**RESEARCH AND PUBLICATIONS**

**Prof. Menaka Hapugoda**

1. **RESEARCH PUBLICATIONS**
2. **Dissertations/thesis**
3. Dissertation titled “Identification of *Anopheles culicifacies* by screening immature stages of *Anopheles* using chaetotaxonomy and species specific radiolabelled (32P) and Biotin labelled DNA probes (Rp234) ” submitted as a partial fulfillment for theB.Sc Special degreein Zoology, Dept. of Zoology, Faculty of Applied Sciences, University of Sri Jayewardenepura, Sri Lanka (1998).
4. Dissertation titled “Molecular diagnosis and transmission of dengue virus in Sri Lanka” submitted as a fulfillment for thedegree of Ph.D. in Medical Parasitology**,** Dept. of Parasitology, Faculty of Medicine, University of Kelaniya, Sri Lanka (2004). This research project was sponsored by the International Atomic Energy Agency, Austria (TC project SRL 06/024).

**(ii) Patents and others**

1. Batra, G., **Hapugoda, M**., Chaudhry, S., Swaminathan, S., Khanna, N. Tetravalent dengue specific domain III based chimeric recombinant protein. Under the World Intellectual Property Organization (Patent number WO 2007/034507 A3).
2. Khanna, N., Swaminathan, S., Batra, G., **Hapugoda, M.** Tetravalent Dengue specific domain III based chimeric recombinant protein as dengue diagnostic intermediated of high specificity for detection of both dengue IgM. Priority date: 20 September 2005. Indian Application no: 2539/DEL/2005.
3. Gunawardene, Y.I.N.S., Ramyasoma, K, Dassanayake, R. and **Hapugoda, M.D** Engineering multiple miR-shRNA molecule to knockdown dengue virus replication in transgenic Aedes aegypti. Applied through the University of Kelaniya for Sri Lankan patent in 2018, under evaluation.
4. **Hapugoda, M.D**., Induwara, K. R. R., Ranathunge, T., Fernando, W.N. and Withanage, G.P. Locally isolated Bacillus cereus SL001 for controlling Aedes mosquito larvae in Sri Lanka. Applied through the University of Kelaniya for Sri Lankan patent in 2018 under evaluation.
5. DNA sequences of 190 new strains of organisms (Chikungunya virus, *Aedes aegypti* mosquitoes and Bacillus cereus bacteria) in the Gene bank, National Center for Biotechnology Information (NCBI), USA.
6. **Research publications in refereed journals (Peer-reviewed indexed journals (In Expanded Science Citation Index), at least two issues per year**)
7. **Hapugoda, M**., Batra, G., Abeyewickreme, W., Swaminathan, S. and Khanna, N. (2007). Single Antigen Detects both Immunoglobulin M (IgM) and IgG Antibodies Elicited by All Four Dengue Virus Serotypes. *Journal of Clinical and Vaccine Immunology* **14 (11):** 1505-1514. doi:  [10.1128/CVI.00145-07](https://dx.doi.org/10.1128%2FCVI.00145-07)
8. Hapuarachchi, H.A., Bandara, K.B.A.T., Sumanadasa, S.D.M., **Hapugoda, M.D**., Lai, Y.L., Lee, K.S., Tan, L.K., Lin, R.T.P, Ng, L.F.P., Bucht, G., Abeyewickreme, W. and Ng, L.C. (2009). Re-emergence of Chikungunya virus in South-East Asia: virological evidence from Sri Lanka and Singapore. *Journal of General Virology* **91:** 1067-1076. doi: 10.1099/vir.0.015743-0
9. **Hapugoda, M.D**., Silva, N.R., Khan, B., Dayanath, M.Y.D., Gunesena, S., Prithimala, L.D. and Abeyewickreme, W. (2010). A comparative retrospective study of novel Reverse-Transcription Polymerase Chain Reaction-based Liquid Hybridization (RT-PCR-LH) assay for early, definitive laboratory diagnosis of dengue infection. *Transaction of Royal Society of Tropical Medicine and Hygiene* **104 (4):** 279-282. DOI: <https://doi.org/10.1016/j.trstmh.2009.11.001>.
10. Gunathilaka, N., Fernando, T., **Hapugoda, M**., Wickremasinghe, R., Wijeyerathne, P. and Abeyewickreme, W. (2013). *Anopheles culicifacies* breeding in polluted water bodies in Trincomalee District of Sri Lanka. *Malaria Journal* **12:** 285.doi:  [10.1186/1475-2875-12-285](https://dx.doi.org/10.1186%2F1475-2875-12-285)
11. Gunathilaka, N., Fernando, T., **Hapugoda, M**., Wickremasinghe, R. and Abeyewickreme, W. (2014). Revised morphological identification key to the larval anopheline (Diptera: Culicidae) of Sri Lanka. *Asian Pacific Journal of Tropical Biomedicine* **4(1):** 222-227. DOI: [10.12980/APJTB.4.2014C941](https://dx.doi.org/10.12980%2FAPJTB.4.2014C941)
12. Perera, P.S, Silva, I., **Hapugoda**, M.D., Wickramarathne, M.N., Wijesiriwardena, I., Efremov, D.J., Fisher, C.A., Weatherall, D.J. and Premawardhena, A. (2015). [Rare Hemoglobin Variants: Hb G-Szuhu (HBB: c. 243C> G), Hb G-Coushatta (HBB: c. 68A> C) and Hb Mizuho (HBB: c. 206T> C) in Sri Lankan Families.](http://informahealthcare.com/doi/abs/10.3109/03630269.2014.992530) *Hemoglobin* **39 (1):** 62-65.<https://doi.org/10.3109/03630269.2014.992530>
13. Gunathilaka, N., **Hapugoda, M**., Abeyewickreme, W. and Wickremasinghe, R. (2015). Species Composition and Diversity of Malaria Vector Breeding Habitats in Trincomalee District of Sri Lanka. *Biomed Research International*. http://dx.doi.org/10.1155/2015/823810
14. Denipitiya, D.T.H., Chandrasekharan, N.V., Abeyewickreme, W., Hartskeerl C.M., Hartskeerl, R.A., Jiffrey, A.M. and **Hapugoda, M.D**. (2016). Application of a real time Polymerase Chain Reaction (PCR) assay for the early diagnosis of human leptospirosis in Sri Lanka. *Biologicals* **44 (6):** 497-502. doi: 10.1016/j.biologicals.2016.09.004
15. [Gunathilaka, P.A.D.H.N](https://www.researchgate.net/profile/Hasantha_Nayana_Gunathilaka), Denipitiya, T., [**Hapugoda M.D**](https://www.researchgate.net/profile/Menaka_Hapugoda)**.,** Abeyewickreme, W. and [Wickremasinghe, A.R](https://www.researchgate.net/profile/Rajitha_Wickremasinghe). (2016). Determination of the foraging behaviour and blood meal source of malaria vector mosquitoes in Trincomalee District of Sri Lanka using a multiplex real time polymerase chain reaction assay. *Malaria Journal* **15:** 242-252. doi:  [10.1186/s12936-016-1279-5](https://dx.doi.org/10.1186%2Fs12936-016-1279-5)
16. Gunathilaka, P.A.D.H.N, **Hapugoda M.D**., Wickremasinghe, A.R. and Abeyewickreme, W. (2016). Determination of demographic, epidemiological, and socio-economic determinants and their potential impact on malaria transmission in Mannar and Trincomalee Districts of Sri Lanka. *Malaria Journal* **15:** 330. doi: 10.1186/s12936-016-1390-7.
17. Withanage, G.P., Viswakula, S.D., Gunawardena, N.S. and **Hapugoda, M.D.** (2018). A forecasting model for dengue incidences in the District of Gampaha, Sri Lanka. *Journal of Parasites and Vectors* **11(1):** 262. doi: 10.1186/s13071-018-2828-2.
18. Fernando, D., Wijeyaratne, P., Wickremasinghe, R., Abeyasinghe, R.R., Galappaththy, G.N. L., Wickremasinghe, R., **Hapugoda, M**., Abeywickrema, W. and Rodrigo, C. (2018). Use of a public-private partnership in malaria elimination efforts in Sri Lanka. *BMC Health Services Research* **18:** 202-212. <https://doi.org/10.1186/s12913-018-3008-y>.
19. Ranathunge, R.M.T.B., Iqbal, M.C.M., Abeyewickreme, W. and **Hapugoda, M.D.** (2018). Use of Cyclopoid copepods to control *Anopheles* (Diptera: Culicidae) mosquito larvae to prevent re-emergence of malaria in Sri Lanka. *Journal of Vector Borne Diseases* (Accepted on 29.06.2018 in press).
20. Ranathunge, R.M.T.B., Kannangara, N., Abeyewickreme, W. and **Hapugoda, M.D.** (2018). Occurrence of major and potential malaria vector immature stages in different breeding habitats and associated biotic and abiotic characters in the Trincomalee District of Sri Lanka. *Journal of vector-borne diseases* (Accepted on 13.12.2018 in press).
21. Udayanga, N.W.B.A.L, Ranathunge, R.M.T.B, Iqbal M.C.M., Abeyewickreme, W. **and Hapugoda, M**., (2018). Predatory Efficacy of Mesocyclop and Cyclops Copepods on *Aedes aegypti* and *Aedes albopictus* larvae under laboratory settings. PLOS ONE 14(5): e0216140. <https://doi.org/10.1371/journal.pone.0216140>
22. Samanmali, C., Udayanga, L., Ranathunge, T., Perera, S.J., **Hapugoda, M.** and Weliwitiya, C. (2018). Larvicidal Potential of Five Selected Dragonfly Nymphs in Sri Lanka over *Aedes aegypti* (Linnaeus) Larvae under Laboratory Settings. *BioMed Research International*, Article ID 8759459. <https://doi.org/10.1155/2018/8759459>
23. Fernando, S., Hapugoda, M., Perera, R., Rodriguez, K.S., Black, W. IV and de Silva, N. (2018). Phylogeographic Relationships of Global Collections of *Aedes aegypti* (Diptera: Culicidae) based upon the Mitochondrial Genes. First report of V1016G and S989P knockdown resistant (kdr) mutations in pyrethroid-resistant Sri Lankan *Aedes*

*aegypti* mosquitoes. *Parasites & Vectors* **11:** 526. <https://doi.org/10.1186/s13071-018-3113.>

1. Perera, P.S., Allen, A., Silva, I., Hapugoda, M.D., Wickramarathne, M.N., Wijesiriwardena, I., Allen S., Rees, **D.,** Efremov, D.J., Fisher, C.A., Weatherall, D.J. and Premawardhena, A. (2019).Genotype-phenotype association analysis identifies the role of α globin genes in modulating disease severity of β thalassaemia intermedia in Sri Lanka. *Nature Scientific Reports* **9:**10116*.* https://doi.org/10.1038/s41598-019-46674-y.
2. **Pear-reviewed articles in non SCI journals /indexed in other sites-More than 2 issues per year**
3. Gunesekera, M.B., **Hapugoda, M.D**., Gunasena, S., Subasinghe, S.A.S.C, Bandara, K.B.A.T., De Silva, N.R. and Abeyewickreme, W. (2003). A novel Reverse Transcriptase-Polymerase Chain Reaction-Liquid Hybridisation (RT- PCR- LH) assay for early diagnosis of dengue infection. *Ceylon Medical Journal* **48(1):** 17-22. <http://dl.nsf.ac.lk/handle/1/21448>
4. Hapuarachchi, H.A., Bandara, K.B., **Hapugoda, M.D**., Williams, S. and Abeyewickreme, W. (2008). Laboratory confirmation of dengue and chikungunya co-infection. *Ceylon Medical Journal* **53(3):** 104-105. doi: 10.4038/cmj.v53i3.252
5. Gunathilaka, N., Hapugoda, M., Wickremasinghe, R. and Abeyewickreme, W. (2015). Appearance of Anopheles jeyporiensis James from Sri Lanka; a new species to the mosquito checklist. *Journal of Medical Entomology and Zoology* **66(3):** 1-5. <https://doi.org/10.7601/mez.66.121>.
6. Bandara, K.K, Gunasekara, C.P, Weerasekera, M.M., Ranasinghe, N. **Hapugoda, M.**, Marasinghe, C. and Fernando, N. (2016). Comparison of three rapid diagnositic assays for diagnosis of leptospirosis in a resource poor setting. *World Journal of Pharmaceutical Research* **5(7):** 1771-1780. DOI: 10.20959/wjpr20167-663.
7. Denipitiya, D.T.H, Chandrasekharan, N.V., Abeyewickreme, W., Hartskeerl, R.A. and **Hapugoda M.D**. (2016). Spatial and seasonal analysis of human leptospirosis in the District of Gampaha, Sri Lanka. *Sri Lankan Journal of Infectious Diseases* (SLJID) **6(2):**83-93. DOI: <http://doi.org/10.4038/sljid.v6i2.8109>.
8. **Reviewed abstracts at National/ International conferences/symposia-published as a full papers**
9. Harishchandra, J., **Hapugoda, M. D**., Premaratne, R.G., Gilles, J.R.L. and Abeyewickreme, W. (2017). Sterile Insect Technique (SIT) for control of Aedes albopictus (Skuse); mating competitiveness of sterile males in large semi field cages. *Journal of Current Research Activities on Dengue* **2:** 20-23.
10. Ramyasoma, H.P.B.K.D., Dassanayake, R.S., Gunawardene, Y.I.N.S., **Hapugoda, M**. and Abeyewickreme, W. (2017). Engineering a transgenic mosquito expressing blood meal induced siRNA to block dengue virus transmission in *Aedes aegypti* (Linnaeus). *Journal of**Current Research Activities on Dengue* **2:** 24-28.
11. Withanage, G. P. W. K., Abeyewickreme, W., Silva Gunawardene, Y. I. N. and **Hapugoda, M.** (2017). Identification of the efficiency of Novaluron as active ingredient in autocidal gravid ovitraps to control *Aedes aegypti* dengue vector mosquitoes*. Journal of**Current Research Activities on Dengue* **2:** 28-32.
12. **Reviewed abstracts presented at International conference/symposium held overseas-Oral presentations**
13. **Hapugoda, M.D.,** Rajamanthri, De Silva, N.R. and Abeyewickreme (2003).Breeding of *Aedes aegypti* and *Aedes albopictus* in some dengue endemic areas in Sri Lanka. *Proceedings of the First International Seminar of Medical Entomology, Bhopal, India* **1:** 31.
14. Abeyewickreme, W., **Hapugoda, M.D.** andDe Silva, N.R., (2004). Role of *Aedes albopictus* in transmitting dengue in Sri Lanka. *Proceedings of the Asian congress of Parasitology and Tropical Medicine and 40th annual scientific seminar of MSPTM, Malaysia* **1:** 63.
15. **Hapugoda, M.D.,** De Silva, N.R., Khan, B., Gunesena, S., Dayanath, M.Y.D. and Abeyewickreme, W. (2007). A comparative retrospective study of novel Reverse-Transcription Polymerase Chain Reaction-based Liquid Hybridization (RT-PCR-LH) assay with PCR amplification, virus isolation and serological techniques for early, definitive laboratory diagnosis of dengue infection. *Proceedings of 43rd annual scientific seminar of Malaysian Society of Parasitology and Tropical Medicine and centaury celebration of Royal Society of Tropical Medicine and Hygiene, Malaysia* 33.
16. Hapangama, H.A.D.C., Gunewardene, Y.I.N., Gunesena, S., **Hapugoda, M.D.,** Premarathne, R., Wellawaththge, L. C. and Abeyewickreme, W. (2007). Silent transmission of dengue fever in Gampaha District, Sri Lanka. *Proceedings of 43rd Annual Scientific Seminar of Malaysian Society of Parasitology and Tropical Medicine and Centaury Celebration of Royal Society of Tropical Medicine and Hygiene, Malaysia* 32.
17. **Hapugoda, M.D.,** Khan, B., de Silva, N.R., Gunesekera, J. and Abeyewickreme, W. (2007). Correlation between clinical and laboratory diagnosis of dengue in Sri Lanka. *Proceedings of the Joint International Tropical Medicine Meeting (JITMM), Thailand* 128.
18. Sumanadasa, S.D.M., **Hapugoda, M**., Bandara, S., Mansoor, M.A., Peris, I. and Abeyewickreme, W. (2007). Dengue vector surveillance in a dengue hot-spot in Sri Lanka. *Proceedings of the Joint International Tropical Medicine Meeting (JITMM), Thailand* 129.
19. Hapangama, H.A.D.C., Gunewardene, Y.I.N., **Hapugoda, M.D.,** Dayanath, M.Y.D. and Abeyewickreme, W. (2007). Transmission study of dengue fever in Gampaha District, Sri Lanka. *Proceedings of the Joint International Tropical Medicine Meeting (JITMM),* *Thailand* 150.
20. **Hapugoda, M.D**., Gunewardena, N.K., Kusumawathie, P.H.D., Jayasooriya, G.A.J.S.K., Hapuarachchi1, H.C. and Abeyewickreme, W. (2008). Geographical Information System (GIS)-based maps for monitoring of entomological risk factors affecting transmission of chikungunya in Sri Lanka. *Proceedings of the Joint International Tropical Medicine Meeting (JITMM), Thailand* 102.
21. Jayasooriya, D.H.S.W., Silva Gunawardene, Y.I.N., Manamperi, A., **Hapugoda, M**., Abeyewickreme, W. and Premaratne, R. (2008). Serotype distribution of dengue in Gampaha District Sri Lanka. *Proceedings of the Joint International Tropical Medicine Meeting (JITMM), Thailand* 101.
22. Abeyewickreme, W., Hapuarachchi, H.A.C., Bandara, K.B.A.T., **Hapugoda, M.D.** and Williams, S. (2008). A case report of dengue and chikungunya co-infection in Sri Lanka. *Proceedings of 3rd ASEAN congress of Tropical Medicine and Parasitology, Thailand* 25.
23. Hapangama, H.A.D.C., Silva Gunawardene, Y.I.N., **Hapugoda, M.D.**, Premaratne, R., Manamperi, A., Gunasena, S. and Abeyewickreme, W. (2009). Dengue as a public health problem in Sri Lanka. *Proceedings of the World’s Life Sciences Forum* *BIOVISION.NXT – CLASS OF 2009, Lyon, France* 37.
24. Athapaththu, A. M. M. H., Khanna, N., Abeyewickreme, W., Gunasena, S. and **Hapugoda, M.**(2010). Enzyme-Linked Immunosorbent Assay (ELISA) using recombinant protein antigens for detection of anti-chikungunya antibodies. *Proceedings of the Joint International Tropical Medicine Meeting (JITMM)*, *Thailand* 103.
25. Athapaththu, M., Khanna, N., Inouve, S., Gunasena, S., Abeyewickreme, W. and **Hapugoda, M.** (2015). Analysis of recombinant Chickungunya (CHIK) E1 and E2 antigens expressed in *Escherichia coli* and *Pichia pastoris* for the detection of anti-CHIK IgG antibodies in human serum samples *Proceedings of the Joint International Tropical Medicine Meeting (JITMM)*, Thailand 35.
26. Marasinghe, M.G.C.P., Bandara, A.W.M.K.K., Weerasekera, M.M., Gunesekera, T.D.C.P., Ranasinghe, N., **Hapugoda, M.** and Fernando, S.S.N. (2017). Predictors of disease severity of leptospirosis on admission-A Sri Lankan study. *Proceedings of the 10th Leptospirosis Society Conference, New Zealand*  12.
27. Ramyasoma, H.P.B.K.D., Dassanayake, R.S., Gunawardene, Y.I.N.S., Abeyewickreme, W., **Hapugoda, M.** and Chandrasekeran, N.V. (2017). CRISPER Cas9-mediated Targeting of Dengue Viral RNA to Block Transmission in *Aedes aegypti* Mosquitoes - In-silico Approach. *Proceedings of the Third FAO/IAEA International Conference on Area-wide Management of Insect Pests, Austria* 213.
28. Harishchandra, J., Abeyewickreme, W., Gilles, J., Premarathne, R. and **Hapugoda, M.D.** (2017). Mating Competitiveness of *Aedes albopictus* (Skuse) Males Exposed to Gamma-rays in Laboratory Cages; Towards Integrated Control through the Sterile Insect Technique (SIT)*. Proceedings of the Third FAO/IAEA International Conference on Area-wide Management of Insect Pests, Austria* 221.
29. Denipitiya, D.T.H., **Hapugoda, M.D**., Chandrasekharan, N.V., Abeyewickreme, W. Hartskeerl,R.A. and Wellawaththge, C. (2017). Detection of pathogenic *Leptospira* species in urine samples of bovines by Real-time Polymerase Chain Reaction (PCR). *Proceedings of the 26th International Conference of the World Association for the Advancement of Veterinary Parasitology (WAAVP) in Malaysia* 361*.*
30. **Reviewed abstracts presented at International conference/symposium held overseas-Poster presentations**
31. Abeyewickreme, W., Hapangama, H.A.D.C., Weerasinghe, I., **Hapugoda, M.D**., Silva Gunawardene, Y.I.N., Gunawardena, N.K. and Wickramasinghe, A.R. (2008). An Entomological Study to Plan Intervention for Prevention of Dengue in Gampaha District, Sri Lanka. Proceedings of the 13th International Society of Infectious Diseases, Malysia 24.
32. Sumanadasa, S.D.M., **Hapugoda, M**., Peiris, I., Perera, D., Bandara, S., Mansoor, M.A.C.M. and Abeyewickreme, W. (2008). Surveillance for Dengue Vector Mosquito in Kurunegala District, Sri Lanka. *Proceedings of the 13th International Society of Infectious Diseases, Malaysia* 196-197.
33. **Hapugoda, M**., Athapaththu, M., Khanna, N., Abeyewickreme, W., Denipitiya, T., Karunanayake,L. and Jifrey, M.A. (2015). Performance of Lipl32 recombinant protein antigen as a diagnostic intermediate for leptospirosis. *Proceedings of the Joint International Tropical Medicine Meeting* *(JITMM)* 79.
34. Manamperi, N. H., Athapaththu, A.M.M.H., Premawansa, G. C., Wellawaththage, C., Jayarathna, T. D. S. S., Abeyewickreme,W. and **Hapugoda, M. D.** (2010). Shifting of circulating serotypes in dengue outbreaks in 2010 in Sri Lanka (2010).*Proceedings of the Joint International Tropical Medicine Meeting* *(JITMM), Thailand* 239.
35. Denipitiya, D.T.H., Jiffriy, A.M., Chandrasekharan, N.V., Abeyewickreme, W. Hartskeerl,R.A., Karunanayake, L. and **Hapugoda, M.D.** (2017). Circulating pathogenic *Leptospira* in reservoir animals and humans in the District of Gampaha, Sri Lanka. *Proceedings of the 26th International Conference of the World Association for the Advancement of Veterinary Parasitology (WAAVP) in Malaysia.*
36. **Reviewed abstracts presented at international/national conference/symposium held in Sri Lanka-Oral presentations**
37. Athapaththu, A.M.M.H., Khanna, N., Inouve, S., Gunasena, S., Abeyewickreme W. and **Hapugoda, M.** (2013). Development of recombinant protein antigens using a yeast expression system, for the detection of anti-Chikungunya (CHIK) antibodies in clinical samples. *Proceeding of the Annual scientific sessions Sri Lanka Association for the Advanced of Science (SLAAS)* **68:**12.
38. Athapaththu, A. M. M. H., Khanna, N., Inouve, S., Tun, M.M.N., Gunasena, S., Abeyewickreme, W. and **Hapugoda, M**. (2013). Development of recombinant protein antigens using a bacterial expression system for the detection of anti-Chikungunya (CHIK) antibodies. *Proceedings of the 22nd Annual Conference and Scientific Sessions of Sri Lanka College of Microbiologists* **11 (1):** 14.*(This abstract has been awarded the best presentation award-second place, College of Microbiologist, 201.*
39. Athapaththu, A.M.M.H., Khanna, N., Inouve, S., Gunasena, S., Abeyewickreme W. and **Hapugoda, M.** (2013). Comparison of recombinant Chikungunya (CHIK) E2 antigens expressed in bacterial and eukaryotic systems for the detection of anti-CHIK antibodies in human serums samples. *Proceedings of the 14th of Annual Research Symposium, Faculty of Graduate Studies, University of Kelaniya, Sri Lanka* 68-69*.*
40. Denipitiya, D.T.H.,Chandrasekharan, N.V., Abeyewickreme, W. and **Hapugoda, M.D.** (2013). Detection of pathogenic *Leptospira* in rat blood samples by molecular-based assays. *Proceedings of the 14th of Annual Research Symposium, University of Kelaniya* 72-73.
41. Ranathunga, R.M.T.B., Kannangara, D.N., Gunathilaka, P.A.D.H.N., Abeyewickreme, W*.* and**Hapugoda, M.D.** (2014). Diversity of *Anopheles* mosquitoes in Trincomalee District of Sri Lanka. *Proceedings of the* *Annual session of Sri Lanka Association of Advancement Sciences (SLAAS)* 9.
42. Denipitiya, D.T.H., Chandrasekharan, N.V., Abeyewickreme, W. and **Hapugoda M.D.** (2014). Identification of cattle/buffalo and rats as reservoir animals of pathogenic Leptospires in the District of Gampaha, Sri Lanka. *Proceedings of the Annual Scientific Sessions of Sri Lanka Association for the Advanced of Science (SLAAS)* 06.
43. Denipitiya, D.T.H., Chandrasekharan, N.V., Abeyewickreme, W. and **Hapugoda M.D.** (2014). Spatial and seasonal analysis of human leptospirosis in the District of Gampaha, Sri Lanka. *Proceedings of the 15th of Annual Research Symposium, Faculty of Graduate Studies, University of Kelaniya* 149.
44. Ranathunga, R.M.T.B., Gunathilaka, P.A.D.H.N., Kannangara, D.N., Abeyewickreme, W*.*, Wijeyaratne, P.and**Hapugoda, M.D**. (2014). Breeding of malaria vector mosquitoes in built wells in the District of Mannar, Sri Lanka. *Proceedings of the Peradeniya Univ. International Research Sessions, Sri Lanka* **18:** 270.
45. Fernandoo, H.S.D., **Hapugoda, M.D.** and De Silva, B.G.D.N.K. (2015). A preliminary study to analyze Aedes aegypti diversity in Sri Lanka using mitochondrial DNA varients. *Proceedings of the International Conference on Multidiciplinary approchaces*, *Faculty of Gradute Studies, University of Sri Jayewardenepura* 231.
46. **Hapugoda, M.,** Abeyewickreme, W., Gunasena, S, Silva, N.R., Meegoda, D. and Manamperi, N. (2015). Molecular diagnosis and transmition of dengue in Sri Lanka. *Proceedings of the Current Research Activities on dengue conducted by the Faculty of Medicine, University of Kelaniya* **1:**7-8.
47. [Kusumawathie](https://www.researchgate.net/researcher/38274731_PHD_Kusumawathie), P.H.D., [Jayasooriya](https://www.researchgate.net/researcher/29588958_GAJSK_Jayasooriya), G.A.J.S.K., [Gunathilaka](https://www.researchgate.net/researcher/2071322859_PADHN_Gunathilaka), P.A.D.H.N., **Hapugoda, M**. and  [Abeyewickreme](https://www.researchgate.net/researcher/38785796_W_Abeyewickreme), W. (2015). [Laboratory studies on larvivorous potential of five fish species against *Aedes aegypti* (Linnaeus) and *Ae. albopictus* (Skuse)](https://www.researchgate.net/publication/284168389_Laboratory_studies_on_larvivorous_potential_of_five_fish_species_against_Aedes_aegypti_Linnaeus_and_Ae_albopictus_Skuse).*Proceedings of the Current Research Activities on Dengue, Faculty of Medicine, University of Kelaniya, Sri Lanka* **1:**11-12*.*
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61. **Chapters in Books**

Author of the following chapters in the text book for the Course Unit: Diagnostic Parasitology & Entomology II (MLU 3147) published by the Open University of Sri Lanka for the B.Sc. programme inMedical Laboratory Science (MLS).

1. Course Unit 1-Session 3 titled “Parasitic Zoonoses”
2. Course Unit 2-Session 5 titled “Quality Assurance in Parasitological techniques”
3. Course Unit 3-Session 7 titled “Molecular biology of Parasites and Vector”
4. Course Unit 3- Session 8 titled “Preservation and Transport of Entomological Specimens”