアにおける熱帯熱マラリア原虫へのクロロキン感受性回復機序の解明 第91回日本寄生虫学会大会、とかちブラザ、2022.5.29	
区分	番号	講演者名, 講演タイトル, 学会名, 場所, 発表年月日等	国際共同
特別講演・招待講演	1	美田敏宏 藤原ナチュラルヒストリー財団 第14回シンポジウム「感染症の自然史」「ゆるやかな進化学が紐解くマラリアの薬剤耐性」 オンライン開催 2022.9.23	
特別講演・招待講演	2	Betty Balikagala, Evidence of artemisinin resistant in Uganda: PMI-supported Antimalarial Resistance Monitoring in Africa (PARMA) Webinar: Artemisinin Resistance. Webinar presentation made in Tokyo Japan March 24th 2022	
特別講演・招待講演	3	Betty Balikagala, Evidence of artemisinin resistance in Africa. Malaria: Research for impact in the COVID19 era, in Madrid Spain April 6th 2022. Oral presentation as invited speaker.	

特別講演・招待講演	4	Balikagala Betty, Evidence for artemisinin resistance in Gulu, Northern Uganda.in the American Society of Tropical Medicine and Hygiene Symposium 91 titled Emergence of artemisinin resistance in East Africa.In Seattle Washington USA. November 2nd, 2022. Oral presentation as invited speaker.	
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