

Technical Review Panel Member

Curriculum Vitae

Name: Gawrie Nirdoshi Loku Galappaththy(G.N.L Galappaththy)

Nationality: Sri Lankan

Additional languages: Sinhala (native), English, Russian

Expertise: Malaria

Qualifications

Qualification	Institution	Department	Year
Doctor of Medicine and surgery	Bylorussian State medical institute, Minsk, Bylorussia	Medical College	1990
MSc Public Health	Post Graduate Institute of Medicine, University of Colombo, Sri Lanka	Public Health	1996
MD Public Health	Post Graduate Institute of Medicine, University of Colombo, Sri Lanka	Public Health	2001

Employment History

Employer	Position	Place	Year
Dr Manjula Karunaratne	Head, Quality Health care and safety, Asiri group of hospitals (leading private hospital in Sri Lanka)	Sri Lanka	2021 upto date
WR, WHO PHL	Incidence Manager for COVID-19 , WHO	WHO, Manila, PHL	2020-2021

WR, PHL	Medical Officer, Malaria and other vector borne diseases and parasitic diseases	WHO, Manila, Philippines	2018-2021
Director, GMP, WHO, Geneva	Medical Officer,	Malaria Elimination Unit, Global Malaria Programme, World Health Organization, Geneva	2016-2018
WR, WHO, Vietnam	Medical Officer	Malaria, other Vector borne diseases and Parasitic diseases, World Health Organization, Vietnam	2014-2016
WR, WHO Myanmar	Technical Officer, Malaria,	World Health Organization , Myanmar	2012-2014
Secretary, Ministry of Health, Sri Lanka	2011 to 2012 Sep - Project Director, Global Fund to fight Against AIDs, TB, Malaria (GFATM) Project,	Sri Lanka, Ministry of Health	2011-2012
Director General of Health services, Ministry of Health, Sri Lanka	Consultant Community Physician, Anti Malaria Campaign Headquarters, Ministry of Health, Colombo, Sri Lanka	Sri Lanka, Ministry of Health	1997-2012
Director General of Health services, Ministry of Health, Sri Lanka	Medical Officer, Rheumatology and Rehabilitation Unit	Lady Ridgeway Childrens' Hospital, Colombo, Sri Lanka	1994-1996

Director General of Health services, Ministry of Health, Sri Lanka	Divisional Director of Health Services, Matara District, Sri Lanka	Matara, Sri Lanka	1992-1994
Director General of Health services, Ministry of Health, Sri Lanka	Internship	General Hospital, Anuradhapura, Sri Lanka	1991-1992

Relevant Publications

1. "A study on some risk factors for acute diarrhoeal diseases among children under 5 years of age at Lady Ridgeway Childrens' Hospital, Colombo, Sri Lanka – MSc (Community Medicine) Dissertation- 1996
2. " Elimination of *P.falciparum* malaria from Sri Lanka: an epidemiological possibility" Journal of the College of Community Physician of Sri Lanka. Volume 4. 1999
3. "Chloroquine resistant *falciparum* malaria in Sri Lanka". The 6th Annual Scientific Sessions of the College of Community Physicians of Sri Lanka. 2001 (MD Community Medicine Thesis)
4. "A safety and efficacy trial of artesunate, sulphadoxine-pyremethamine and primaquine in *P.falciparum* malaria" Ceylon Medical journal, 2002 Sep.
5. "Role of Community Based Organisations in the control of malaria" Published in Sinhala (co-author), Sri Lanka, 2003
6. "The social and economic burden of malaria in Sri Lanka". Asian Parasitology, Malaria in Asia,. vol 6. 2005
7. "Spatio-temporal distribution of insecticide resistance in *Anopheles culicifacies* and *Anopheles subpictus* in Sri Lanka". Trans. Royal Society of Tropical Medicine and Hygiene. 2005, 99: 751-761
8. " Maps of the Sri Lanka malaria situation preceding the tsunami and key aspects to be considered in the emergency phase and beyond". Malaria Journal, 2005, 4: 8
9. "Malaria in Sri Lanka one year post tsunami". Commentary article, Malaria Journal, 2006

10 Written a chapter on malaria case definition in the booklet “Surveillance case definitions for notifiable diseases in Sri Lanka” published by Epidemiology Unit, Ministry of Health, Sri Lanka, 2005

11.“Facts for life”. Written a chapter on malaria funded by UNICEF organized by Health Education Bureau, Ministry of Health, Sri Lanka

12.“Different regimens of primaquine in the treatment of relapses of *P.vivax* malaria”. Meta analysis. Cochrane Review. 2007, issue 1

13.“Island-wide diversity in single nucleotide polymorphisms of the plasmodium vivax dihydrofolate reductase and dihydropteroate synthetase genes in Sri Lanka. Malaria Journal, 2007, 6: 28

14.Rajakaruna, R., Amerasinghe, P.H., **Galappaththy, G.N.L.**, Konradsen F.,Briet, O.J.T., and Alifrangis, M (2008). Current status of malaria and anti-malarial drug resistance in Sri Lanka. *Ceylon Journal of Science* **37** (1): 15-22.

15.Models for short term malaria prediction in Sri Lanka. Malaria Journal 2008, 7:76

16.Temporal correlation between malaria and rainfall in Sri Lanka. Malaria Journal 2008, 7:77

17.Epochal changes in the association between malaria epidemics and El Nino in Sri Lanka. Malaria Journal 2008,7:140

18.Current status of malaria and antimalarial drug resistance in Sri Lanka. Ceylon Journal of Science (Bio. Sci.) 37 (1): 15-22,2008

19.Knowledge regarding mosquito nets in two malaria endemic areas of Sri Lanka. Proceedings of the Eleventh National Convention on women’s studies. Page 1-12

20.Short Report: An Indigenous case of *Plasmodium ovale* infection in Sri Lanka (co-author). Am. J. Trop. Med. Hyg, 78(2), 2008. P 206-7

21.Absence of asymptomatic malaria infections in previously high endemic areas of Sri Lanka. *American Journal of Tropical Medicine and Hygiene*, 2009, 81 (5), 763-767.

22.Sleeping arrangements under long lasting impregnated mosquito nets: differences during low and high malaria transmission seasons. *Transactions of the Royal Society of Tropical Medicine and Hygiene*. 2009, 103, 1204-1210.

23.Community factors affecting long lasting impregnated mosquito net use for malaria control in Sri Lanka. *Transactions of the Royal Society of Tropical Medicine and Hygiene*, 2008, 102, 1081-1088. doi:10.1016/j.trstmh.2008.06.007

24. Single-nucleotide polymorphism, linkage disequilibrium and geographic structure in the malaria parasite *Plasmodium vivax*: prospects for genome-wide association studies *BMC Genetics* 2010, 11:65

25. National and International travel: A challenge to elimination of malaria from Sri Lanka. Sri Lanka Association for the Advancement of science, Annual scientific sessions, 2010.

26. Dheerasinghe, D.S.A.F., **Galappaththy, G.N.L.**, 2010. Quality of life among clinic attendees of the diabetic clinic, National Hospital of Sri Lanka, *Journal of the College of Community Physicians of Sri Lanka*, Vol. 15, No. 2, Pages 18-26

27. Trends in malaria research in 11 Asian Pacific countries: an analysis of peer-reviewed publications over two decades. Finn Andersen, Nick M Douglas, Dorina Bustos, Gawrie Galappaththy, Gao Qi, Michelle S Hsiang, Rita Kusriastuti, Kamini Mendis, George Taleo, Maxine Whittaker, Ric N Price, Lorenz von Seidlein . *Malaria Journal* 2011, 10:131

28. Malaria is an Important Differential Diagnosis in Visitors Returning from Sri Lankan National Safari Parks. Sumadhya D. Fernando, Sarath Paranavitane, and **Gawrie N. L. Galappaththy**, *Journal of Travel Medicine* 2011, 1195-1982

29. Clinicians who practice in countries reaching malaria elimination, what should they be aware of: lessons learnt from recent experience in Sri Lanka Premaratna R, **Galappaththy G**, Chandrasena N, Fernando R, Nawasiwatte T, de Silva N, de Silva J . *Malaria Journal* 2011, 10:302

1. 30. Malaria control in Bhutan: a case study of a country embarking on elimination. Yangzom T, Smith Gueye C, Namgay R, Galappaththy GN, Thimasarn K, Gosling R, Murugasampillay S, Dev V. *Malaria Journal* 2012, 11:9 (9 January 2012)

31. Abeyasinghe R.R. **Galappaththy G.N.L.**, Gueye C.S. Kahn J.G, Feachem R.G.A. Malaria control and elimination in Sri Lanka. Documenting progress and success factors in a conflict setting 2012. *PLoS One*, 7 (8): e43162.

32. Knowledge, attitudes and practices relevant to malaria elimination amongst resettled populations in a post-conflict district of northern Sri Lanka. Katherine Kirkby; **Gawrie N.L. Galappaththy**; Jennifer J. Kurinczuk; Senaka Rajapakse; S. Deepika Fernando. *Transactions of The Royal Society of Tropical Medicine and Hygiene* 2012; doi: 10.1093/trstmh/trs015

33. Progress towards Elimination: A case study of Sri Lanka. **Gawrie NL Galapaththy** , Gueye C.S., Abeyasinghe R.R. , Kahn J.G, Feachem R.G.A. *Malaria Journal*, 2012, 11

34.Imported Malaria: a possible threat to the elimination of malaria from Sri Lanka?

G.N.L.Galappaththy, S.D Fernando, R.R Abeyasinghe. Tropical Medicine and International Health. Doi:10.0000/tmi.12097

35.Malaria burden in irregular migrants returning to Sri Lanka from human smuggling operations in West Africa and implications for a country reaching malaria elimination.K. Wickramagea, **G. N.**

L. Galappaththy. Trans R Soc Trop Med Hyg 2013; 107: 337–340.

doi:10.1093/trstmh/trt009

36.Active case detection for malaria elimination: a survey among Asia Pacific countries.

Cara Smith Gueye, Kelly C Sanders, **Gawrie NL Galappaththy**, Christina Rundi, Tashi Tobgay, Siv ovannaroth, et al.Malaria Journal 2013, 12:358

<http://www.malariajournal.com/content/12/1/358>

37.The Importance of Accuracy in Diagnosis of Positive Malaria Cases in a Country Progressing Towards Malaria Elimination. Sumadhya Deepika Fernando, Chathuri J Navaratne, **Gawrie NL Galappaththy**, Rabindra R Abeyasinghe, Nilupa Silva, Renu Wickremasinghe. Journal of Global Infectious Diseases, Vol 5 Issue 4 Oct-Dec 2013.

38.On the road to eliminate malaria in Sri Lanka: lessons from history, challenges, gaps in knowledge and research needs. Karunaweera D Nadira, **Galappaththy NL Gawrie**, Wirth F Dyann, Malaria Journal.2014, 13:59.DOI: 10.1186/1475-2875-13-59

39.Polymorphism at the Merozoite Surface Protein–3α Locus of Plasmodium vivax in Sri Lanka. Yoshitha Wahalathanthri, **Gawrie Galappaththy**, Deepika Fernando, Rabindra Abeyasinghe, Neil Fernandupulle, Dammika Senevirathna.The Journal of Advances in Parasitology. 2014. 1 (3): 41 – 43

40.Use of a public-private partnership in malaria elimination efforts in Sri Lanka; a case study.Deepika Fernando, Pandu Wijeyaratne, Rajitha Wickremasinghe, Rabindra R. Abeyasinghe, **Gawrie N. L. Galappaththy**, Renu Wickremasinghe, M. Hapugoda, W. A. Abeywickrema and Chaturaka Rodrigo. BMC Health Services Research (2018) 18:202

41.A comparison of the larvivorous habits of exotic *Poecilia reticulata* and native *Aplocheilus parvus*. G. K. Achini W. Fernando, Sevvandi Jayakody, W. M. Hiranya K. Wijenayake, **Gawrie N. L. Galappaththy**, Mangala Yatawara and Jeevanie Harishchandra.BMC Ecology (2018) 18:25

42.A Historical Review of WHO Certification of Malaria Elimination Xiao Hong Li, Anatoly Kondrashin, Brian Greenwood, Kim Lindblade, **Gawrie Loku Galappaththy**, and Pedro Alonso. Trends in Parasitology, vol 35,issue 2,p163-171,2019

43.Country-owned, country-driven, perspectives from the World Health Organization on malaria elimination. Kim A Lindblade, Xiao Hong Li, **Gawrie Loku Galappaththy**, Adbisalan

Noor, Jan Kolaczinski and Pedro Alonso. Malaria control and elimination, Springer Protocols, 2019

44. Supporting countries to achieve their malaria elimination goals: the WHO E-2020 initiative Kim A. Lindblade , Li Xiao Hong, Amanda Tifany, Gawrie Galappaththy, Pedro Alonso and The WHO E-2020 Team. *Malaria Journal* (2021) 20:481. <https://doi.org/10.1186/s12936-021-03998-3>