

CURRICULUM VITAE

PROFESSOR DR YVONNE LIM AI LIAN
 DEPARTMENT OF PARASITOLOGY
 FACULTY OF MEDICINE
 UNIVERSITI MALAYA
 50603 KUALA LUMPUR
 MALAYSIA



PREVIOUS APPOINTMENTS

Deputy Dean (Research), Faculty of Medicine, Universiti Malaya
 Director, International Relations Office, Universiti Malaya
 Senate Member, Universiti Malaya
 Associate Vice-Chancellor (Global Engagement)
 Universiti Malaya Management Committee

AT PRESENT

Associate Deputy Vice-Chancellor (Academic and International)

BIODATA

For nearly 30 years, Professor Yvonne Lim Ai Lian has dedicated herself to improving the health and wellbeing of the Orang Asli communities in Peninsular Malaysia, focusing on infectious diseases that disproportionately affect these underserved populations. Her work blends scientific rigor with deep respect for the resilience and dignity of the communities she serves. She played a pivotal role in drafting the National Policy for the Development of Orang Asli, working closely with JAKOA, Hospital Orang Asli Gombak, community leaders and various civil society groups. Her research has been supported by national and international grants. Professor Lim was part of a team awarded the UK Newton Fund–Researcher Links Workshop Grant, convening Southeast Asian experts to address infectious diseases in underprivileged communities. As co-principal investigator for R01 NIH Grant, she collaborated with New York University on a landmark study published in *Science* (2016), revealing how low-level helminth infections promote probiotic gut microbiota via type 2 immunity. Recently, she received another R01 NIH Grant as principal investigator for a skin microbiomes and skin infections among Orang Asli project. This work, co-designed with Orang Asli community, was published in *Cell* (2025), offering new insights into *Trichophyton concentricum* infections and the skin microbiome.

ACADEMIC QUALIFICATION

PhD (Universiti Kebangsaan Malaysia) 6/2000 – Zoology (Parasitology) BSc
 (Universiti Kebangsaan Malaysia) 6/1996 – Zoology

POSITIONS AND APPOINTMENTS

2000-2001	Lecturer, School of Environmental and Natural Resources Sciences, Faculty of Science and Technology, Universiti Kebangsaan Malaysia
2001–2003	Senior lecturer, Tunku Abdul Rahman College, Kuala Lumpur, Malaysia
2003-2005	Lecturer, Department of Parasitology, Faculty of Medicine, Universiti Malaya
2006-2008	Senior Lecturer, Department of Parasitology, Faculty of Medicine, Universiti Malaya
2008-2013	Associate Professor, Department of Parasitology, Faculty of Medicine, Universiti Malaya

2013 - Present	Professor, Department of Parasitology, Faculty of Medicine, Universiti Malaya
2016 - 2018	Deputy Dean (Research), Faculty of Medicine, Universiti Malaya
2018 – 2021	Director, International Relations Office, Universiti Malaya
2022 – 2024	Associate Vice Chancellor (Global Engagement), Universiti Malaya
2024 - Present	Associate Deputy Vice Chancellor (Academic and International)

SUMMARY OR RESEARCH OUTPUTS (as of 3/7/2025)

Publications

Total Publication = 260 journal articles, 3 books, 9 book chapters

Citation = 5350

H-index = 39

Scopus

Documents = 218

Citations = 6100

H-index = 42

Postgraduate students

PhD = 25 completed

Master = 17 completed

Total Research Grant (Completed and On-going) = RM13,943,180.75

Completed = RM9,966,879.70

On-going = RM3,976,301.05

SELECTED AWARDS (From 2016)

1. Certificate of Excellent Service, University Malaya, 2016
2. Top Research Scientists Malaysia 2016, Academy of Sciences Malaysia, 2016
3. Academy of Sciences Malaysia (ASM) Fellow, Academy of Sciences Malaysia, 2017
4. Malaysian Society of Parasitology and Tropical Medicine Life Membership, 2018
5. Anugerah Perkhidmatan Cemerlang Universiti Malaya, 2007, 2011, 2014, 2017, 2020
6. Fulbright Malaysian Scholar Award, 2021 – 2022
7. World Top 2% Scientists by Stanford University for the years 2019, 2021, 2023 and 2024 in her respective field (through Elsevier Data Repository)
8. Sandosham Gold Medal Award, 2023 (awarded in 2024)

PUBLICATIONS

No	Book
1.	Rohela Mahmud, Yvonne AL Lim , Amirah Amir. Medical Parasitology: A Textbook. Springer 2018.
	Yvonne AL Lim and Indra Vythilingam (Eds). Parasites and their vectors: A special

2. focus on Southeast Asia. Springer 2013.
3. Jeffery J, Rohela M, Muslimin M, Abdul Aziz SMN, Jamaiah I, Kumar S, Tan TC, **Lim YAL**, Nissapatorn V, Abdul-Aziz NM. Illustrated keys: Some mosquitoes of Peninsular Malaysia. University of Malaya Press 2012.

No	Chapter In Book
1.	Romano Ngui, Lee Soo Ching, Yvonne Ai-Lian Lim (invited chapter). Parasitic Infections. In: Textbook of Paediatrics and Child Health (eds: Lee Way Seah, Tay Chee Geap and Lum Su Han). University of Malaya Press 2019.
2.	Ng Kwan Hoong and Yvonne AL Lim (invited chapter). Enhancing student learning through research. In: Enhancing student learning in medical schools (eds: Joong Hiong Sim et al.). University of Malaya Press 2018, 107-112.
3.	Yvonne AL Lim , Indra Vythilingam. Southeast Asia (SEA): Hotspot for Parasitic Infections. In: Parasites and their vectors: A special focus on Southeast Asia (eds: Yvonne AL Lim and Indra Vythilingam). Springer 2013.
4.	Yvonne AL Lim , Mohammed AK Mahdy, Johari Surin. Unraveling <i>Cryptosporidium</i> and <i>Giardia</i> in Southeast Asia. In: Parasites and their vectors: A special focus on Southeast Asia (eds: Yvonne AL Lim and Indra Vythilingam). Springer 2013.
5.	Hesham M. Al-Mekhlafi, Yvonne AL Lim , Norhayati Moktar, Romano Ngui (2013). Soil Transmitted Helminths: The Neglected Parasites. In: Parasites and their vectors: A special focus on Southeast Asia (eds: Yvonne AL Lim and Indra Vythilingam). Springer 2013.
6.	Aziz Shafie, Romano Ngui, Chua Kek Heng, Mohd Aidil Roslan, Wan Yusoff Wan Sulaiman, Yvonne Ai-Lian Lim . Geographic information system (GIS) and predictive risk map soil transmitted helminthiasis in peninsular Malaysia. In: Selected Issues on Health and Environment (eds: Narimah Samat, Zullyadini A. Rahaman, Sharifah Rohayah Syekh Dawood, Wan Ruslan Ismail, Ruslan Rainis). Universiti Pendidikan Sultan Idris, Malaysia 2013.
7.	Cook N, Lim YAL (invited chapter). <i>Giardia</i> contamination of fruit and vegetables. In: Foodborne Protozoan Parasites (eds: Huw Smith and Lucy Robertson). Nova 2012.
8.	Ives B, Rose J, Lim YAL . (invited chapter). Water and parasitic protozoan connections to foodborne disease risks. In: Foodborne Protozoan Parasites (eds: Huw Smith and Lucy Robertson). Nova 2012.
9.	Lucy Robertson, Yvonne Ai-Lian Lim (invited chapter). Waterborne and Environmentallyborne Giardiasis. In: <i>Giardia: A model organism</i> (eds: Staffan Svard and Hugo Lujan). Springer-Verlag 2011.

Academic Journals	
No	2025
1.	Yi Xian Er, Soo Ching Lee, Chioma Aneke, Sean Conlan, Azdayanti Muslim, Clay Deming, You Che, Nan Jiun Yap, Mian Zi Tee, Nurmanisha Abdull-Majid, Shezryna Shahrizal, Leong Kin Fon, Jungmin Han, Zeyang Shen, Leslie Thian Lung Than, Morgan Park, Izandis Mohd Sayed, NISC Comparative Sequencing Program, Amir Seyedmousavi, Heidi H Kong, P'ng Loke, Julia A Segre, Yvonne Ai Lian Lim . <i>Trichophyton concentricum</i> fungal infections and the skin microbiomes in Indigenous Peninsular Malaysians (Orang Asli). Cell 2025. https://doi.org/10.1016/j.cell.2025.05.034
2.	Maximilien Franck, Kamaryn T. Tanner, Robert L. Tennyson, Camille Daunizeau, Luigi Ferrucci, Stefania Bandinelli, Benjamin C. Trumble, Hillard S. Kaplan, Jacob E. Aronoff, Jonathan Stieglitz, Thomas S. Kraft, Amanda J. Lea, Vivek V. Venkataraman, Ian J. Wallace, Yvonne A. L. Lim , Kee Seong Ng, Joe Poh Sheng Yeong, Roger Ho, Xinru Lim, Ameneh Mehrjerd, Eleftheria G. Charalambous, Allison E. Aiello, Graham Pawelec, Claudio Franceschi, Johannes Hertel, Tamàs Fülöp, Maël Lemoine, Michael Gurven &

- Alan A. Cohen. Nonuniversality of inflammaging across human populations. *Nature Aging (Letter)* 2025, <https://doi.org/10.1038/s43587-025-00888-0>.
3. Amy Longtin, Marina M. Watowich, Baptiste Sadoughi, Rachel M. Petersen, Sarah F. Brosnan, Kenneth Buetow, Qiuyin Cai, Cayo Biobank Research Unit, Michael D. Gurven, James P. Higham, Heather M. Highland, Yi-Ting Huang, Hillard Kaplan, Thomas S. Kraft, **Yvonne A. L. Lim**, Jirong Long, Amanda D. Melin, Michael J. Montague, Jamie Roberson, Kee-Seong Ng, Michael L. Platt, India A. Schneider-Crease, Jonathan Stieglitz, Benjamin C. Trumble, Vivek V. Venkataraman, Ian J. Wallace, Jie Wu, Noah Snyder-Mackler, Angela Jones, Alexander G. Bick, and Amanda J. Lea. Cost-effective solutions for high-throughput enzymatic DNA methylation sequencing. *Plos Genetics* 2025 (Accepted)
 4. Radhika Loganathan, Pei Yee Tan, Chuan Chun Lim, Katherine Boon Hwei Seng, **Yvonne Ai-Lian Lim**, Teng Kim-Tiu, Syahirah Nadiah Mohd Johari, Kanga Rani Selvaduray, and Norlina Mohd Ramli. Red palm olein supplementation as a potential preventive solution for xerophthalmia among vitamin A-deficient primary schoolchildren: a cluster randomized controlled trial. *European Journal of Clinical Nutrition* 2025, doi: 10.1038/s41430-025-01620-2. (Accepted)
 5. Wan Muhammad Farhan Syafiq Bin Wan Mohd Nor, Soke Chee Kwong, Afiqah Alyaa Md Fuzi, Nur Akmarina Binti Mohd Said, Amira Hajirah Abd Jamil, Yeong Yeh Lee, Soo Ching Lee, **Yvonne Ai-Lian Lim** And Ivy Chung. Linking microRNA to metabolic reprogramming and gut microbiota in the pathogenesis of colorectal cancer (Review). *International Journal Of Molecular Medicine* 2025, 55: 46, 202. DOI: 10.3892/ijmm.2025.5487
 6. Nabila Abu Bakar, Jerzy M. Behnke, Norhidayu Sahimin, Xiaoye Kang, Siti Nursyahirah Mohd Shahar, **Yvonne Ai Lian Lim**, Siti Nursheena Mohd Zain. The Dengue Disquisition: A Low-Cost Public Housing Conundrum in Klang Valley, Malaysia. *Plos One*, 2025, 20(1): e0317349. <https://doi.org/10.1371/journal.pone.0317349>
 7. Nurmanisha Abdull-Maid, Nan Jiun Yap, Mian Zi Tee, Yi Xian Er, Romano Ngui, **Yvonne Ai-Lian Lim**. Evidence of submicroscopic malaria parasitemia, soil-transmitted helminths and their co-infections among forest-fringed Orang Asli communities in Peninsular Malaysia. *American Journal of Tropical Medicine & Hygiene* 2025, Apr 8:tpmd240718. doi: 10.4269/ajtmh.24-0718.

No	2024
8.	Shezryna Shahrizal, Mohd Shafiq Aazmi, <u>Yvonne Ai Lian Lim</u> , Norfatini Sajidah, Er Yi Xian, Mohd Yusri Idorus, Azdayanti Muslim. Strong Association Between High Burden of Soil-Transmitted Helminthiasis and Household Transmission Among Malaysian Negritos, Urging Anthelmintic Treatment Beyond Children. <i>Scientific Reports</i> 2024, 3;14(1):26535. doi: 10.1038/s41598-024-77127-w.
9.	Layla Brassington, Audrey M. Arner, Marina M. Watowich, Jane Damstedt, Ng Kee Seong, <u>Yvonne Ai Lian Lim</u> , Vivek V. Venkataraman, Ian Wallace, Thomas S. Kraft, Amanda J. Lea. Integrating the Thrifty Genotype and Evolutionary Mismatch Hypotheses to understand variation in cardiometabolic disease risk. <i>Evolution, Medicine, and Public Health</i> , 2024, 12(1):214-226. doi: 10.1093/emph/eoae014. eCollection 2024. (have not submit first page in umexpert)
10.	Mohd Johari SN, Tan PY, Loganathan R, <u>Lim YAL</u> , Teng KT, Lee SC, Selvaduray KR, Ngui R. Unveiling soil-transmitted helminth infections and associated risk factors in schoolchildren in Malaysia. <i>Tropical Biomedicine</i> 2024, 41(3): 345-355. doi.org/10.47665/tb.41.3.015
11.	Yi Xian Er, Leslie Thian Lung Than, Azdayanti Muslim, Nan Jiun Yap, Mian Zi Tee, Nurmanisha Abdull Majid, Soo Ching Lee, Shezryna Shahrizal, <u>Yvonne Ai-Lian Lim</u> . Infection patterns of scabies and tinea between inland and resettled indigenous Negrito

- communities in Peninsular Malaysia. *PLOS Neglected Tropical Diseases* 2024, 18(9):e0012515. doi: 10.1371/journal.pntd.0012515. eCollection 2024 Sep.
12. Azdayanti Muslim, Shafiq Aazmi, Er Yi Xian, Shezryna Shahrizal, **Yvonne Ai Lian Lim**. *Ascaris lumbricoides* harbors a distinct gut microbiota from its human host: preliminary insights. *Food and Waterborne Parasitology* 2024, 34: e00223. doi: 10.1016/j.fawpar.2024.e00223.
 13. Shushan Sargsian, Octavio Mondragon-Palomino, Alannah Lejeune, Defne Ercelen, Wen-Bing Jin, Alan Varghese, **Yvonne A L Lim**, Chun-Jun Guo, P'ng Loke, Ken Cadwell. Functional characterization of helminth-associated Clostridiales reveals covariates of Treg differentiation. *Microbiome*, 2024, 12(1): 86. doi: 10.1186/s40168-024-01793-1.
 14. Sidi Omar Siti Farah Norasyikeen, Romano Ngui, Ab Rahman Syaza Zafirah, Muhammad Zarul Hanifah Md Zoqratt, Wilhelm Wei Han Eng, Qasim Ayub, Syaifinaz Amin Nordin, Vesudian Narcisse Mary Sithir Joseph, Sabri Musa, **Yvonne Ai Lian Lim**. Study on Intestinal Parasitic Infections and Gut Microbiota in Cancer Patients at a Tertiary Teaching Hospital in Malaysia. *Scientific Reports* 2024, 14(1):13650. doi: 10.1038/s41598-024-59969-6.
 15. Norhidayu Sahimin, Nabila Abu Bakar, **Yvonne Ai Lian Lim**, Jerzy Marian Behnke, John Lewis and Siti Nursheena Mohd Zain. Entry of Migrant Workers to Malaysia: to Implement Mass Drug Administration against Intestinal Parasitic Infections. *International Journal of Health Policy and Management* 2024. <https://doi.org/10.34172/ijhpm.2024.7842>
 16. Muhammad Aidil Roslan, Mas-Azlindah-Ayu Abd Karim, Ummi Syafiqah Rosmini, Poon Soon Ong, Mas Ayu Ahmad, **Yvonne Ai Lian Lim**, Romano Ngui, Wan Yusoff Wan Sulaiman. A study on Wolbachia-dengue-carrying Aedes mosquitoes (Diptera: Culicidae) focuses on the sustainability and frequency of Wolbachia in high-rise buildings in Selangor, Malaysia. *Applied Entomology and Zoology* 2024. <https://doi.org/10.1007/s13355-024-00870-z>
 17. Pei Yee Tan, Radhika Loganathan, Syahirah Nadiah Mohd Johari, Soo Ching Lee, Kanga Rani Selvaduray, Romano Ngui, **Yvonne Ai-Lian Lim** and Kim-Tiu Teng. Supplementation of red palm olein-enriched biscuits improves levels of provitamin A carotenes, iron, and erythropoiesis in vitamin A deficient primary schoolchildren: a double-blinded randomised controlled trial. *European Journal of Nutrition* 2024, 63(3): 905-918. <https://doi.org/10.1007/s00394-023-03314-6>
 18. Najihah Hussein, Reena Rajasuriar, Asif M Khan, **Yvonne Ai-Lian Lim**, Gin Gin Gan. The role of the gut microbiome in hematological cancers. *Molecular Cancer Research* 2024, 22(1):7-20. doi: 10.1158/1541-7786.MCR-23-0080.

No**2023**

19. Amanda J. Lea, Andrew G. Clark, Andrew W. Dahl, Orrin Devinsky, Angela R. Garcia, Christopher D. Golden, Joseph Kamau, Thomas S. Kraft, **Yvonne A. L. Lim**, Dino Martins, Donald Mogoi, Paivi Pajukanta, George Perry, Herman Pontzer, Benjamin C. Trumble, Samuel S. Urlacher, Vivek V. Venkataraman, Ian J. Wallace, Michael Gurven, Daniel Lieberman[†], Julien F. Ayroles. Applying an evolutionary mismatch framework to understand disease susceptibility. *Plos Biology* 2023, 21(9):e3002311. doi: 10.1371/journal.pbio.3002311.
20. Shu Ping Wong, Yi Xian Er, Sen Mui Tan, Soo Ching Lee, Reena Rajasuriar, **Yvonne Ai Lian Lim**. Oral and Gut Microbiota Dysbiosis Is Associated with Mucositis Severity in Autologous Hematopoietic Stem Cell Transplantation: Evidence from an Asian Population. *Transplantation and Cellular Therapy* 2023, S2666-6367(23)01365-9.
21. Shu Ping Wong, Sen Mui Tan, Cheng-Siang Lee, Kian Boon Law, **Yvonne Ai Lian Lim**, Reena Rajasuriar. Prospective Longitudinal Analysis of Clinical and Immunological Risk Factors Associated with Oral and Gastrointestinal Mucositis Following Autologous Stem Cell Transplant in Adults. *Supportive Care in Cancer* 2023, 31(8):494.

22. Pei Yee Tan, Syahirah Nadiah Mohammad Johari, Kim-Tiu Teng, Radhika Loganathan, Soo Ching Lee, Romano Ngui, Kanga Rani Selvaduray and **Yvonne Ai Lian Lim**. High prevalence of malnutrition and vitamin A deficiency among schoolchildren of rural areas in Malaysia using a multi-school assessment approach. *British Journal of Nutrition* 2023, 129(3):454-467. doi: 10.1017/S0007114522001398.
23. Amanda J. Lea, Andrew G. Clark, Andrew W. Dahl, Orrin Devinsky, Angela R. Garcia, Christopher D. Golden, Joseph Kamau, Thomas S. Kraft, **Yvonne A.L. Lim**, Dino Martins, Donald Mogoi, Paivi Pajukanta, George Perry, Herman Pontzer, Benjamin C. Trumble, Samuel S. Urlacher, Vivek V. Venkataraman, Ian J. Wallace, Michael Gurven, Daniel Lieberman, Julien F. Ayroles. Evolutionary mismatch and the role of GxE interactions in human disease. *ArXiv* 2023, arXiv:2301.05255v2.
24. Farhat Abjani, Priya Madhavan, Pei Pei Chong, Karuthan Chinna, Charles Anthony Rhodes and **Yvonne Ai Lian Lim**. Urbanisation and its associated factors affecting human gut microbiota: where are we heading to? *Annals of Human Biology* 2023, 50(1):137-147. doi: 10.1080/03014460.2023.2170464.
25. Abu Bakar, N., Sahimin, N., **Lim Y.A.L.**, Ibrahim, K. Mohd Zain, S.N. Poverty related diseases amongst Malaysia's low-income community: A Review. *Tropical Biomedicine* 2023, 40(1): 65-75. <https://doi.org/10.47665/tb.40.1.013>
26. Shu Ping Wong, Munirah Jamal, Khairunnajwa Muhamad, Muhd Zanapiah Zakaria, Kian Meng Chang, Faridah Islahudin, Sen Mui Tan, Mahmoud Danaee, **Yvonne Ai Lian Lim**, Reena Rajasuriar. Psychometric evaluation of Oral Mucositis Daily Questionnaire – a cross-cultural adaptation of the Malay version in multiethnic adult autologous stem-cell transplant. *Asia-Pacific Journal of Oncology Nursing* 2023, 10:100180.
27. Pei Yee Tan, Radhika Loganathan, Kim-Tiu Teng, Soo Ching Lee, Syahirah Nadiah Mohd Johari, Kanga Rani Selvaduray, Romano Ngui and **Yvonne Ai-Lian Lim**. Red palm olein-enriched biscuit supplementation lowers *Ascaris lumbricoides* reinfection at 6-month after anthelmintic treatment among schoolchildren with vitamin A deficiency (VAD). *Acta Tropica* 2023, 240: 106860.

2022

28. Jing Wei Lai, Mohd Jamil Maah, Kong Wai Tan, Rozie Sarip, **Yvonne Ai Lian Lim**, Rakesh Ganguly, Loke Tim Khaw, Chew Hee Ng. Dinuclear and mononuclear metal(II) polypyridyl complexes against drug-sensitive and drug-resistant *Plasmodium falciparum* and their mode of action. *Malaria Journal* 2022, 21: 386. <https://doi.org/10.1186/s12936022-04406-0>
29. Shushan Sargsian, Ze Chen, Soo Ching Lee, Amicha Robertson, Gregory Putzel, Julia Sproch, Joseph Devlin, Mian Zi Tee, Yi Xian Er, Richard Copin, Kelly V. Ruggles, Adriana Heguy, Alejandro Pironti, **Yvonne A.L. Lim**, P'ng Loke, Ken Cadwell. Clostridia isolated from helminth-colonized humans promote the life cycle of *Trichuris* species. *Cell Reports* 2022, 41(9):111725. doi: 10.1016/j.celrep.2022.111725.
30. Mian Zi Tee, Yi Xian Er, Alice V. Easton, Nan Jiun Yap, Li Li Lee, Joseph Devlin, Ze Chen, Kee Seong Ng, Poorani Subramanian, Angelina Angelova, Oyebola Oyesola, Shushan Sargsian, Romano Ngui, Daniel P. Beiting, Christopher Chiong Meng Boey, Kek Heng Chua, Ken Cadwell, **Yvonne Ai Lian Lim**, P'ng Loke, Soo Ching Lee. Gut Microbiome of Helminth-Infected Indigenous Malaysians Is Context Dependent. *Microbiome* 2022, 10:214. <https://doi.org/10.1186/s40168-022-01385-x>
31. Haron, F.N., Azazi, A., Chua, K.H., **Lim, Y.A.L.**, Lee, P.C., Chew, C.H. *In silico* structural modeling and quality assessment of *Plasmodium knowlesi* apical membrane antigen 1 using comparative models of proteins. *Tropical Biomedicine* 2022, 39(3): 394-401. <https://doi.org/10.47665/tb.39.3.009>
32. Ian J. Wallace, Amanda J. Lea, **Yvonne A. L. Lim**, Steven K. W. Chow, Izandis bin Mohd Sayed, Romano Ngui, Mohd Tajudin Haji Shaffee, Kee-Seong Ng, Colin Nicholas, Vivek

- V. Venkataraman, Thomas S. Kraft. Orang Asli Health and Lifeways Project (OA HeLP): A Cross-Sectional Cohort Study Protocol. *BMJ Open* 2022, 12:e058660. doi:10.1136/bmjopen-2021-058660.
33. Muslim, A., **Lim, YAL**. Higher efficacy of a single dosage albendazole and different soiltransmitted helminths re-infection profiles amongst indigenous Negritos from inland jungle versus those in resettlement at town peripheries. *Tropical Biomedicine* 2022, 39(3): 402-411. <https://doi.org/10.47665/tb.39.3.010>
 34. Ahmad Syatir Tahar, Lesley Maurice Bilung, Kasing Apun, Reena Leeba Richard, Hashimatul Fatma Hashim, Elexson Nillian, Lau Seng, **Yvonne Ai-Lian Lim**. Contamination of waterborne parasites at water treatment plants and a gravity-feed system: a highlight on water safety for urban and rural communities in Kuching, Sarawak. *International Journal of Biology And Biomedical Engineering* 2022, 16: 298-310. doi: 10.46300/91011.2022.16.37
 35. Shamala Devi Sekaran, Amni Adilah Ismail, Gaythri Thergarajan, Samudi Chandramathi, S.K. Hanan Rahman, Ravishankar Ram Mani, Felicita Fedelis Jusof, **Yvonne AL Lim**, Rishya Manikam. Host immune response against DENV and ZIKV infections. *Frontiers in Cellular and Infection Microbiology* 2022, 12:975222. doi: 10.3389/fcimb.2022.975222
 36. Mian Zi Tee, Soo Ching Lee, Yi Xian Er, Nan Jiun Yap, Romano Ngui, Alice V. Easton, Vinnie Wei Yin Siow, Kee Seong Ng, Christopher Chiong Meng Boey, Kek Heng Chua, Ken Cadwell, P'ng Loke, **Yvonne Ai Lian Lim**. Efficacy of triple dose albendazole treatment for soil-transmitted helminth infections. *Plos One* 2022, 17(8):e0272821. doi: 10.1371/journal.pone.0272821.
 37. Lai, J. W., Maah, M. J., Sarip, R., **Lim, Y. A. L.**, Khaw, L. T. and Ng, C. H. (2022). Potency of copper(II) complexes towards drug-sensitive and -resistant *Plasmodium falciparum*: structure-activity relationship, ROS-generation and proteasome inhibition. *Journal of Molecular Structure* 2022, 1267: 133588. <https://doi.org/10.1016/j.molstruc.2022.133588>
 38. Van Lun Low, Siti Sarah Azhar, Tiong Kai Tan, Premaalatha Bathmanaban, Sazaly AbuBakar, Panchadcharam Chandrawathani, Hassan Nizam Quaza Nizamuddin, Mohd Saeid Faizah Hanim, Ngah Hamid Akma & Mohd Noor Norlizan, **Yvonne Ai Lian Lim**. First report of *Rickettsia asebonensis* in small ruminants. *Veterinary Research Communications* 2022, 46(3):979-983. doi: 10.1007/s11259-022-09904-9.
 39. Martin Walker, Luzia T. Freitas, Julia B. Halder, Matthew Brack, Jennifer Keiser, Charles H. King, Bruno Levecke, **Yvonne Ai-Lian Lim**, Otavio Pieri, Doudou Sow, J. Russell Stothard, Joanne P. Webster, Xiao-Nong Zhou, Robert F. Terry, Philippe J. Guérin, Maria-Gloria Basáñez. Improving anthelmintic treatment for schistosomiasis and soiltransmitted helminthiases through sharing and reuse of individual participant data. *Wellcome Open Research* 2022, 5;7:5. doi: 10.12688/wellcomeopenres.17468.1. eCollection 2022.
 40. Vanitha Mariappan, Soo Tein Ngoi, **Yvonne Ai Lian Lim**, Romano Ngui, Kek Heng Chua, Cindy Shuan Ju Teh. Genotypic and phenotypic characterization of *Escherichia coli* isolated from indigenous individuals in Malaysia. *Iranian Journal of Basic Medical Sciences* 2022, 25(4):468-473. doi: 10.22038/IJBMS.2022.61612.13637.
 41. Vinnie Wei Yin Siow, Van Lun Low, Tiong Kai Tan, Meng Li Wong, Cherrng Shii Leong, Nazni Wasi Ahmad, **Yvonne Ai Lian Lim**. Identification of potential vectors of *Dirofilaria immitis* and *Brugia pahangi* (Spirurida: Filariidae): First observation of infective third-stage larva of *B. pahangi* in *Culex quinquefasciatus* (Diptera: Culicidae). *Pathogens and Global Health* 2022, Mar 14;1-9. doi: 10.1080/20477724.2022.2035624.
 42. Li-Fang Yeo, Soo Ching Lee, Uma Devi Palanisamy, BAK Khalid, Qasim Ayub, Shu Yong Lim, **Yvonne AL Lim**, Maude Elvira Phipps. The Oral, Gut Microbiota and Cardiometabolic Health of Indigenous Orang Asli Communities. *Frontiers in Cellular and Infection Microbiology* 2022, 12: 812345. doi: 10.3389/fcimb.2022.812345

43. Hassan, N.A., Noor Badi, F.A., Mohd-Shaharuddin, N., Wan Yusoff, W.S., **Lim, Y.A.L.**, Chua, K.H., Sidi Omar, S.F.N., Chang, L.Y., Majid, H.A., Ngui, R. A conventional multiplex PCR for the detection of four common soil-transmitted nematodes in human feces: development and validation. *Tropical Biomedicine* 2022, 39(1): 135-143. <https://doi.org/10.47665/tb.39.1.016>.
44. Tan, TK, Yap, NJ, Leong, KF, Teh, CS, Tay, S.T., **Lim, Y.A.L.** Imported case of *Leishmania tropica* cutaneous leishmaniasis in a 10-year-old child in Malaysia. *Tropical Biomedicine* 2022, 39(1): 86-88.
45. Wei Yin Vinnie-Siow, Tiong Kai Tan, Van Lun Low, Yong Bin Teoh, Batah Kunalan Prakash, Sinnadurai Sivanandam, Reuben Sunil Kumar Sharma, **Yvonne Ai-Lian Lim**. Integration of microscopic, serological and molecular techniques for detection of filarial parasites in dogs in Malaysia. *Acta Parasitologica*, 2022, 67(1): 468-475. doi: 10.1007/s11686-021-00490-5.
46. Yi Xian Er, Soo Ching Lee, Leslie Thian-Lung Than, Azdayanti Muslim, Kin Fon Leong, Zhenli Kwan, Izandis Mohd Sayed and **Yvonne Ai-Lian Lim**. Tinea Imbricata among the Indigenous Communities: Current Global Epidemiology and Research Gaps Associated with Host Genetics and Skin Microbiota. *Journal of Fungi* 2022, 8, 202.
47. Shigehiko Uni, Ahmad Syihan Mat Udin, Poai Ean Tan, Jules Rodrigues, Coralie Martin, Kerstin Junker, Takeshi Agatsuma, Van Lun Low, **Yvonne Ai-Lian Lim**, Weerachai Saijuntha, Hasmahzaiti Omar, Nur Afiqua Zainuri, Masako Fukuda, Daisuke Kimura, Makoto Matsubayashi, Shoji Uga, Hiroyuki Takaoka, Mohd Sofian Azirun, Rosli Ramli. Description and molecular characterisation of *Pelecitus copsychi* Uni, Mat Udin & Martin n. sp. (Nematoda: Onchocercidae) from the white-rumped shama *Copsychus malabaricus* (Scopoli) (Passeriformes: Muscicapidae) of Pahang, Malaysia. *Current Research in Parasitology & Vector-Borne Diseases* 2022, 2: 100078.
48. Van Lun Low, Tiong Kai Tan, Kamil Azmi Tohiran, **Yvonne Ai Lian Lim**, Sazaly AbuBakar & Dzulhelmi Muhammad Nasir. A novel clade of bat-associated *Bartonella* detected in the bat fly *Leptocyclopodia ferrari* (Diptera: Nycteribiidae) parasitizing *Cynopterus brachyotis* (Chiroptera: Pteropodidae). *Veterinary Microbiology* 2022, 264: 109284.
49. Taib Azratul-Hizayu, Chee Dhang Chen, Koon Weng Lau, Noor Azrizal-Wahid, Tiong Kai Tan, **Yvonne Ai Lian Lim**, Mohd Sofian-Azirun, Van Lun Low. Phenotypic profile of *Aedes albopictus* (Skuse) exposed to pyrethroid-based mat vaporizers and underlying detoxification mechanisms: A statewide report in Selangor, Malaysia. *Parasitology International* 2022, 86: 102483.

2021

50. Savina Savir, Jonathan Wee Kent Liew, Indra Vythilingam, **Yvonne Ai Lian Lim**, Chun Hoe Tan, Kae Shin Sim, Vannajan Sanghiran Lee, Mohd Jamil Maah and Kong Wai Tan. Nickel(II) complexes with polyhydroxybenzaldehyde and O,N,S tridentate thiosemicarbazone ligands: Synthesis, cytotoxicity, antimalarial activity, and molecular docking studies. *Journal of Molecular Structure* 2021, 1242: 130815. <https://doi.org/10.1016/j.molstruc.2021.130815>
51. Kyaimon Myint, Kelly Jacobs, Aye-Mu Myint, Sau Kuen Lam, **Yvonne Ai-Lian Lim**, Christopher Chiong-Meng Boey, See Ziau Hoe, Gilles J. Guillemin. Psychological stresses in children trigger cytokine- and kynurenine metabolite-mediated abdominal pain and proinflammatory changes. *Frontiers in Immunology* 2021, 12:702301. doi: 10.3389/fimmu.2021.702301. eCollection 2021.
52. Wan Najdah Wan Mohamad Ali, Rohani Ahmad, Zurainee Mohamed Nor, Thuraiya Abdul Rahman, **Yvonne Ai-Lian Lim**. Spatial distribution of mosquito vector in dengue outbreak areas in Kuala Lumpur and Selangor, Malaysia. *Jurnal Serangga* 2021, 26(3): 104-133.

53. Tahar, A.S., Bilung, L.M., Apun, K., Richard, R.L., **Lim, Y.A.L.** Epidemiological study of human intestinal parasites in Sarawak, East Malaysia: A review. *Tropical Biomedicine* 2021, 38(3): 377-386.
54. Azratul-Hizayu, T., Chen, C.D., Lau, K.W., Azrizal-Wahid, N., Tan, T.K., **Lim, Y.A.L.**, Sofian-Azirun, M., Low, V.L. Bioefficacy of mosquito mat vaporizers and associated metabolic detoxication mechanisms in *Aedes aegypti* (Linnaeus) in Selangor, Malaysia: A statewide assessment. *Tropical Biomedicine* 2021, 38(3): 327-337. <https://doi.org/10.47665/tb.38.3.073>
55. Sidi Omar, S.F.N., Ngui, R., Ab Rahman, S.Z., Foo, J.C., Wang, Q.Y., Hassan, N.A., **Lim, Y.A.L.**, Musa, S. Oral bacteria detection among children with cancer in a tertiary teaching hospital in Kuala Lumpur, Malaysia. *Tropical Biomedicine* 2021, 38(3): 276-282. <https://doi.org/10.47665/tb.38.3.068>
56. Nan Jiun Yap, Hanisah Hossain, Thamayanthi Nada-Raja, Romano Ngui, Azdayanti Muslim, Boon-Peng Hoh, Loke Tim Khaw, Khamisah Abdul Kadir, Paul Cliff Simon Divis, Indra Vythilingam, Balbir Singh, **Yvonne Ai-Lian Lim**. Natural Human Infections with *Plasmodium cynomolgi*, *P. inui*, and 4 other Simian Malaria Parasites, Malaysia. *Emerging Infectious Diseases* 2021, 27(8): 2187-2191. DOI: <https://doi.org/10.3201/eid2708.204502>.
57. Azazi, A., Haron, F.N., Chua, K.H., **Lim, Y.A.L.**, Lee, P.C., Chew, C.H. Bioinformatics characterization of *Plasmodium knowlesi* apical membrane antigen 1 (PkAMA1) for multiepitope vaccine design. *Tropical Biomedicine* 2021, 38(3): 265-275. <https://doi.org/10.47665/tb.38.3.067>
58. Xiang Ting Goh, **Yvonne A. L. Lim**, Ping Chin Lee, Veeranoot Nissapatorn, Kek Heng Chua. Diversity and natural selection of *Merozoite Surface Protein-1* in three species of human Malaria Parasites: contribution from South-East Asian isolates. *Molecular and Biochemical Parasitology* 2021, 244:111390. doi: 10.1016/j.molbiopara.2021.111390.
59. Norashikin Mohd-Shaharuddin, **Yvonne Ai Lian Lim**, Romano Ngui and Sheila Nathan. Expression of *Ascaris lumbricoides* putative virulence-associated genes when infecting a human host. *Parasites & Vectors* 2021, 14: 176.
60. Sarat Dass, Romano Ngui, Balvinder Singh Gill, Yoke Fun Chan, Wan Yusoff Wan Sulaiman, **Yvonne Ai Lian Lim**, Rose Nani Mudin, Chee Kheong Chong, Lokman Hakim Sulaiman, I-Ching Sam. Spatiotemporal spread of chikungunya virus in Sarawak, Malaysia. *Transactions of the Royal Society of Tropical Medicine and Hygiene* 2021, 115: 922-931.
61. Vinnie-Siow, W.Y., Low, V.L., Tan, T.K., Teoh, Y.B., Prakash, B.K. and **Lim, Y.A.L.** Serological survey of canine vector-borne diseases in two animal shelters in central Peninsular Malaysia. *Tropical Biomedicine* 2021 Mar 1;38(1):145-149. doi: 10.47665/tb.38.1.025.
62. Azdayanti Muslim, **Yvonne Ai-Lian Lim**, Sakinah Mohd Sofian, Syahrul Azlin Shaari, Zaini Mohd Zain. Nutritional status, hemoglobin level and their associations with soiltransmitted helminth infections between Negritos (indigenous) from the inland jungle village and resettlement at town peripheries. *Plos ONE* 2021, 16(1): e0245377.
63. Ahmad Syatir Tahar, Lesley Maurice Bilung, Constance Suk Kim Goh, Elexson Nillian, **Yvonne Ai Lian Lim**, Reena Leeba Richard, Hashimatul Fatma Hashim, Kasing Apun. Fresh retailled vegetables contaminated with intestinal parasites: potential source of foodborne parasitic infections. *International Journal of Current Research and Review (IJCRR)* 2021, 13 (4): S-31-S-38.
64. Nur-Amirah Hassan, Autchariya Thodsapol, **Yvonne Ai Lian Lim**, Wan Yusoff Wan Sulaiman, Siti Farah Norasyikeen Sidi Omar, Kamontam Umsakul, Romano Ngui.

Copromolecular identification of intestinal nematode infections in a rural community in East Malaysia. *Parasitology International* 2021, 80: 102237.

2020

65. Eric Tzyy Jiann Chong, Joveen Wan Fen Neoh, Tiek Ying Lau, **Yvonne Ai-Lian Lim**, Hwa Chia Chai, Kek Heng Chua, Ping-Chin Lee. Genetic diversity of circumsporozoite protein in *Plasmodium knowlesi* isolates from Malaysian Borneo and Peninsular Malaysia. *Malaria Journal* 2020, 19:377.
66. Tiong Kai Tan, **Yvonne A.L. Lim**, Kek Heng Chua, Hwa Chia Chai, Van Lun Low, Premaalatha Bathmanaban, Sarah Affendi, Daryi Wang, Chandrawathani Panchadcharam. Characterization of benzimidazole resistance in *Haemonchus contortus*: Integration of phenotypic, genotypic and proteomic approaches. *Parasitology Research* 2020, 119(9): 2851-2862.
67. Nabil A. Nasr, Hesham M. Al-Mekhlafi, **Yvonne A.L. Lim**, Fatin Nur Elyana, Hany Sady, Wahib M. Atroosh, Salwa Dawaki, Ahmed K. Al-Delaimy, Mona A. Al-Areeqi, Abkar A. Wehaish, Tengku Shahrul Anuar, Rohela Mahmud. A holistic approach is needed to control the perpetual burden of soil-transmitted helminth infections among Indigenous schoolchildren in Malaysia. *Pathogens and Global Health* 2020, 114(3): 145-159.
68. Van Lun Low, Tiong Kai Tan, Jamaiah Ibrahim, Sazaly Abu Bakar & **Yvonne Ai Lian Lim**. First evidence of *Bartonella phoceensis* and *Candidatus Mycoplasma haemomuris* subsp. *ratti* in synanthropic rodents in Malaysia. *Asian Pacific Journal of Tropical Medicine* 2020, 13: 94-96.
69. Sivaneswari Selvarajoo, Jonathan Wee Kent Liew, Wing Tan, Xin Ying Lim, Wardha F. Refai, Rafdzah Ahmad Zaki, Neha Sethi, Wan Yussof Wan Sulaiman, **Yvonne Ai Lian Lim**, Jamunarani Vadivelu, Indra Vythilingam. Knowledge, attitude and practice on dengue prevention and dengue seroprevalence in a dengue hotspot in Malaysia: A cross-sectional study. *Scientific Reports* 2020, 10: 9534.
70. Juraina Abd-Jamil, Romano Ngui, Syahrul Nellis, Rosmadi Fauzi, **Yvonne Ai Lian Lim**, Karuthan Chinna, Chee-Sieng Khor and Sazaly AbuBakar. Possible factors influencing the seroprevalence of dengue among residents of the forest fringe areas of Peninsular Malaysia. *Journal of Tropical Medicine* 2020, 2020: 1019238.
71. Ming-Yen Yong, Soo-Ching Lee, Romano Ngui, **Yvonne Ai-Lian Lim**, Maude E Phipps, Li-Yen Chang. Seroprevalence of Nipah Virus Infection in Peninsular Malaysia. *The Journal of Infectious Diseases* 2020, 221 (Suppl 4): S370-S74.
72. Li Ping Wong, Haridah Alias, Seow Huey Choy, Xiang Ting Goh, Soo Ching Lee, **Yvonne Ai Lian Lim**, Boon Pin Kee, Kek Heng Chua Adeeba Kamaruzaman, Zizheng Zheng, Qinjian Zhao, Ting Wu. The study of seroprevalence of hepatitis E virus and an investigation into the lifestyle behaviors of the aborigines in Malaysia. *Zoonoses and Public Health* 2020, 67(3): 263-270.
73. K. Ruviniya, D.A. Abdullah, S. Sumita, **Y.A.L. Lim**, P.T. Ooi and R.S.K. Sharma. Molecular detection of porcine *Enterocytozoon bieneusi* infection in Peninsular Malaysia and epidemiological risk factors associated with potentially zoonotic genotypes. *Parasitology Research* 2020, 119(5): 1663-1674.
74. Savina Savir, Zi Jun Wei, Jonathan Wee Kent Liew, Indra Vythilingam, **Yvonne Ai-Lian Lim**, Hazwani Mat Saad, Kae Shin Sim, Kong Wai Tan. Synthesis, cytotoxicity and antimalarial activities of thiosemicarbazones and nickel (II) complexes. *Journal of Molecular Structure* 2020, 1211: 128090.
75. Ngui, R., Hassan, N.A., Chang, L.Y., Teh, S.J.C., Chua, K.H., Kee, B.P., Hoe, S.Z., **Lim, Y.A.L.** *Toxoplasma gondii* infection among the selected indigenous community in Sarawak, East Malaysia. *Tropical Biomedicine* 2020, 37(1): 155-164.

76. Soosai Peranathan Pavitra, Zubaidah Ya'cob, Tiong Kai Tan, **Yvonne Ai Lian Lim** & Van Lun Low. Genetic diversity and differentiation in the Blackflies *Simulium cheongi*, *Simulium jeffreyi* and *Simulium vanluni* (Diptera: Simuliidae) in Peninsular Malaysia. *Acta Tropica* 2020, 205: 105415.
77. Ling Ling Chua, Reena Rajasuriar, **Yvonne Ai Lian Lim**, Yin Ling Woo, P'ng Loke, Hany Ariffin. Temporal changes in gut microbiota profile in children with acute lymphoblastic leukemia prior to commencement-, during-, and post-cessation of chemotherapy. *BMC Cancer* 2020, 20: 151.
78. Narwani Hussin, **Yvonne Ai-Lian Lim**, Pik Pin Goh, Timothy William, Jenarun Jelip, Rose Nani Mudin. Updates on malaria incidence and profile in Malaysia from 2013 – 2017. *Malaria Journal* 2020, 19: 55.
79. Soosai Peranathan Pavitra, Van Lun Low, Tiong Kai Tan, **Yvonne Ai Lian Lim**, Zubaidah Ya'cob. Temporal variation in diversity and community structure of preimaginal blackflies in a tropical forest reserve in Malaysia. *Acta Tropica* 2020, 202: 105275.
80. Romano Ngui, Nur-Amirah Hassan, Nor Muhammad Soffyan Nordin, Norashikin MohdShaharuddin, Li Yen Chang, Cindy Shuan Ju Teh, Kek Heng Chua, Kee Boon Ping, See Ziau Hoe, **Yvonne Ai Lian Lim**. Copro-molecular study of *Entamoeba* infection among the indigenous community in Malaysia: a first report on the species-specific occurrence of *Entamoeba* in dogs. *Acta Tropica* 2020, 204: 105334.
81. Xiang Ting Goh, Kek Heng Chua, Boon Pin Kee and **Yvonne A. L. Lim**. Identification of *Plasmodium knowlesi* Merozoite Surface Protein-1₁₉ (PkMSP-1₁₉) novel binding peptides from a phage display library. *Tropical Medicine & International Health* 2020, 25(2): 172185.
82. Shigehiko Uni, Ahmad Syihan Mat Udin, Takeshi Agatsuma, Kerstin Junker, Weerachai Saijuntha, Naruemon Bunchom, Masako Fukuda, Coralie Martin, Emilie Lefoulon, Amandine Labat, Faisal Ali Anwarali Khan, Van Lun Low, Phaik Leng Cheah, **Yvonne Ai-Lian Lim**, Rosli Ramli, Daicus Martin Belabut, Nur Afiqah Zainuri, Makoto Matsubayashi, Hasmahzaiti Omar, Subha Bhassu, Shoji Uga, Rosli Hashim, Hiroyuki Takaoka, Mohd Sofian Azirun. Description, molecular characteristics and Wolbachia endosymbionts of *Onchocerca borneensis* Uni, Mat Udin & Takaoka n. sp. (Nematoda: Filarioidea) from the Bornean bearded pig *Sus barbatus* Müller (Cetartiodactyla: Suidae) of Sarawak, Malaysia. *Parasites & Vectors* 2020, 13: 50.
83. Chee-Sieng Khor, Nurul-Farhana Mohd-Rahim, Habibi Hassan, Kim-Kee Tan, Nurhafiza Zainal, Boon-Teong Teoh, Sing-Sin Sam, Jing-Jing Khoo, Hai-Yen Lee, **Yvonne Ai-Lian Lim**, Sazaly Abubakar. Serological Evidences of DENV, JEV and ZIKV among the Indigenous People (Orang Asli) of Peninsular Malaysia. *Journal of Medical Virology* 2020, 92(8): 956-962.

2019

84. Lai, J.W., Ng, C. H., **Lim, Y. A. L.**, & Maah, M. J. (2019). Synthesis, characterization and biological properties of copper(II) and zinc(II) complexes against blood-stage *Plasmodium falciparum*. *Malaysian Journal of Medicine and Health Science*, 15, 1. <https://myjournal.mohe.gov.my/public/article-view.php?id=146756>
85. Soo Ching Lee, Mei San Tang, Alice V. Easton, Joseph Cooper Devlin, Ling Ling Chua, Ilseung Cho, Foong Ming Moy, Tsung Fei Khang, **Yvonne Ai Lian Lim** & P'ng Loke. Linking the effects of helminth infection, diet and the gut microbiota with human wholeblood signatures. *PLoS Pathogen* 2019, 15(12): e1008066.
86. Sharudin, P.S., Rahimi, R., Latif, B., Kutty, M.K., Muslim, A., Abdul Rahim, A.S., Abdul Aziz, M., Mahfudz, A.S., **Lim, Y.A.L.**, Heo, C.C., Md Noor, S., Hiu, J. and Hussaini, J. Detection of human Sarcocystosis using dried blood on filter papers: An Immunofluorescent Antibody Test. *Tropical Biomedicine* 2019, 36(2): 453–458.

87. Chee-Sieng Khor, Habibi Hassan, Nurul-Farhana Mohd-Rahim, Josephine Rebecca Chandren, Siti-Sarah Nore, Jefree Johari, Shih-Keng Loong, Juraina Abd-Jamil, Jing-Jing Khoo, Hai-Yen Lee, Brian L. Pike, Wong Li Ping, **Yvonne Ai-Lian Lim**, Szazly Abubakar. Seroprevalence of *Borrelia burgdorferi* among the indigenous people (Orang Asli) of Peninsular Malaysia. *Journal of Infection in Developing Countries* 2019; 13(5): 449-454.
88. Norhidayu Sahimin, **Yvonne A.L. Lim**, Rahmah Noordin, Muhammad Hafiznur Yunus, Norsyahida Arifin, Jerzy Marian Behnke, Siti Nursheena Mohd Zain. Epidemiology and immunodiagnosics of *Strongyloides stercoralis* infections among migrant workers in Malaysia. *Asian Pacific Journal of Tropical Medicine*. *Asian Pacific Journal of Tropical Medicine* 2019, 12 (6): 250-257.
89. Vinnie-Siow, W.Y., Low, V.L., Tan, T.K., Teoh, Y.B., Vellayan, S., **Yvonne A.L. Lim**. Observations of scrotal mass, liver mass, haemolytic jaundice, and central vestibular disorder in *Brugia pahangi*-infected dogs. *Tropical Biomedicine* 2019, 36(1): 252–256.
90. Dennis Tappe, Yvonne Gross, Romano Ngui, Jessica Rauch, Sun Tee Tay, **Yvonne Ai Lian Lim**. High Seroprevalence Against Typhus Group and Spotted Fever Group Rickettsiae in Rural Indigenous Populations of Peninsular Malaysia. *Vector Borne Zoonotic Diseases* 2019, 19 (5):323-327.
91. Azdayanti Muslim, Sakinah Mohd Sofian, Syahrul Azlin Shaari, Boon-Peng Hoh, **Yvonne Ai Lian Lim**. Prevalence, intensity and associated risk factors of soil transmitted helminth infections: A comparison between Negritos (indigenous) in inland jungle and those in resettlement at town peripheries. *PLOS Neglected Tropical Diseases* 2019, 13(4): e0007331.
92. Goh, X.T., Chua, K.H., Vythilingam, I., Lee, P.C., Tan, T.C., Yap, N.J., Chai, H.C., Nissapatorn, V. and **Lim, Y.A.L.** Genetic diversity of Merozoite Surface Protein-1 gene block 2 allelic types in *Plasmodium falciparum* isolates from Malaysia and Thailand. *Tropical Biomedicine* 2019, 36(1): 70–80.
93. D.A. Abdullah, S.D. Ola-Fadunsin, F.I. Gimba, P. Chandrawathani, **Y.A.L. Lim**, F.F.A Jesse and R.S.K. Sharma. Molecular detection and epidemiological risk factors associated with *Cryptosporidium* infection among cattle in Peninsular Malaysia. *Food and Waterborne Parasitology* 2019, 12: e00035.
94. Zheng Hua Amelia-Yap, Sofian-Azirun Mohd, Chee Dhang Chen, I Wayan Suana, Koon Weng Lau, Nur Mohd Roslin Elia-Amira, Amirah Haziqah-Rashid, Tiong Kai Tan, **Yvonne Ai Lian Lim**, Van Lun Low. Pyrethroids use: threats on the metabolic-mediated resistance mechanisms in the primary dengue vector in Indonesia, *Aedes aegypti* (Diptera: Culicidae). *Journal of Medical Entomology* 2019, 56(3): 811-816.
95. Mohd-Shaharuddin S, **Lim YAL**, Hassan N-A, Nathan S, Ngui R (2019) Molecular characterization of *Trichuris* species isolated from humans, dogs and cats in a rural community in Peninsular Malaysia. *Acta Tropica* 2019, 190: 269-272.
96. Tiong Kai Tan, Van Lun Low, Wern Hann Ng, Jamaiah Ibrahim, Daryi Wang, Chun Hoong Tan, Selvi Chellappan, **Yvonne Ai Lian Lim**. Occurrence of zoonotic *Cryptosporidium* and *Giardia duodenalis* species/genotypes in urban rodents. *Parasitology International* 2019, 69: 110-113.
97. Hesham M. Al-Mekhlafi, Nabil A. Nasr, **Yvonne A.L. Lim**, Fatin Nur Elyana, Hany Sady, Wahib M. Atroosh, Salwa Dawaki, Tengku Shahrul Anuar, Rahmah Noordin, Rohela Mahmud. Prevalence and risk factors of *Strongyloides stercoralis* infection among Orang Asli schoolchildren: new insights into the epidemiology, transmission and diagnosis of strongyloidiasis in Malaysia. *Parasitology* 2019, 146 (12): 1602-1614.
98. Sahimin, N., Yunus, M.H., Douadi, B., **Yvonne Lim, A.L.**, Noordin, R., Behnke, J.M. and Mohd Zain, S.N. *Entamoeba* infections and associated risk factors among migrant workers in Peninsular Malaysia. *Tropical Biomedicine* 2019, 36(4): 1014-1026.

99. Hassan, Nur-Amirah, **Lim, Yvonne**, Mahmud, Rohela, Mohd-Shaharuddin, Norashikin, Wan Sulaiman, Wan Yusoff, Ngui, Romano. Molecular diagnosis of microsporidia among immunocompromised patients in Kuala Lumpur, Malaysia. *American Journal of Tropical Medicine & Hygiene* 2018, 99(6):1562-1566.
100. Nan Jiun Yap, Indra Vythilingam, Boon Peng Hoh, Xiang Ting Goh, Azdayanti Muslim, Romano Ngui, Yamuna Rajoo, Seow Huey Choy, Timothy William, Tsin Wen Yeo, **Yvonne A.L. Lim**. Genetic polymorphism and natural selection in the C-terminal 42 kDa region of merozoite surface protein-1 (MSP-1) among *Plasmodium knowlesi* samples from Malaysia. *Parasites & Vectors* 2018, 11(1): 626.
101. Van Lun Low, Hiroyuki Takaoka, Peter H. Adler, Tiong Kai Tan, Francis Cheng-Hsuan Weng, Cheng-Yu Chen, **Yvonne Ai Lian Lim**, Zubaidah Ya'cob, Chee Dhang Chen, Mohd Sofian-Azirun, Daryi Wang. A novel molecular and chromosomal lineage of the anthropophilic Simulium (Simulium) rufibasis subgroup (Diptera: Simuliidae) in Taiwan. *Parasitology Research* 2018, 117(10): 3137–3143.
102. Lesley Maurice Bilung, Ahmad Syatir Tahar, Nur Emyliana Yunos, Kasing Apun, **Yvonne Ai-Lian Lim**, Elexson Nillian and Hashimatul Fatma Hashim. Detection of *Cryptosporidium* and *Cyclospora* oocysts from environmental water for drinking and recreational activities in Sarawak, Malaysia. *Biomed Research International* 2017, 4636420.
103. Kathleen N Ordoñez, **Yvonne Ai-Lian Lim**, Xiang Ting Goh, Vachel Gay V Paller. Parasite contamination of freshly harvested vegetables from selected organic and conventional farms in The Philippines. *Journal of Tropical Agricultural Science* 2018, 41(4): 1-16.
104. Tan Li Peng, Kan Foong Kee, **Yvonne AL Lim**. A colonic amoebic abscess mimicking colonic carcinoma. *Medical Journal of Malaysia* 2018, 73(5): 263-264.
105. Soo Ching Lee, Ling Ling Chua, Siew Hwei Yap, Tsung Fei Khang, Chan Yoon Leng, Iskandar Azwa, Sharon R Lewin, Adeeba Kamarulzaman, Yin Ling Woo, **Yvonne Ai Lian Lim**, P'ng Loke, Reena Rajasuriar. Enrichment of gut-derived *Fusobacterium* is associated with suboptimal immune recovery in HIV-infected individuals. *Scientific Reports* 2018, 8:14277.
106. Van Lun Low, Batah Kunalan Prakash, **Yvonne Ai-Lian Lim**, Tiong Kai Tan, Wei Yin Vinnie-Siow, Mohd Sofian-Azirun and Sazaly AbuBakar. Detection of Anaplasmataceae agents and co-infection with other tick-borne protozoa in dogs and *Rhipicephalus sanguineus* sensu lato ticks. *Experimental and Applied Acarology* 2018, 75(4):429-435.
107. Batah Kunalan Prakash, Van Lun Low, Tiong Kai Tan, Wei Yin Vinnie-Siow, **Yvonne AiLian Lim**, Akhavan Rezaei Morvarid, Adzzie Shazleen Azman, Yze Shiuan Yeong, Sazaly AbuBakar and Mohd Sofian-Azirun. Detection of *Hepatozoon canis* in the brown dog tick and domestic dogs in Peninsular Malaysia. *Journal of Medical Entomology* 2018, 55(5):1346-1348.
108. Batah Kunalan Prakash, Van Lun Low, Wei Yin Vinnie-Siow, Tiong Kai Tan, **Yvonne AiLian Lim**, Akhavan Rezaei Morvarid, Sazaly AbuBakar and Mohd Sofian-Azirun. Detection of *Babesia* spp. in dogs and their ticks from Peninsular Malaysia: Emphasis on *Babesia gibsoni* and *Babesia vogeli* infections in *Rhipicephalus sanguineus* sensu lato (Acari: Ixodidae). *Journal of Medical Entomology* 2018, 55(5):1337-1340.
109. Norhidayu Sahimin, Benacer Douadi, **Yvonne Ai Lian Lim** and Siti Nursheena Mohd Zain. Distribution of *Giardia duodenalis* (Assemblages A and B) and *Cryptosporidium parvum* amongst migrant workers in Peninsular Malaysia. *Acta Tropica* 2018, 182: 178184.
110. Eric Tzyy Jiann Chong, Ping-Chin Lee, **Yvonne Ai-Lian Lim**, Kek Heng Chua. Genetic and haplotype analyses targeting cytochrome b gene of *Plasmodium knowlesi* isolates of Malaysian Borneo and Peninsular Malaysia. *Acta Tropica* 2018, 181: 35-39.

111. Khor CS, Mohd-Rahim NF, Hassan H, Chandren JR, Nore SS, Johari J, Loong SK, AbdJamil J, Khoo JJ, Lee HY, Pike BL, Wong LP, **Lim YA**, Zandi K, AbuBakar S. Seroprevalence of Q fever among the indigenous people (Orang Asli) of Peninsular Malaysia. *Vector Borne Zoonotic Diseases* 2018, 18(3):131-137.
112. Mohd-Shaharuddin N, **Lim YAL**, Hassan NA, Nathan S, Ngui R. Soil-transmitted helminthiasis among indigenous communities in Malaysia: Is this the endless malady with no solution? *Tropical Biomedicine* 2018, 35(1): 1-13.
113. Koh FX, Kho KL, Kisomi MG, Wong LP, Bulgiba A, Tan PE, **Lim YAL**, Nizam QNH, Panchadcharam C, Tay ST. *Ehrlichia* and *Anaplasma* infections: Serological evidence and tick surveillance in Peninsular Malaysia. *Journal of Medical Entomology* 2018, 55(2): 269–276.
114. Nur Amirah Hassan, **Yvonne AL Lim**, Rohela Mahmud, Norashikin Mohd Shaharuddin, Romano Ngui. Microsporidia infection among various groups of immunocompromised patients in Malaysia. *Tropical Biomedicine* 2018, 35(2): 521-530.
115. Nguk Ting Lo, Tomoya Hirose, Yvonne Ai Lian Lim, Md. Harun-Or-Rashid, Junichi Sakamoto. **Yvonne AL Lim**. Inadequate water treatment quality as assessed by protozoa removal in Sarawak, Malaysia. *Nagoya Journal of Medical Science* 2018, 80(2): 165-174.

2017

116. Ahmad Syatir Tahar, Lesley Maurice Bilung, Nur Emyliana Yunos, Kasing Apun, **Yvonne Ai-Lian Lim**, Elexson Nillian and Hashimatul Fatma Hashim. Detection of *Cryptosporidium* and *Cyclospora* oocysts from environmental water for drinking and recreational activities in Sarawak, Malaysia. *Biomed Research International* 2017, 4636420.
117. **Yvonne AL Lim**, Veeranoot Nissapatorn. Transmission of waterborne parasites in the Association of Southeast Asian Nations (ASEAN): Overview and direction forward. *Food and Waterborne Parasitology* 2017, 8-9: 75-83.
118. Noor Afizah Ahmad, Indra Vythilingam, **Yvonne Ai-Lian Lim**, Nur Zatil Aqmar Mohd Zabari, Lee Han Lim. Detection of *Wolbachia* in *Aedes albopictus* and their effects on chikungunya virus. *American Journal of Tropical Medicine and Hygiene* 2017, 96(1): 148156.
119. Sai-Ming Lau, Tock-Hing Chua, Wan-Yussof Wan-Sulaiman, Sylvia Joanne, **Yvonne AiLian Lim**, Shamala Devi Sekaran, Karuthan Chinna, Balan Venugopalan, Indra Vythilingam. A new paradigm for *Aedes* surveillance using gravid ovipositing sticky trap and NS1 antigen test kit. *Parasites & Vectors* 2017, 10:151.
120. Yamuna Rajoo, Stephen Ambu, **Yvonne Ai-Lian Lim**, Komalaveni Rajoo, Tey Siew Chang, Lu Chan Woon, Romano Ngui. Neglected intestinal parasites, malnutrition and associated key factors: A population based cross-sectional study among indigenous communities in Borneo Island, Malaysia. *Plos One* 2017, 12(1): e0170174.
121. Chua TH, Emmanuel J, Lee KT, Kan FK, Tee KS, Abidin Z, Rajasekaram G, Tan LH, Low EC, **Lim YAL**, Menon J. Taeniasis and neurocysticercosis among Malaysians. *Tropical Biomedicine* 2017, 34(1): 1–7.
122. Norhidayu Sahimin, **Yvonne Ai-Lian Lim**, Farnaza Ariffin, Jerzy Behnke, Maria-Gloria Basáñez, Martin Walker, John Lewis, Rahmah Noordin, Khairul Anuar Abdullah, Siti Nursheena Mohd Zain. Socio-demographic determinants of *Toxoplasma gondii* seroprevalence in migrant workers of Peninsular Malaysia. *Parasites & Vectors* 2017, 10: 238.
123. Syazwan Saidin, Nurulhasanah Othman, Muhammad Hafiznur Yunus, **Yvonne Ai-Lian Lim**, Zeehaida Mohammed, Nik Zairi Zakaria, Rahmah Noordin. Development and initial evaluation of a lateral flow dipstick test for antigen detection of *Entamoeba histolytica* in stool sample. *Pathogens and Global Health* 2017, 24: 1-9.

124. Shigehiko Uni, Ahmad Syihan Mat Udin, Takeshi Agatsuma, Weerachai Saijuntha, Kerstin Junker, Rosli Ramli, Hasmahzaiti Omar, **Yvonne Ai-Lian Lim**, Sinnadurai Sivanandam, Emilie Lefoulon, Coralie Martin, Daicus Martin Belabut, Saharul Kasim, Muhammad Rasul Abdullah Halim, Nur Afiqah Zainuri, Subha Bhassu, Masako Fukuda, Makoto Matsubayashi, Masashi Harada, Van Lun Low, Chee Dhang Chen, Narifumi Sukanuma, Rosli Hashim, Hiroyuki Takaoka and Mohd Sofian Azirun. Morphological and molecular characteristics of Malayfilaria sofiani Uni, Mat Udin and Takaoka n. g., n. sp. (Nematoda: Filarioidea) from the common treeshrew *Tupaia glis* Diard and Duvaucel (Mammalia: Scandentia) in Peninsular Malaysia. *Parasites & Vectors* 2017, 10: 194-125. Mohamad Azlan Abd Majid, Veeranoot Nissapatorn, Tian Chye Tan, Reena Leeba Richard, Tooba Mahboob, Brandon Mong, Narong Jaturas, Anusorn Phimphila, Panomphanh Mahaphonh, Kyaw Nyein Aye, Wai Lynn Aung, Atipat Yasri, Nongyao Sawangjareon, **Yvonne Ai-Lian Lim**, Joon Chuah, Alan Ziegler. Pathogenic waterborne free-living amoebae: An update from selected Southeast Asian countries. *Plos ONE* 2017, 12(2): e0169448.
126. Ling Ling Chua, Reena Rajasuriar, Mohamad Shafiq Azanan, Noor Kamila Abdullah, Mei San Tang, Soo Ching Lee, Yin Ling Woo, **Yvonne AL Lim**, Hany Ariffin, P'ng Loke. Reduced microbial diversity in adult survivors of childhood acute lymphoblastic leukemia and microbial associations with increased immune activation. *Microbiome* 2017, 5(1): 35.
127. Norhidayu Sahimin, **Yvonne Ai-Lian Lim**, Benacer Douadi, Mohd Khairul Nizam Mohd Khalid, John-James Wilson, Jerzy M. Behnke, Siti Nursheena Mohd Zain. Hookworm infections among migrant workers in Malaysia: Molecular identification of *Necator americanus* and *Ancylostoma duodenale*. *Acta Tropica* 2017, 173: 109–115.
128. Van Lun Low, Tiong Kai Tan, Batah Kunalan Prakash, Wei Yin Vinnie-Siow, Sun Tee Tay, Rongthip Masmeatathip, Upik Kesumawati Hadi, **Yvonne Ai-Lian Lim**, Chee Dhang Chen, Yusoff Norma-Rashid, Mohd Sofian-Azirun. Contrasting evolutionary patterns between two haplogroups of *Haematobia exigua* (Diptera: Muscidae) from the mainland and islands in Southeast Asia. *Scientific Reports* 2017, 7: 5871.
129. Sahu Priyadarshi, **Yvonne AL Lim**, Mahmud Rohela, Somanath Sushela D, Tan Chong T, Ramachandran CP. Needs of exploring the burden of recent onset seizures due to neurocysticercosis and challenges in Southeast Asia focusing on scenario in Malaysia. *Asian Pacific Journal of Tropical Medicine* 2017, 10(4): 332-340.
130. Nan Jiun Yap, Xiang Ting Goh, Anson V. Koehler, Timothy William, Tsin Wen Yeo, Indra Vythilingam, Robin B. Gasser, **Yvonne AL Lim**. Genetic diversity in the C-terminus of merozoite surface protein 1 among *Plasmodium knowlesi* isolates from Selangor and Sabah Borneo, Malaysia. *Infection Genetics and Evolution* 2017, 54: 39–46.
131. Tiong Kai Tan, Chandrawathani Panchadcharam, Van Lun Low, Soo Ching Lee, Kek Heng Chua, Reuben S.K. Sharma, Premaalatha Bathmanaban, Romano Ngui, Sun Tee Tay, **Yvonne AL Lim**. Occurrence of gastro-intestinal parasites among small ruminants in Malaysia: Highlighting *Dicrocoelium* infection in goats. *Tropical Biomedicine*, 34(4): 17.
132. Arine Fadzlan Ahmad, Romano Ngui, Jaxinthe Ong, Farikha Sarip, Wan Hafiz Wan Ismail, Zurainee Mohamed Nor, Amirah Amir, **Yvonne Ai-Lian Lim**, Rohela Mahmud. Case report: A symptomatic case of *Hymenolepis diminuta* infection in an urban-dwelling adult in Malaysia. *American Journal of Tropical Medicine and Hygiene* 2017, 97(1): 163165.
133. Choo Huck Ooi, Mohamad Adam Bujang, Tg Mohd Ikhwan Tg Abu Bakar Sidik, Romano Ngui, **Yvonne Ai-Lian Lim**. Over two decades of *Plasmodium knowlesi* infections in Sarawak: Trend and forecast. *Acta Tropica* 2017, 176: 83-90.
134. Shigehiko Uni, Masako Fukuda, Kou Ogawa, **Yvonne Ai-Lian Lim**, Takeshi Agatsuma, Naruemon Bunchom, Weerachai Saijuntha, Yasushi Otsuka, Subha Bhassu, Ahmad Syihan Mat Udin, Nur Afiqah Zainuri, Hasmahzaiti Omar, Jun Nakatani, Makoto Matsubayashi, Haruhiko Maruyama, Rosli Ramli, Mohd Sofian Azirun, Hiroyuki Takaoka. Zoonotic infection with *Onchocerca dewittei japonica* in an 11-year-old boy in Kansai Region, Western Honshu, Japan. *Parasitology International* 2017, 66: 593–595.