DETAILED PROGRAM [Poster Session 2]

THURSDAY (AUGUST 23) 18:40~19:40				
Poster No.	**Presentation Title**	**Presenter**	**Affiliation**	**Country**
P2-001	*De novo* transcriptome sequencing and transcript profile of the *Thelazia callipaeda* vector *Phortica okadai*	Zheng Minghui	Zunyi Medical University	China
P2-002	Antibacterial effect of HP/F8 isolated from the extracts of *Hermetia illucens* larvae against *Klebsiella pneumonine*	Dong-Hun Lee	KyungHee University	Korea
P2-003	Insecticide susceptibility and biochemical analysis of *Phlebotomus argentipes*, in leishmaniasis in Sri Lanka	Nadira Karunaweera	University of Colombo	Sri Lanka
P2-004	Relationship between short-term incubation vivax malaria and *Anopheles* in the Republic of Korea	Eun Hye Kim	Sungkyunkwan University School of Medicine	Korea
P2-005	Molecular phylogeny of Hyrcanus Group	Yi Zhang	National Institute of Parasitic Diseases (NIPD)	China
P2-006	First molecular identification and phylogenetic analysis of mosquitoes in Nay Pyi Taw Union Territory, Myanmar	Si Thu Aung	University of Veterinary Science	Myanmar(Burma)
P2-007	Genetic polymorphism of *Culex quinquefasciatus* SAY, 1823 (Diptera: Culicidae) from Central Java Indonesia based on PCR-RAPD marker	Upiek Ngesti Wibawaning Astuti	Faculty of Biology University of Gadjah Mada	Indonesia
P2-008	The identification of *Aedes aegypti* strains of different vectorial capacity for *Dirofilaria immitis*	Takahiro Shirozu	Obihiro University of Agriculture and Veterinary Medicine	Japan
P2-009	The identification of phenotypes in *Dirofilaria immits*-infected *Aedes aegypti* by comparison with the established strain of the vectorial capacity	Takahiro Shirozu	Obihiro University of Agriculture and Veterinary Medicine	Japan
P2-010	A checklist of scorpions in Iran (By 2017)	Hamid Kassiri	School of Health, Ahvaz Jundishapur University of Medical Sciences	Iran
P2-011	Comparison of various methods of collecting scorpions (Arachnida, Scorpiones), their species composition and abundance in Khuzestan Province, Southwestern Iran	Hamid Kassiri	School of Health, Ahvaz Jundishapur University of Medical Sciences	Iran
P2-012	Ecological risk modelling of cutaneous leishmaniasis based on vector sand fly distribution in endemic areas of Turkey	Yusuf Ozbel	Ege University	Turkey
P2-013	Incidence and epidemiological profile of scorpion stings in northern Khuzestan Province, Southwestern Iran: A descriptive-analytical study	Hamid Kassiri	School of Health, Ahvaz Jundishapur University of Medical Sciences	Iran
P2-014	The identification of IgE binding proteins in non-biting midges (*Cricotopus bicinctus*), potentially potent producers of allergens around the river	Myunghee Yi	Yonsei University College of Medicine	Korea
P2-015	Chromosomal level genome of *Pomacea canaliculata* revealed massive gene tandem duplications for environmental adaptability and the world-wide invasion	Wei Hu	Fudan University	China
P2-016	*Nematomorpha*: demographic history and phylogeny	Boris Efeykin	Institute of Ecology and Evolution Russian Academy of Science	Russia
P2-017	Tropical bed bug, C*imex hemipterus* (Hemiptera: Cimicidae), the new species introduced into territory of the Russian Federation	Mikhail Alekseev	Scientific Research Disinfectology Institute	Russia
P2-018	The initial detection of Toscana virus in phlebotomines and flies from Turkey	Yusuf Ozbel	Ege University	Turkey
P2-019	A case of co-infection of *Taenia saginata* in a patient with hidden *Clonorchis sinensis* infection in Republic of Korea	Eun Jeong Won	Chonnam National University Medical School	Korea
P2-020	Molecular characterization and diagnostic potential of serine proteinase inhibitors from *Taenia solium*	Xuenong luo	Lanzhou Veterinary Research Institute	China
P2-021	Taeniasis and cysticercosissolium: parasitological survey, immunological and molecular identification in Thasong yang District, Tak Province, Thailand	Teera Kusolsuk	Mahidol University, Faculty of Tropical Meidicine	Thailand
P2-022	Molecular identification of human taeniid cestodes in northern Lao PDR	Dong Hee Kim	Seoul Medical University	Korea
P2-023	Molecular diagnosis of *Taenia saginata* tapeworm infection in 2 schoolchildren, Myanmar	Bong Kwang Jung	Institute of Parasitic Diseases	Korea
P2-024	Neurocysticercosis in Korea: A single center experience for 28 years	Min-Jae Kim	Asan Medical Center	Korea
P2-025	*Taenia solium* excretory secretory proteins induces Th2 phenotype in macrophages through host miRNAs and decreases their phagocytic potential	Naina Arora	Indian Institute of Technology Mandi	India
P2-026	Development of *Taenia solium* specimens in non-immunosuppressed golden hamster (*Mesocricetus auratus*) and subsequent culture in enriched medium	Ada Nelly Martínez Villalobos	UNAM	Mexico
P2-027	*Taenia solium* neurocysticercosis: The pig as an experimental animal model for the investigation of the pathological mechanisms of seizures	Chiara Trevisan	Institute of Tropical Medicine	Belgium
P2-028	A simple and effective multiplex PCR technique for detecting human pathogenic *Taenia* eggs in houseflies	Akkarin Poodeepiyasawat	Mahidol University	Thailand
P2-029	Intra- and interspecific genetic variation found in *Taenia saginata* and *T.*	Hansol Park	Chungbuk National University	Korea
P2-030	Zoonotic ocular-dirofilariasis caused human subconjunctivitis	Thawatchai Ketboonlue	Mahidol University	Thailand
P2-031	Molecular identification of human cases due to *Dirofilaria repens* from Central Italy	Simona Gabrielli	Sapienza University	Italy
P2-032	Onchocerciasis in Ifeloju LGA, Oyo State, Nigeria and the effect of some anthelminthic drugs on the microfilariae of *Onchocerca volvulus*	Alexander Acholonu	Department of Biology Alcorn State University Lorman	USA
P2-033	*Dirofilaria immitis* infection prolongation in Japan during the past decade	Yuka Fukase	Meiji univerisity	Japan
P2-034	Immunolocalization and extraction optimization of thioredoxin reductase (TrxR) from bovine filarial parasite *Setaria cervi*	Nikhilesh Joardar	Visva-Bharati University	India
P2-035	Clinical features of gnathostomiasis in full sequence with completefollow-up	Dorn Watthanakulpanich	Mahidol University	Thailand
P2-036	Retrospective and prospective analyses of 24 kDa-diagnostic band for gnathostomiasis spinigerum and other species of *Gnathostoma* infections	Lssariya Leamsuwan	Mahidol University	Thailand
P2-037	Update evaluation of 24-kDa antigen of *Gnathostoma spinigerum* for detection of human gnathostomiases	Paron Dekumyoy	Mahidol University	Thailand
P2-038	Review and retrospective study of *Gnathostoma* in the province of Guayas - Ecuador: 2009-2017	Glenda Llaguno	Universidad Agraria del Ecuador	Ecuador
P2-039	Human ocular parasites found in Myanmar (2009-2017)	Thi Thi Htoon	National Health Laboratory	Myanmar(Burma)
P2-040	Bacillary bands – The forgotten organ of the Trichinelloidea	Wieslaw Kozek	University of Puerto Rico	PuertoRico
P2-041	Cloning, expression and identification of *Trichinella britovi* 14-3-3-like protein 2 (14-3-3-LP2)	Anna Stachyra	Witold Stefański Institute of Parasitology, Polish Academy of Sciences	Poland
P2-042	Cloning, expression and identification of *Trichinella britovi* multi-cystatin-like domain protein (CLP)	Anna Stachyra	Witold Stefański Institute of Parasitology, Polish Academy of Sciences	Poland
P2-043	*Trichinella britovi* muscle larvae and adult worms: Stage-specific and common antigens detected by two dimensional gel electrophoresis (2-DE) based immunoblotting	Sylwia Grzelak	Witold Stefanski Institute of Parasitology, Polish Academy of Sciences	Poland

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P2-044	The use of recombinant *Trichinella papuae* tissue type plasminogen activator protein as a species-specific diagnostic antigen for serodiagnosis of human trichinellosis papuae	Panupong Sahaisook	Mahidol University	Thailand
P2-045	The effect and mechanism of *Trichinella spiralis* proteins from different stages on collagen-induced arthritis in mice	Qiang Fang	Bengbu Medical College	China
P2-046	Improvement of collagen synthesis and wound healing process in the skin by parasite derived collagen inducing factor (PCIF)	Da In Lee	Pusan National University	Korea
P2-047	*Trichinella spiralis* infection mitigates collagen-induced arthritis via PD-1-mediated immunomodulation	Xinping Zhu	Capital Medical University	China
P2-048	Molecular cloning of enolase from *Trichinella spiralis* and the protective immunity in mice	Ruofeng Yan	Nanjing Agricultural University	China
P2-049	*Trichinella spiralis* infection ameliorated obesity of mice by M1 macrophage inhibition	Shin Ae Kang	Pusan National University	Korea
P2-050	The role of IL-17 in *Trichinella spiralis* infection	Masaya Takamoto	Shinshu University	Japan
P2-051	*Trichinella* muscle larvae distribution in naturally infected pigs	Miroslaw Rozycki	National Veterinary Research Institute	Poland
P2-052	Molecular characterization of the antigen targeted by protective antibodies of *Trichinella spiralis* and its elicited protective immune	Gege Sun	Zhengzhou University	China
P2-053	Cloning, expression and characterizationof a cysteine protease from *Trichinella spiralis*	Jing Cui	Zhengzhou University	China
P2-054	The first report of *Falcaustra affinis* and *Spiroxy contortus* from turtles in Isfahan provenience, Iran	Azar Balouti Dehkordi	Isfahan University of Medical Sciences,	Iran
P2-055	Intestinal parasites diagnosed by gastrointestinal endoscopy of patients who visited Korea Association of Health Promotion for health checkup (2016-2018)	Jaeeun Cho	Korea Association of Health Promotion	Korea
P2-056	Genetic characterization and helminth infrapopulation dynamics in arthropods from Indo-Gangetic plains	Sandeep K Malhotra	University of Allahabad	India
P2-057	Intraperitoneal administration of the anti-IL-23 antibody prevents the establishment of intestinal nematodes in mice	Antonio Osuna	University of Granada	Spain
P2-058	Application of high-throughput 18S rRNA gene amplicon sequencing to parasite detection using a mock parasite sample	Ju Yeong Kim	Yonsei University College of Medicine	Korea
P2-059	Study on pinworms of cockroaches	Hong-Kean Ooi	Azabu University	Japan
P2-060	Can we combat anthelmintic resistance in ruminants?	Laura Rinaldi	University of Napoli Federico II	Italy
P2-061	About the fauna of bird trematodes in the Northeast of Kazakhstan	Diana Maralbayeva	Pavlodar State University after S.Toraigyrov	Kazakhstan
P2-062	Characterization of the complete ITS rDNA sequences of three trematodes in duck	Chun-Ren Wang	Heilongjiang Bayi Agricultural University	China
P2-063	Evaluation of ferritin (fhftn-1) recombinant antigen for serodiagnosis of human fascioliasis	Zarrintaj Valadkhani	Pasteur Institute of Iran	Iran
P2-064	Proteomic analysis of *Fasciola gigantica* excretory and secretory products (FgESPs) involved in interacting with host in different infection periods by shotgun LC-MS/MS	Si-Yang Huang	Yangzhou University	China
P2-065	Assessment of allelic diversity in vaccine candidate genes of *Fasciola hepatica* isolated from different geographical areas	Mar Siles Lucas	Institute of Natural Resources and Agrobiology of Salamanca (IRNASA - CSIC)	Spain
P2-066	Identification of *Fasciola hepatica* glycoproteins interacting with host-specific galectin 11 and galectin 14	Jaclyn Swan	La Trobe University	Australia
P2-067	Immunomodulatory effect of recombinant *Fasciola hepatica* cathepsins on human macrophages	Anna Stachyra	Witold Stefański Institute of Parasitology, Polish Academy of Sciences	Poland
P2-068	Recognition pattern of the *Fasciola hepatica* vaccine candidate cathepsin l1 during the course of a vaccination trial in sheep assessed by 2d immunoproteomics	Javier González-Miguel	Institute of Natural Resources and Agrobiology of Salamanca (IRNASA - CSIC)	Spain
P2-069	Two distinct lineages of hybrid *Fasciola* flukes strongly inherit the characteristics from their maternal ancestor	Tadashi Itagaki	Iwate University	Japan
P2-070	Oxfendazole repurposing as a flukicidal compound	Carlos Lanusse	CONICET, UNCPBA	Argentina
P2-071	Prevalence of fish-borne trematode infection in freshwater fishes in Heilongjiang Province, China	Chun-Ren Wang	Heilongjiang Bayi Agricultural University	China
P2-072	Molecular characterization and ITS2 secondary morphometrics of three digenetic metacercariae infecting freshwater fishes of North-east, India	Philayung Zimik Awungshi Shimrei	North-Eastern Hill University	India
P2-073	ITS2 sequence analysis of the 3 species of genus *Antorchis* Linton, 1911: *A. tsushimaensis*, *A. pomacanthi* and *A. nasonis*	Yeseul Kang	Chungbuk National University	Korea
P2-074	First record of *Hurleytrematoides japonicus* Kamegai, 1970 in Korea	Yeseul Kang	Chungbuk National University	Korea
P2-075	Diversity of parasites from marine fish in the coastal ecosystem of the Andaman Sea, Thailand	Wallop Pakdee	Mahidol University	Thailand
P2-076	Prevalence of *Centrocestus armatus* metacercariae in freshwater fish from seven large rivers of Korea (2016-2017)	Hyemi Song	Korea Association of Health Promotion	Korea
P2-077	Veterinary-sanitary evaluation of mutton with mixed invasions	Sagynbek Shermatov	Naryn State University	Kyrgyzstan
P2-078	Various imaging features of paragonimiasis in the south area of Korea	Kyung Nyeo Jeon	Gyeongsang National University Changwon Hospital	Korea
P2-079	Evaluation of cathepsin L-like cysteine protease derived from *Paragonimus pseudoheterotremus* for immunodiagnosis	Tippayarat Yoonuan	Faculty of Tropical Medicine, Mahidol University	Thailand
P2-080	Prevalence of *Paragonimus* metacercariae in the freshwater crabs, *Geothelphusa dehaani* in Iwate prefecture, northeast region of Japan, and their molecular identification	Yuma Ohari	Iwate University	Japan
P2-081	Exploring druggable hot spots in *Schistosoma mansoni* cathepsin B1 for structure-based design of vinyl sulfone inhibitors	Michael Mareš	Institute of Organic Chemistry and Biochemistry	Czech
P2-082	Transcriptomic analysis of male and female *Schistosoma mekongi* adult worms	Orawan Phuphisut	Mahidol University	Thailand
P2-083	Usefulness of specific *Schistosoma japonicum* circulating DNA serum detection in the diagnosis of schistosomiasis in the Philippines	Ian Kim Tabios	University of the Philippines Manila	Philippines
P2-084	Should we worry about praziquantel resistance in *Schistosoma japonicum*? A nation-wide assessment of the sensitivity of *S. japonicum* to praziquantel in China	Wei Wang	Jiangsu Institute of Parasitic Diseases	China
P2-085	Breg in murine schistosomiasis is characterized by high expression of TGF-beta and IL-10	Wenqi Liu	Tongji Medical College, Huazhong University of Science and technology	China
P2-086	The role and the underlying mechanisms of HMGB1 in *Schistosoma japonicum* egg-induced hepatic granuloma and fibrosis	Quan Gong	Yangtze University	China
P2-087	Studies on population dynamics of the intermediate hosts snails and their infection rates in White Nile River, Khartoum State, Sudan	Hassan Ahmed Ismail	Federal Ministry of Health	Sudan

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Poster No.	**Presentation Title**	**Presenter**	**Affiliation**	**Country**
P2-088	Viability of developmental stages of *Schistosoma mansoni* quantified with xCELLigence worm real-time motility (xWORM) assay	Michael Smout	JCU	Australia
P2-089	Screening of differentially expressed genes of female *Schistosoma japonicum* before and after pairing by gene chip	Qingli Luo	Anhui Medical University	China
P2-090	Recombinant P40 protein from *Schistosoma japonicum* increases PPARγ expression in hepatic stellate cells via microrna-27b	Yinong Duan	Nantong University	China
P2-091	A new approach for detection of *Schistosoma* egg using MALDI-TOF MS	Tipparat Thiangtrongjit	Mahidol University	Thailand
P2-092	Avian schistosomes found from wild birds in Korea	Seongjun Choe	Chungbuk National University	Korea
P2-093	Intestinal helminthic infection among migrant workers in Thailand	Natthawut Kaewpitoon	Suranaree University of Technology	Thailand
P2-094	Prevalence of *Clonorchis sinensis* and intestinal helminth infections among examinees persons of health checkup centers in Korea Association of Health Promotion, 2010-2017	Bong Kwang Jung	Institute of Parasitic Diseases	Korea
P2-095	*In vitro* evaluation of the acaricides against red mites (*Dermanyssus gallinae*)	Miroslaw Rozycki	National Veterinary Research Institute in Pulawy, Poland	Poland
P2-096	The parasite fauna of the introduced Chinese Giant Salamander *Andrias davidianus* (Blanchard, 1871) and the hybrids of Japanese giant salamander *A. japonicus* (Temminck, 1837) and *A. davidianus* in Japan	Karin Tsuchida	University of Shiga Prefecture	Japan
P2-097	Transitional changes in the incidence of parasites in dog feces collected on metropolitan Tokyo streets and neighboring areas in 1985-2015	Tohru Fukase	Katsuragi Institute of Life Sciences	Japan
P2-098	Effects of host invasive stage on immunity and parasite community: The spot-legged tree frog (*Polypedates megacephalus*) cases in Taiwan	Meng-Jhen Li	National Chiayi University	Chinese Taipei
P2-099	Parasitic helminths in red foxes (*Vulpes vulpes*) in Poland - Comparison of different regions	Miroslaw Rozycki	National Veterinary Research Institute in Pulawy, Poland	Poland
P2-100	Biodiversity of parasites in Lake Biwa	Misako Urabe	University of Shiga Prefecture	Japan
P2-101	Transmission of intestinal helminths in the food chain of cod (*Gadus morhua*) from the Southern Baltic Sea	Joanna Pawlak	National Marine Fisheries Research Institute	Poland
P2-102	Evaluation and optimization of *Cyclospora cayetanensis* detection in fresh produce and prepared food dishes linked to outbreaks using the U.S. FDA Bacteriological Analytical Manual method	Sonia Almeria	U.S. FDA	USA
P2-103	*Eimeria tenella* stimulated the maturation of dendritic cells isolated from chicken bone-marrow	Jianmei Huang	Nanjing Agricultural University	China
P2-104	Presence of coccidian human parasites in animal faecal samples from an English urban environment	Haafizah Hoosen	De Montfort University	UK
P2-105	Vaccination with pVAX1.0-TA4-IFN-γ induces protective immunity against *Eimeria tenella*, *E. maxima*, *E. necatrix* and *E. acervulina* infections	Lixin Xu	Nanjing Agricultural University	China
P2-106	Functional analysis of PI3P effector candidate SNX in *Entamoeba histolytica*	Natsuki Watanabe	The University of Tokyo	Japan
P2-107	Frequency of *Trichomonas tenax* and *Entamoeba gingivalis*, in patients with gingivitis, chronic periodontitis and periodontally healthy individuals	Ana Maria Fernández-Presas	National Autonomous University of Mexico	Mexico
P2-108	Transcriptomic and proteomic analyses reveal the action of the chloroquine in *Acanthamoeba*	Ko Pin-Ju	National Cheng Kung university	Chinese Taipei
P2-109	Identification and functional characterization of *Acanthamoeba* secretory m28 peptidase for using as a potential diagnostic marker	Huang Jian Ming	National Cheng Kung University	Chinese Taipei
P2-110	Functional characterization and proteomic profiling of exosome-like vesicles secreted from *Acanthamoeba*	Chia-Yun Tsai	National Cheng Kung University	Chinese Taipei
P2-111	Anti-allergic drugs effect for experimental induced conjunctivitis by excretory-secretory proteins of *Acanthamoeba*	Jun Ho Choi	Pusan National University School Of Medicine	Korea
P2-112	Cytopathic change and inflammatory response of corneal epithelial cells by *Acanthamoeba castellanii* trophozoites and cysts	Kim Si Eun	Ajou University Shool of Medichine	Korea
P2-113	Determination of IgE and eosinophils in patients with acanthamoebas	Jose de la Torre Fernandez	Parasitologist	Spain
P2-114	Determination of hidden blood in faeces in patients with acanthamoebas	Jose de la Torre Fernandez	Parasitologist	Spain
P2-115	Intestinal disease of the Axarquía area	Jose de la Torre Fernandez	Parasitologist	Spain
P2-116	Identification and genotypic characterization of potentially pathogenic *Acanthamoeba* isolated from tap water in Wuxi, China	Yinghua Xuan	Jiangnan University	China
P2-117	Values of IgG, IgA, IgM and total leukocytes in patients with acanthamoebas in heces	Jose de la Torre Fernandez	Parasitologist	Spain
P2-118	Survey of *Naegleria fowleri* in Korean raw water using Real-time PCR	Min-Jeong Kim	K-water	Korea
P2-119	Autophagy inhibitor increased the amoebicidal effects of MPDS against *A. castellanii*	Hyun-Hee Kong	Donga University College of Medicine	Korea
P2-120	PHMB and chloroquine treatment induces apoptosis in *Acanthamoeba castellanii*	Eun-Kyung Moon	Kyung Hee University	Korea
P2-121	Identification of natural inhibitors against potential drug target protein MAPK4 in *L. donovani* using in-silico approach	Prakash Saudagar	National Institute of Technolofy Warangal	India
P2-122	Evaluation of inflammatory biomarkers changes follow pentavalent antimony therapy to *L. major* isolated from patients with unsuccessful treatment background	Sedigheh Saberi	Isfahan University of Medical Sciences	Iran
P2-123	The effect of new nanostructured Fe_3O_4@bio-MOF as an efficient anti-leishmanial *in vitro* and *in vivo* conditions	Fatemeh Ghaffarifar	Tarbiat Modares University	Iran
P2-124	A new meglumine antimoniate nanogel formulation for topical applicationin cutaneous Leishmaniasis by *Leishmania infantum*	Diana Berenguer	University of Barcelona	Spain
P2-125	A SNP in the RagC GTPase contributes to the attenuation in visceral infection for the *Leishmania donovani* parasite which causes atypical cutaneous Leishmaniasis in Sri Lanka	Wenwei Zhang	McGILL University	Canada
P2-126	Evaluation of the expression of opioid receptors and pro-inflammatory cytokines by quantitative real time-PCR in macrophages infected with *Leishmania major* treated with morphine	Fatemeh Ghaffarifar	Tarbiat Modares University	Iran
P2-127	Immunomodulatory properties of β-D-octylgalactofuranose in experimental visceral leishmaniasis	Florence Robert-Gangneux	University Rennes 1	France
P2-128	Efficacy of garlic extract and the gum of *Pistacia atlantica* var. Kurdica on *Leishmania major* in Morin model	Fariba Khoshzaban	Shahed University	Iran
P2-129	Efficacy of garlic extract and the gum of *Pistacia atlantica var. Kurdica* on *Leishmania major* in BALB/c mice	Fariba Khoshzaban	Shahed University	Iran
P2-130	*In vitro* activity of new 1*H*-Phenalen-1-one derivatives against *Leishmania* spp. and studies to elucidate their mechanism of cell death	Ines Sifaoui	University of Carthage	Tunisia
P2-131	Anti-parasitic effect of a furanosidic compound against intramacrophagic *Leishmania donovani* is correlated with an AMPK activation: An intelectin-1 mediated mechanism?	Jean-Pierre Gangneux	University Rennes	France

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Poster No.	**Presentation Title**	**Presenter**	**Affiliation**	**Country**
P2-132	Immunization of BALB/c mice by the fusion of three important genes of *Leishmania major* LeIF-LACK-TSA in eukaryotic plasmid and comparison with cocktail of these three genes as DNA vaccines	Fatemeh Ghaffarifar	Tarbiat Modares University	Iran
P2-133	A new fusion construction for *Leishmania major* DNA vaccine	Abdolhossein Dalimi Asl	Medical Sciences Faculty, Tarbiat Modares University	Iran
P2-134	The effect of hydro-alcoholicextract of *Acroptilon repens* on *Plasmodium berghei* compared withchloroquine in sourian mice	Abbasali Eskandarian	Isfahan University of Medical Sciences	Iran
P2-135	The possible effects of *Alstonia congensis* crude extracts on *Plasmodium berghei* in albino mice *Mus musculus*	Chinyere Ukaga	Imo State University Owerri	Nigeria
P2-136	Deciphering the potential of "pathogen box chemical library" (mmv) as an antimalarial tool box to study egress (exit) of malaria parasite	Alok Patra	Singapore University of Technology and Design	Singapore
P2-137	Antimalarial activity of herb extracts from Korean plants on rodent and human *Plasmodium*	Sylvatrie Danne Dinzouna Boutamba	Kyungpook National University	Korea
P2-138	What are the more prevalent mutations that confer resistance to *Plasmodium vivax* against sulfadoxine-pyrimethamine in Iran?	Abbasali Eskandarian	Isfahan University of Medical Sciences	Iran
P2-139	Characterisation of Artemisinin-induced dormancy using a controlled human malaria infection	Christopher Peatey	Australian Defence Force	Australia
P2-140	Dormancy in *Plasmodium falciparum* isolates from Angola and Dominican Republic after pressure with Artemisinin-based combined therapy	Rosa Del Carmen Miluska Vargas Rodriguez	National University of the Peruvian Amazon	Peru
P2-141	Antimalarial drugs and DNA damage response in *P. falciparum*	Daisy Hjelmqvist	Karolinska Institute	Sweden
P2-142	Target identification of *Plasmodium falciparum* egress and invasion inhibitors from MMV malaria box using drug affinity responsive target stability	Trang Chu	Singapore University of Technology and Design	Singapore
P2-143	Development of advanced self-nanoemulsifying systems of antimalarial drug with improved biopharmaceutical and antimalarial attributes	Ripandeep Kaur	UGC Centre of Excellence in Nanobiomedical Applications, Panjab University	India
P2-144	Cerebral malaria caused by *Plasmodium falciparum* in a Filipino seafarer returning from South Africa: A reemerging infectious threat	Jenny Mae Quinivista-Yoon	St. luke's medical center-Global City	Philippines
P2-145	Malaria risk factors and knowledge, attitudes, and practices (KAP) of selected barangays in Rizal, Palawan, Philippines	Pauline Joy Lorenzo	Research Institute for Tropical Medicine	Philippines
P2-146	Positive effect of vitamin E derivatives on rodent malaria	Aiko Kume	Obihiro University of Agriculture and Veterinary Medicine	Japan
P2-147	Perillyl alcohol reduces cerebrovascular inflammation and parasite sequestration preventing experimental cerebral malaria development	Adriana Alejandra Marin Rodriguez	University of Sao Paulo, Institute of Biomedical Science	Brazil
P2-148	*Azadirachta indica* (neem) extracts affect early erythrocytic schizogony of *Plasmodium berghei* and pro-inflammatory response in inbred mice	Fabrizio Bruschi	PISA	Italy
P2-149	Identification of PfRipr_5 as a potent blood-stage malaria vaccine candidate	Hikaru Nagaoka	Ehime University	Japan
P2-150	The vaccine candidate peptide antigen which inhibits AMA1-RON2 interaction in *P. vivax*	Ga Young Lee	INJE University	Korea
P2-151	The *Plasmodium berghei* gametocyte protein is a candidate for transmission-blocking vaccines	Yaming Cao	China Medical University	China
P2-152	Evalution of the effect of morphine with imiquimod in comparison to pyrimethamine and sulfadiazine on tachyzoites of *Toxoplasma gondii in vitro*	Leila Zaki	Tarbiat Modares University	Iran
P2-153	Anti-parasite effect of 4-hydroxyacetophenone is mediated by regulation of HIF-1α and GSK3β	Gao Feifei	Chungnam National University	Korea
P2-154	Evaluation of protectiveefficacy and functional characterization of rhoptry neck protein 10 in *Toxoplasma gondii*	Dong-Hui Zhou	Fujian Agriculture and Forestry University	China
P2-155	Construction of recombinant BCG with Rhomboid-IL-2 and its immunoprotection on challenged by *Toxoplasma gondii* in pigs	Pengtao Gong	Jilin University	China
P2-156	Virus-like particles expressing *Toxoplasma gondii* rhoptry protein 18 induces better protection than rhoptry protein 4	Haeji Kang	Kyunghee university	Korea
P2-157	PKC-mediated surface translocation of BLT1 and NOX2 are essential for migration and degranulation in human mast cells induced by *Trichomonas vaginalis*-secreted LTB_4	Arim Min	Yonsei university College of Medicine	Korea
P2-158	Th17 cells induced by prostate epithelial cells stimulated with *Trichomonas vaginalis* promote progression of prostate cancer cells	Ik-Hwan Han	Hanyang University	Korea
P2-159	Involvement of adipocyte leptin in proliferation of prostatic cells induced by *Trichomonas vaginalis* infection	Jung-Hyun Kim	Hanyang University	Korea
P2-160	Proliferation of prostatic stromal cell infected with *Trichomonas vaginalis* via crosstalk with mast cell tryptase	Hyo-Yeoung Chung	Hanyang University	Korea
P2-161	Trichomoniasis: One parasite, many microorganisms	Augusto Simoes-Barbosa	University of Auckland	New Zealand
P2-162	Protective mechanisms of vaginal *Lactobacillus gasseri* towards inhibition of *Trichomonas vaginalis* adhesion to host cells	Augusto Simoes-Barbosa	University of Auckland	New Zealand
P2-163	The Bermuda Triangle - interactions between the vaginal microbiota and *Trichomonas vaginalis* and their effect on the human vaginal epithelial cells	Annabel Hinderfeld	University of Auckland	New Zealand
P2-164	The RNA cargo of extracellular vesicles from *Trichomonas vaginalis*	Anastasiia Artuyants	The University of Auckland	New Zealand
P2-165	*Lactobacillus gasseri* is host protective and inhibits cytotoxicity of *Trichomonas vaginalis*	Ann-Katrein Bär	University of Auckland	New Zealand
P2-166	The protozoan *Trichomonas vaginalis* targets bacteria with laterally-acquired NlpC/P60 peptidoglycan hydrolases	Augusto Simoes-Barbosa	University of Auckland	New Zealand
P2-167	The effect of lavender essential oil and nanoemulsion on *Trichomonas vaginalis in vitro*	Hajar Ziaei Hezarjaribi	Molecular and Cell Biology Research Center, Mazandaran University of Medical Sciences	Iran
P2-168	Procyclin associated gene regulates the differentiation of *Trypanosoma brucei*	Yan-Zi Wen	Sun Yat-Sen University	China
P2-169	Characterization of *Trypanosoma brucei* 20S proteasome and its inhibitors	Yen Liang Chen	NITD (Novartis Institute for Tropical Diseases)	USA
P2-170	Molecular characterization of *Trypanosoma cruzi* transmission from the naturally infected rodent host to the sylvatic vector *Mepraia Spinolai* in Chile: Preliminary results	Catalina Muñoz	Universidad de Chile	Chile
P2-171	Detection of an "epimastigote-like" intracellular stage of *Trypanosoma cruzi* in Vero cells and in infected mouse heart	Ana Maria Fernández-Presas	National Autonomous University of Mexico	Mexico
P2-172	Enveloped and non-enveloped viral-like particles in *Trypanosoma cruzi* epimastigotes	Ana Maria Fernández-Presas	National Autonomous University of Mexico	Mexico
P2-173	Profile of Th17cytokines in Chagasic childhood cardiomyopathy	Paz Maria Salazar Schettino	UNAM	Mexico
P2-174	Distribution of CD8+ T-cell subsets in mice immunized and challenged with *Trypanosoma cruzi*	Concepcion Puerta	Pontificia Universidad Javeriana, Faculty of Science	Colombia
P2-175	*Trypanosoma cruzi* genotyping by PCR real time in dejections of *Triatoma infestans* from human xenodiagnosis	Ines Zulantay	University of Chile	Chile

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P2-176	Serological evaluation in prolonged follow-up of patients with chronic Chagas disease treated with nifurtimox	Ines Zulantay	University of Chile	Chile
P2-177	Treatment of chronic Chagas disease: Parasitological assessment by conventional PCR with blind external evaluation	Ines Zulantay	University of Chile	Chile
P2-178	Genotyping of *Trypanosoma cruzi* DTUs in individuals with chronic Chagas disease treated with nifurtimox	Ines Zulantay	University of Chile	Chile
P2-179	Bioguided *in vitro* activity of *Maytenus chiapensis* extracts against *Leishmania* spp. and *Trypanosoma cruzi*	Ines Sifaoui	University of Carthage	Tunisia
P2-180	Effect of temperature on *Trypanosoma cruzi* infection and phenoloxidase activity in *Meccus pallidipennis*	Berenice González Rete	National Autonomous University of Mexico	Mexico
P2-181	New nitroaromatic candidats for trypanosomiasis therapeutics	Clotilde Boudot	Limoges University, Institute of Neurological Epidemiology and Tropical Neurology	France
P2-182	Dynamic distribution of *Histomonas meleagridis* in yellow feather broilers post infection	Jinjun Xu	Yangzhou University	China
P2-183	The teaching of Medical Protozoology course using electronic flashcards based on Quizlet	Hassan Abidi	Yasuj University of Medical Sciences	Iran
P2-184	Team-based learning (TBL) in flipped classroom model: A case study on the teaching of Medical Protozoology	Hassan Abidi	Yasuj University of Medical Sciences	Iran
P2-185	Tropical remote health centres and telemedicine in Parasitology-Mycology	Alireza Ensaf	H.S.F.	France
P2-186	The first MD/PhD program in Mexico (PECEM) of the Faculty of Medicine, UNAM	Ana Flisser	UNAM	Mexico
P2-187	Applicability of DMU e-Parasitology for learning medical parasitology	Haafizah Hoosen	De Montfort University	UK
P2-188	Parasites in fragments: Parasite diversity and distribution in red-listed primates	Liesbeth Frias	Kyoto University	Japan
P2-189	Current conditions of foot and mouth disease in Iran	Fatemeh Malekdar	Razi Vaccine and Serum Institue	Iran
P2-190	Factors affecting the parasite communities of *Duttaphrynus melanostictus* in Southwestern Taiwan	Kai-Hung Liao	National Chiayi University	Chinese Taipei
P2-191	Parasite communities along the invasion gradient of banded bullfrogs (*Kaloula pulchra*) in Taiwan	Zhao-Hui Lin	National Chiayi University	Chinese Taipei
P2-192	Prevalence and phylogenetic analysis of *Anaplasma phagocytophilum* in wild and farmed cervids in Korea	Min Goo Seo	Animal and Plant Quarantine Agency	Korea
P2-193	Evidence of *Anaplasma* spp. exposure from cattle in Gyeongbuk Province, Korea	Min Goo Seo	Animal and Plant Quarantine Agency	Korea
P2-194	Parasitological contamination of dehydrated municipal sewage sludge	Miroslaw Rozycki	National Veterinary Research Institute	Poland
P2-195	Parasitological evaluation of organic fertilizers and waste from biogas plants	Miroslaw Rozycki	National Veterinary Research Institute	Poland
P2-196	Investigation on the contamination of gastrointestinal parasites in mountain goats in the protected area of Tejg in Khosf County, South Khorasan Province, Iran country	Vahid Sharifi	Doctora Veterinary Medicine , Veterinary Department of South Khorasan	Iran
P2-197	High prevalence of amphistome infection in freshwater snails from areas lie along the Mekong river in Ubon Ratchathani province, Thailand	Jittiyawadee Sripa	Ubon Ratchathani University	Thailand
P2-198	Identify and determine the frequency of fungi isolated from the skin and hair of cats in rural area of Meshkin-shahr, Iran with emphasize on transmission risk of fungal zoonoses	Roshanak Daie Ghazvini	Tehran University of Medical Sciences	Iran
P2-199	Potentially zoonotic gastrointestinal parasites in the main public parks of the city of Guayaquil, Guayas, Ecuador, 2011-2017	Glenda Llaguno	Universidad Agraria del Ecuador	Ecuador
P2-200	Parasitesas indicators of population structure of snoek (*Thyrsites atun*) in the Benguela ecosystem	Irfan Nunkoo	University of Cape Town	South Africa
P2-201	The "invasive" host species *Magallana gigas* (=*Crassostrea gigas*) in the Atlantic Portuguese coast: Free of parasites or susceptible to native parasites?	Maria João Santos	Porto University	Portugal
P2-202	Diversity, distribution and interspecific relationship of gills parasites from white seabream, *Diplodus sargus* Linnaeus, 1758 from Portugal	Maria João Santos	Porto University	Portugal
P2-203	Introduced alien freshwater fish parasites in South Africa: Are they a threat o fish health and biodiversity?	Wilmien Luus-Powell	University of Limpopo	South Africa
P2-204	Parasites of black seabream (*Spondyliosoma cantharus*) and host ontogeny	Maria João Santos	Porto University	Portugal
P2-205	Metazoan parasites from deep-sea fishes in the South Eastern Pacific Ocean	Marcelo Oliva	Universidad de Antofagasta	Chile
P2-206	CREBH deficiency enhances the antiparasitic defense against *Toxoplasma gondii* infection by inducing autophagy and mitochondrial function	Jina Lee	Chungnam National University Graduate School	Korea
P2-207	Roles of Omega-3 fatty acid in the activation of host immune response against *Toxoplasma gondii* infection	Jae-Won Choi	Chungnam National University, College of Medicine	Korea
P2-208	Label-free non-invasive 3D imaging of *Toxoplasma gondii* infection in live cells using holotomography	Sumin Lee	Tomocube Inc.	Korea
P2-209	Induction of cell-cycle arrest and apoptosis using *Toxoplasma gondii* derived protein GRA16 and synergetic effects in the combination with anticancer drug in non-small cell lung cancer (NSCLC) cell	Seung Hwan Seo	Seoul National University	Korea
P2-210	Toxoplasma gondii GRA16 protein interacting with HAUSP induces apoptosis through P53-dependent pathway in hepatocellular carcinoma	Sang Gyun Kim	Seoul National University	Korea
P2-211	Characterization and functional analysis of a *Toxoplasma* ankyrin repeat-containing protein	Qun Liu	China Agricultural University	China
P2-212	Targeted overexpression of cyclic AMP-dependent protein kinase subunit in *Toxoplasma gondii* promotes replication and virulence in host cells	Yi Yang	Zhejiang University	China
P2-213	AS160 modulated host glucose uptake is essential for *Toxoplasma gondii* proliferation	Gao Feifei	Chungnam National University	Korea
P2-214	Effect of 17β-estradiol, progesterone and prolactin on the infective capacity of *Toxoplasma gondii*, cytokine modulation and the expression of hormonal receptors on THP-1 cells	Maria de la Luz Galván-Ramírez	University of Guadalajara	Mexico
P2-215	Brain cysts in mice infected with strain ME49 of *T. gondii* and their correlation with locomotion kinematics	Maria de la Luz Galván-Ramírez	University of Guadalajara	Mexico
P2-216	Toxoplasma gondii infection in cats from south-west region of Poland	Miroslaw Rozycki	National Veterinary Research Institute in Pulawy, Poland	Poland
P2-217	Risk factors of *Toxoplasma gondii* infection in sympatric domestic and free-ranging wild ungulates in Southern Spain	Sonia Almeria	U.S. FDA	USA
P2-218	Does lifestyle predispose to *Toxoplasma* infection in companion cats?: Results of a survey in France	Bourdeau Patrick	Veterinary School of Nantes - ONIRIS	France
P2-219	Characteristics of *Toxoplasma* seroprevalence in companion cats in western France	Bourdeau Patrick	Veterinary School of Nantes - ONIRIS	France

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P2-220	The aspartic protease DDI1 is important for virulence of *Toxoplasma*	Heng Zhang	China Agricultural University	China
P2-221	Seroprevalence of *Toxoplasma gondii* in domestic pigs, sheep and cattle in the Nordic-Baltic region: Systematic review to identify common patterns and data gaps	Pikka Jokelainen	Statens Serum Institut	Denmark
P2-222	Antibodies against *Toxoplasma gondii* in horses in Ukraine: Investigation using two serological methods	Pikka Jokelainen	Statens Serum Institut	Denmark
P2-223	Unexpected function of cytosolic Fe-Fe hydrogenase from *Trichomonas vaginalis*	Tamara Smutná	Charles University in Prague	Czech
P2-224	The functions of the high molecular weight Myb3-interacting protein ($Myb3IP_{hmw}$) in the parasitic protozoan *Trichomonas vaginalis*	Chien-Hsin Chu	Academia Sinica	Chinese Taipei
P2-225	Diagnosis of vaginal candidiasis and *Trichomonas vaginalis* infection by antibody coated latex particles	Seyedeh Maryam Sharafi	Isfahan University of Medical Sciences	Iran
P2-226	Identification of regulatory elements in untranslated regions of *Trichomonas vaginalis*	Wei Hung Cheng	Chang Gung University	Chinese Taipei
P2-227	The use of CRISPR/Cas9 technology to insert modifications and perform gene knock out in *Trichomonas vaginalis*	Augusto Simoes-Barbosa	University of Auckland	New Zealand
P2-228	Introns in *Trichomonas vaginalis* revisited	Shuqi Wang	The University of Auckland	New Zealand
P2-229	Trichomonas vaginalis lysosomes – A study on a protist stomach	Nadine Zimmann	Charles University Prague, Faculty of Science	Czech
P2-230	Prevalence of trichomoniasis in women referred to clinical centers in south of Tehran, Iran during years 2015-2016	Akram Azambakhtiar	Tehran	Iran
P2-231	Detection of the prevalence *Dientamoeba fragilis* in diarrheal fecal samples from immunocompromised and immunocompetent patients using by Real-Time PCR: Preliminary study	Funda Dogruman-Al	School of Medicine, Gazi University	Turkey
P2-232	Seroprevalence of anti-*Leptospira* IgG and IgM among the urban poor communities in Wilayah Persekutuan, Kuala Lumpur	Siti Nursheena Mohd Zain	University of Malaya	Malaysia
P2-233	Enteric parasite among diarrheic cases in Kampong Cham Province, Cambodia	Boren Huot	NAMRU-2	Cambodia
P2-234	Prevalence of parasitic infections in surgically removed appendices: Parasitological and histopathological studies	Alaa Amer	Tanta University	Egypt
P2-235	Enteroparasitism and risk factors associated with clinical manifestations in children and adults of Jalisco state in western of Mexico	Ana Madriz	University Center of the Cienega, University of Guadalajara	Mexico
P2-236	Prevalence and genetic diversity of *Pneumocystis jirovecii* in different risk groups in Poland	Marta Kicia	Wroclaw Medical University	Poland