

CURRICULUM VITAE

Name Dr. Mohammed Abdu Khalid Mahdy

Designation Associate Professor

Department Microbiology

Tel. no. 00967711177711

E-mail address alsharaby9@yahoo.com



Address (office) Research Department, University of Science and Technology, Sana'a, Yemen

EDUCATION

(Qualification), (Institution).

Doctor of Philosophy in Molecular Parasitology (2008), University of Malaya (UM), Malaysia

Master of Medical Science in Parasitology (2004), National University of Malaysia (UKM), Malaysia

Bachelor degree in Medical Laboratory (1996), Sana'a University, Yemen

CAREER HISTORY

(Post), (Organisation), (Period).

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1. Associate Professor, University of Malaya, Malaysia, 12/6/2012 until 11/6/2013
 2. Senior lecturer, University of Malaya, Malaysia, 05/10/2009 until 11/06/2012
 3. Postdoctoral Researcher, University of Malaya, Malaysia, 03/10/2008 until 02/10/2009
 4. Lecturer, PTPL college, Malaysia, 2005
 5. Tutor, Sana'a University, Yemen, 17/7/2000-30/7/2001
 6. Medical Laboratory Technologist, Ministry of Health Yemen, 00/7/1997 until 16/7/2000

ADMINISTRATION DUTIES

(Role), (Level), (Start date), (End Date).

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1. Head of Research Department, University of Science and Technology, Yemen, 2/2013 - Present
 2. Chairman of Research and Publications Committee, University of Science and Technology, Yemen, 2/2014 - Present
 3. Member of postgraduate studies and research committee, University of

- Science and Technology, Yemen, 2/2013 - Present
4. Member of Research Committee, University of Science and Technology hospital, 2013 – Present
 5. Member of Academic Promotion Committee, University of Science and Technology hospital, 3/2016 – Present

PROFESSIONAL AFILIATION

(Organisation), (Role), (Year), (Level).

Yemeni Journal for Medical Sciences, Editor In Chief,2014, (National)

AREAS OF EXPERTISE

Molecular Epidemiology of Parasitic infection and infectious diseases (Epidemiology, Genotyping, Phylogenetics)

SKILLS

Type of skill (Level Experience)

1. Data base searching and multiple sequence alignment (Senior: More than 6 years)
2. Phylogenetic analysis based on Maximum Parsimony and Neighbor-Joining Method using Mega4 (Senior: More than 6 years)
3. Phylogenetic analysis using MrBayes Method (Senior: More than 6 years)
4. Phylogenetic analysis using PAUP software (Entry: 3 months)
5. Statistical analysis using SPSS (Univariate, Multivariate, Parametric and non-parametric tests) (Senior: More than 14 years)
6. Computer skills (Word, excel, PowerPoint) (Senior: More than 14 years)

SPECIAL TRAINING

Course (date) (country)

1. Molecular Evolution (23-JAN-11 to 05-FEB-11) (Europe)
2. Problem based learning (08-OCT-09 to 13-OCT-09) (Malaysia)
3. Academic Development (6/2/2016 -16/2/2016)(Yemen)

PUBLICATIONS

(Publication).

Chapter in Book

2013

Lim, Y. A. L., Mahdy, M. A. K., & Surin, J. (2013). Unravelling Cryptosporidium and Giardia in Southeast Asia. In *Parasites and their vectors* (pp. 77–102). Springer Vienna.

Academic Journals

2016

1. **Mahdy MAK**, Al-Mekhlafi AM, Abdul-Ghani R, Saif-Ali R, Al-Mekhlafi HM2, Al-Eryani SM, Lim YA, Mahmud R. (2016). First Molecular Characterization of Leishmania Species Causing Visceral Leishmaniasis among Children in Yemen. *PLoS One* 11;11(3):e0151265.. (ISI-Cited Publication)
2. Alareqi, L.M.Q., **Mahdy, M.A.K.**, Lau, Y.-L., Fong, M.-Y., Abdul-Ghani, R., Ali, A.A., Cheong, F.-W., Tawfek, R., Mahmud, R., 2016. Field evaluation of a PfHRP-2/pLDH rapid diagnostic test and light microscopy for diagnosis and screening of falciparum malaria during the peak seasonal transmission in an endemic area in Yemen. *Malaria journal* 15, 1-9.
3. Samira M. Al-Eryani, Abdulsalam M Al-Mekhlafi, Latifa A Al-Shibani, **Mohammed A. K. Mahdy**, Ahmed A Azazy (2015). Toxoplasma gondii among pregnant women in Yemen: Factors associated with the high seroprevalence. *The Journal of Infection in Developing Countries* (Accepted). (ISI/SCOPUS Cited Publication)

2015

4. Bamaga, O. A. A., **Mahdy, M. A. K.** & Lim, Y. A. L. (2015). Frequencies distribution of dihydrofolate reductase and dihydropteroate synthetase mutant alleles associated with Sulphadoxine-Pyrimethamine resistance in *Plasmodium falciparum* population from Hadhramout Province, Yemen. *Malaria Journal* 12/2015; 14(1). DOI:10.1186/s12936-015-1035-2 (ISI/SCOPUS Cited Publication)
5. Abdul-Ghani R, Basco LK, Beier JC, **Mahdy MA.** (2015). Inclusion of gametocyte in anti-malarial drug efficacy studies: filling a neglected gap needed for malaria elimination. *Malaria Journal*, 14 (1):413 (ISI/SCOPUS Cited Publication)
6. Choy SH, **Mahdy MAK**, Al-Mekhlafi HM, Low VL, Surin J. (2015) Population expansion and gene flow in *Giardia duodenalis* as revealed by triosephosphate isomerase gene. *Parasit Vectors* 8:454. (ISI/SCOPUS Cited Publication)
7. Bamaga, O. A. A., **Mahdy, M. A. K.** & Lim, Y. A. L. (2015). Survey of Chloroquine-resistant mutations in the *Plasmodium falciparum* *pfcr*t and *pfmdr-1* genes in Hadhramout, Yemen. *Acta Tropica* 149:59-63. (ISI/SCOPUS Cited Publication)

2014

8. Al-Hamidhi, S., **Mahdy, M. A. K.**, Idris, M. A., Bin Dajem, S. M., Al-Sheikh, A. A. H., Al-Qahtani, A., Babiker, H. A. (2014). The prospect of malaria elimination in the Arabian Peninsula: a population genetic approach. *Infection, Genetics and Evolution : Journal of Molecular Epidemiology and Evolutionary Genetics in Infectious Diseases*, 27. doi:10.1016/j.meegid.2014.06.015 (ISI/SCOPUS Cited Publication)
9. Bamaga, O. A. A., **Mahdy, M. A. K.**, Mahmud, R., & Lim, Y. A. L. (2014). Malaria in Hadhramout, a southeast province of Yemen: prevalence, risk factors, knowledge, attitude and practices (KAPs). *Parasites & Vectors*, 7. doi:10.1186/1756-3305-7-351 (ISI/SCOPUS Cited Publication)

10. Choy, S. H., Al-Mekhlafi, H. M., **Mahdy, M. A. K.**, Nasr, N. N., Sulaiman, M., Lim, Y. A. L., & Surin, J. (2014). Prevalence and associated risk factors of Giardia infection among indigenous communities in rural Malaysia. *Scientific Reports*, 4. doi:10.1038/srep06909(*ISI/SCOPUS Cited Publication*)
11. Al-Mekhlafi, H. M., Anuar, T. S., Al-Zabedi, E. M., Al-Maktari, M. T., **Mahdy, M. A. K.**, Ahmed, A., Surin, J. (2014). Does vitamin A supplementation protect schoolchildren from acquiring soil-transmitted helminthiasis? A randomized controlled trial. *Parasites & Vectors*, 7. doi:10.1186/1756-3305-7-367(*ISI/SCOPUS Cited Publication*)

2013

12. Al-Hamidhi, S., **Mahdy, M.A.**, Al-Hashami, Z., Al-Farsi, H., Al-Mekhlafi, A.M., Idris, M.A., Beja-Pereira, A., Babiker, H.A., 2013. Genetic diversity of Plasmodium falciparum and distribution of drug resistance haplotypes in Yemen. *Malar J* 12, 244.(*ISI-Cited Publication*)
13. Al-abd, N.M., **Mahdy, M.A.**, Al-Mekhlafi, A.M., Snounou, G., Abdul-Majid, N.B., Al-Mekhlafi, H.M., Fong, M.Y., 2013. The suitability of P. falciparum merozoite surface proteins 1 and 2 as genetic markers for in vivo drug trials in Yemen. *PLoS One* 8, e67853. (*ISI-Cited Publication*)
14. Al-Mekhlafi, H.M., Al-Maktari, M.T., Jani, R., Ahmed, A., Anuar, T.S., Moktar, N., **Mahdy, M.A.**, Lim, Y.A., Mahmud, R., Surin, J., 2013. Burden of Giardia duodenalis infection and its adverse effects on growth of schoolchildren in rural Malaysia. *PLoS Negl Trop Dis* 7, e2516.(*ISI-Cited Publication*)
15. Alyousefi, N.A., **Mahdy, M.A.**, Lim, Y.A., Xiao, L., Mahmud, R., 2013a. First molecular characterization of Cryptosporidium in Yemen. *Parasitology* 140, 729-734.(*ISI-Cited Publication*)
16. Alyousefi, N.A., **Mahdy, M.A.**, Xiao, L., Mahmud, R., Lim, Y.A., 2013b. Molecular characterization of Giardia duodenalis in Yemen. *Exp Parasitol* 134, 141-147.(*ISI-Cited Publication*)
17. Huey, C.S., **Mahdy, M.A.**, Al-Mekhlafi, H.M., Nasr, N.A., Lim, Y.A., Mahmud, R., Surin, J., 2013. Multilocus genotyping of Giardia duodenalis in Malaysia. *Infect Genet Evol* 17, 269-276.(*ISI-Cited Publication*)
18. Lim, Y.A., **Mahdy, M.A.**, Tan, T.K., Goh, X.T., Jex, A.R., Nolan, M.J., Sharma, R.S., Gasser, R.B., 2013. First molecular characterization of Giardia duodenalis from goats in Malaysia. *Mol Cell Probes* 27, 28-31.(*ISI-Cited Publication*)
19. Sady, H., Al-Mekhlafi, H.M., **Mahdy, M.A.**, Lim, Y.A., Mahmud, R., Surin, J., 2013. Prevalence and associated factors of Schistosomiasis among children in Yemen: implications for an effective control programme. *PLoS Negl Trop Dis* 7, e2377. (*ISI-Cited Publication*)
20. Ngui, R., **Mahdy, M.A.**, Chua, K.H., Traub, R., Lim, Y.A., 2013. Genetic characterization of the partial mitochondrial cytochrome oxidase c subunit I (cox 1) gene of the zoonotic parasitic nematode, Ancylostoma ceylanicum from humans, dogs and cats. *Acta Trop* 128, 154-157. (*ISI-Cited Publication*)

2012

21. Wahib M. Atroosh, Hesham M. Al-Mekhlafi, **Mohammed A.K. Mahdy** and Johari Surin. The detection of pfprt and pfmdr1 point mutations as molecular markers of chloroquine drug resistance, Pahang, Malaysia. *Malaria Journal*. 2012, 11:252. (ISI-Cited Publication)
22. **Mohammed A.K. Mahdy**, Yvonne A.L. Lim, Romano Ngui, M.R. Siti Fatimah, Seow H. Choy, Nan J. Yap, Hesham M. Al-Mekhlafi, Jamaiah Ibrahim and Johari Surin. (2012). Prevalence and zoonotic potential of canine hookworm in Malaysia. *Parasites & Vectors*, **5**, 88. (ISI-Cited Publication)

2011

23. Atroosh WM, Al-Mekhlafi HM, **Mahdy MA**, Saif-Ali R, Al-Mekhlafi AM, Surin J. Genetic diversity of Plasmodium falciparum isolates from Pahang, Malaysia based on MSP-1 and MSP-2 genes. *Parasites & Vectors* 2011, 4:233. (ISI-Cited Publication)
24. **Mahdy, M.**, Al-abd, N., Al-Mekhlafi, A., Abdul-Majed, N., Al-Mekhlafi, H., Fong, M. 2011. Genetic diversity of Plasmodium falciparum isolated from Yemen based on the genes of merozoite surface proteins (MSP) 1 and 2. *Tropical Medicine & International Health*. 16:120-121. (ISI-Cited Publication) (ISI-Cited Publication)
25. Atroosh, W., Al-Mekhlafi, H., **Mahdy, M.**, Surin J. 2011. Detection of chloroquine resistance molecular markers (Pfprt and Pfmdr1) in Pahang, Malaysia. *Tropical Medicine & International Health*. 16:125-126. (ISI-Cited Publication) (ISI-Cited Publication)
26. Alyousefi, N.A., **Mahdy, M.A.**, Mahmud, R., Lim, Y.A., 2011. Factors Associated with High Prevalence of Intestinal Protozoan Infections among Patients in Sana'a City, Yemen. *PLoS ONE* 6, e22044. (ISI-Cited Publication)
27. Al-Mekhlafi AM, **Mahdy MA**, Al-Mekhlafi HM, Azazy AA, Fong MY: High frequency of Plasmodium falciparum chloroquine resistance marker (pfprt T76 mutation) in Yemen: An urgent need to re-examine malaria drug policy. *Parasit Vectors* 2011, 4:94.
28. Al-Mekhlafi, A. M., Al-Mekhlafi, H., **Mahdy, M. A. K.** Azazy, A. A. and Fong, M. Y. (2011). Human malaria in the highlands of Yemen. *Ann Trop Med Parasitol*, **105**, 187–195. (ISI/SCOPUS Cited Publication)
29. A. Sejdini, R. Mahmud, Y. A. L. Lim, **M. Mahdy**, F. Sejdini, V. Gjoni, K. Xhaferraj and G. Kasmi (2011). Intestinal parasitic infections among children in central Albania. *Ann Trop Med Parasitol*, **105**, 241–250. (ISI/SCOPUS Cited Publication)
30. Al-Mekhlafi, H. M., **Mahdy, M. A.**, Sallam, A. A., Ariffin, W. A., Al-Mekhlafi, A. M., Amran, A. A. and Surin, J. (2011). Nutritional and socio-economic determinants of cognitive function and educational achievement of Aboriginal schoolchildren in rural Malaysia. *Br J Nutr*, 1-7. (ISI/SCOPUS Cited Publication)

31. Al-Mekhlafi, H. M., **Mahdy, M. A.**, Azlin, M. Y., Fatmah, M. S. and Norhayati, M. (2011a). Childhood Cryptosporidium infection among aboriginal communities in Peninsular Malaysia. *Ann Trop Med Parasitol*, **105**, 135-143. (ISI/SCOPUS Cited Publication)
32. Quah, J. X., Ambu, S., Lim, Y. A., **Mahdy, M. A.** and Mak, J. W. (2011). Molecular identification of Cryptosporidium parvum from avian hosts. *Parasitology*, 1-5. (ISI/SCOPUS Cited Publication)

2010

33. **Mahdy, M. A.K.**, Al-Mekhlafi, H. M., Al-Mekhlafi, A. M., Lim, Y. A., Bin Shuaib, N. O., Azazy, A. A. and Mahmud, R. (2010). Molecular characterization of Leishmania species isolated from cutaneous leishmaniasis in Yemen. *PLoS ONE*, **5**. (ISI/SCOPUS Cited Publication)
34. Al-Mekhlafi, A. M., **Mahdy, M. A. K.**, Azazy, A. A. and Fong, M. Y. (2010). Molecular epidemiology of Plasmodium species prevalent in Yemen based on 18s rRNA. *Parasit Vectors*, **3**, 110. (ISI-Cited Publication)
35. Al-Mekhlafi, H. M., Surin, J., Sallam, A. A., Abdullah, A. W. and **Mahdy, M. A. K.** (2010). Giardiasis and poor vitamin A status among aboriginal school children in rural Malaysia. *Am J Trop Med Hyg*, **83**, 523-527. (ISI/SCOPUS Cited Publication)
36. Al-Mekhlafi, A., **Mahdy, M.**, Azazy, A. and Fong, M. (2010). Clinical situation of endemic malaria in Yemen. *Tropical Biomedicine*, **27**, 551-558. (ISI/SCOPUS Cited Publication)

2009

37. **Mahdy, A.K.**, Surin, J., Mohd-Adnan, A., Wan, K.L., Lim, Y.A., 2009. Molecular characterization of Giardia duodenalis isolated from Semai Pahang Orang Asli (Peninsular Malaysia aborigines). *Parasitology* 136, 1237-1241. (ISI/SCOPUS Cited Publication)
38. **Mahdy, A.K.**, Surin, J., Wan, K.L., Mohd-Adnan, A., Al-Mekhlafi, M.S., Lim, Y.A., 2009. Giardia intestinalis genotypes: Risk factors and correlation with clinical symptoms. *Acta Trop* 112, 67-70. (ISI/SCOPUS Cited Publication)
39. Lim, Y.A., Lai, M.M., **Mahdy, M.A.**, Mat Naim, H.R., Smith, H.V., 2009. Molecular detection of Giardia contamination in water bodies in a zoo. *Environ Res* 109, 857-859. (ISI-Cited Publication)
40. Lim, Y.A., Ramasame, S.D., **Mahdy, M.A.**, Sulaiman, W.Y., Smith, H.V., 2009. Detection and molecular characterization of Giardia isolated from recreational lake water in Malaysia. *Parasitol Res.* 25 August 2009 (ISI-Cited Publication)
41. Surin, J., **Mahdy, A.K.**, Wan, K.L., Mohd-Adnan, A., Al-Mekhlafi, M.S., Lim, Y.A., Genotyping and molecular characterization of *Giardia intestinalis* isolated from the Orang Asli (aborigines) in Malaysia. *American Journal of Tropical Medicine and Hygiene*, 2009. **81**(5): p. 176-176.
42. Surin, j., Asma I, **Mohammed AK Mahdy**, Sim BLH, Adeeba K, Lim YAL. Molecular characterization of *Cryptosporidium* isolated from hiv-infected patients in malaysia. *American Journal of Tropical Medicine and Hygiene*, 2009. **81**(5): p. 136-136.

43. Al-mekhlafi, H., Johari Surin, Atiya Sallam, Wan Ariffin Abdullah, **Mohammed Mahdy** and Che Abdullah Hassan e, High dose of vitamin a supplementation protects aboriginal schoolchildren in rural malaysia from *Giardia duodenalis* reinfection: a randomized controlled trial. American Journal of Tropical Medicine and Hygiene, 2009. **81**(5): p. 199-199.

2008

44. **Mahdy, A.K.**, Johari, S., Lim, YAL, Wan and Al-Mekhlafi H.M.S. 2008. Risk factors for endemic giardiasis- highlighting the possible association of contaminated water and food. Transaction of The Royal Society of Tropical Medicine and Hygiene 102: 465-470. (*ISI-Cited Publication*)
45. M.S. Hesham Al-Mekhlafi, Johari Surin, A.S. Atiya, W.A. Ariffin, **A.K. Mahdy**, and H. Che Abdullah. 2008. Pattern and predictors of soil-transmitted helminth reinfection among aboriginal schoolchildren in rural Peninsular Malaysia. Acta Tropica. 107(2):200-204. (*ISI/SCOPUS Cited Publication*)
46. M.S. Hesham Al-Mekhlafi, Johari Surin, A.S. Atiya, W.A. Ariffin, **A.K. M. Mahdy**, and H. Che Abdullah. 2008. Anaemia and iron deficiency anaemia among aboriginal schoolchildren in rural Peninsular Malaysia: An update on a continuing problem. Transactions of the Royal Society of Tropical Medicine and Hygiene.102: 1046 1052. (*ISI/SCOPUS Cited Publication*)
47. Hesham Al-Mekhlafi, M., Johari Surin, Atiya A.S., **Mahdy MAK.**, Ariffin WA, and Che Abdullah H. (2008). Current prevalence and predictors of protein-energy malnutrition among schoolchildren in rural Peninsular Malaysia. Southeast Asian Journal of Tropical Medicine and Public Health .39(5): 922-931 (*SCOPUS-Cited Publication*)
48. Johari Surin, **M. A. Mahdy**, Y. A. Lim & H.M Al- Mekhlafi. 2008. Risk factors for endemic giardiasis - association with contaminated water and food. The American Journal of Tropical Medicine and Hygiene. Volume 79 December 2008 No 6 Abstract. (*ISI/SCOPUS Cited Publication*)

2007

49. **Mahdy, M.A.K.**, Johari, S., Lim, YAL and Al-Mekhlafi H.M.S. 2007. Current situation of Giardia and Cryptosporidium among Orang Asli (Aboriginal) communities in Pahang, Malaysia. Southeast Asian Journal of Tropical Medicine and Public Health. 38 (suppl 1) 2007.
50. M.S. Hesham Al-Mekhlafi, A.S. Atiya, Y.A.L. Lim, **A.K. M. Mahdy**, W.A. Wan Ariffin, H. Che Abdullah and Johari Surin. 2007. An unceasing problem: soil-transmitted helminthiases in rural Malaysian communities. Southeast Asian Journal of Tropical Medicine and Public Health. 38(6): 998-1007 (*ISI/SCOPUS Cited Publication*)
51. **Mahdy, M.A.K.**, Johari, S., Lim, YAL, Wan, KL and Al- Mekhlafi H.M.S. 2007. Epidemiology of Cryptosporidiosis in a rural Malaysian community. The Malaysian Journal of Medical Sciences. 14 (supp1): 129
52. Al-mekhlafi, HMS, Atiya, A, **Mahdy, MAK**, Wan ariffin, WA, Che Abdullah, H. and Johari Surin. 2007. Prevalence and correlates of protein-energy malnutrition in Orang Asli schoolchildren. The Malaysian Journal of

Medical Sciences. 14 (supp1): 138

53. Al-mekhlafi, HMS, Atiya, A, **Mahdy, MAK**, Wan ariffin, WA, Che Abdullah, H. and Johari Surin. 2007. Factors associated with iron deficiency anaemia in rural Malaysian communities. The Malaysian Journal of Medical Sciences. 14 (supp1): 282

2004

54. **Mahdy, M.A.K.**, Chan.B.T.E., Noor Hayati, M.I, Sa iah H.A, Ismail, M.G. and Jeffery, J. 2004. The distribution of malaria parasites among Orang Asli populations living in the interior areas of Pahang and Kelantan, Malaysia. Tropical Biomedicine 21(1): 101-105. (*Non-ISI/Non-SCOPUS Cited Publication*)

PRESENTATIONS

(Title), (Event), (Date Presented).

Invited Speaker

Current status and future trend of giardiasis and cryptosporidiosis in the Arabian Peninsula. 6th Asian Congress of Tropical Medicine and Parasitology, 5-7 March, 2014

Oral

1. Prevalence and distribution of malaria in southeast Yemen., JITMM & FBPZ7 Bangkok, Thailand., 12 Dec 2012 to 14 Dec 2012, (International)
2. Molecular markers for chloroquine-resistant Plasmodium falciparum malaria in Peninsular Malaysia., International Tropical Medicine Meeting 2010 (JITMM 2010), and the International Malaria Colloquium 2010 (IMC 2010), 01 Dec 2010 to 03 Dec 2010, Mahidol University, (International)
3. Risk factors for endemic giardiasis- highlighting the association of contaminated water and food., 43rd Annual scientific Seminar of Malaysian Society of Parasitology and Tropical Medicine and Centenary Celebration of the Royal Society of Tropical Medicine and Hygiene (London), 01 Mar 2007 (National)
4. Genotyping of Giardia duodenalis from water samples collected from a zoological watershed, 44th Annual scientific Seminar of Malaysian Society of Parasitology and Tropical Medicine, 4-5 March 2008, 01 Mar 2008 (National)
5. Genotyping and risk factors of Giardia intestinalis in aboriginal communities in Malaysia, The Third ASEAN Congress of Tropical Medicine and Parasitology (ACTMP3), 01 Mar 2008 (International)
6. Molecular classification of Giardia duodenalis and the correlation with risk factors, 16th Biological Sciences Graduate Congress (BSGC), 11 Nov 2011 to 11 Nov 2011, (International)

Poster

7. Molecular characterization of canine hookworm isolated from urban and rural dogs in Malaysia., 48th Annual Conference of the Malaysian Society of Parasitology and Tropical Medicine (MSPTM), 27 Mar 2012 to 28 Mar 2012, (National)

8. Molecular characterization of *Cryptosporidium* isolated from HIV- infected patients in Malaysia, ASTMH 58th Annual Meeting, 01 Jun 2009 (International)
9. Genotyping and molecular characterization of *Giardia intestinalis* isolated from the Orang Asli (Aborigines) in Malaysia, ASTMH 58th Annual Meeting, 01 Jun 2009 (International)
10. Current status of *Giardia* and *Cryptosporidium* among Orang Asli communities in Pahang, Malaysia, JITMM 2006 & 6TH APTHC, 01 Mar 2006 (International)
11. Current infection rate of *Giardia lamblia* among Orang Asli communities in Pahang, Malaysia, UM Graduate Symposium 2006, 01 Mar 2006
12. Epidemiology of Cryptosporidiosis in a rural Malaysian community, International Medical & Health congress, 2007., 01 Mar 2007
13. Geohelminthiasis in Orang Asli, the aborigines community of Malaysia -the unceasing problem of the hidden enemy., ASTMH 56th Annual Meeting, 01 Mar 2007(International)
14. Prevalence and correlates of protein-energy malnutrition in Orang Asli schoolchildren, International Medical & Health congress, 01 Mar 2007
15. An unceasing problem: soil-transmitted helminthiases in rural Malaysian communities, 43rd Annual scientific Seminar of Malaysian Society of Parasitology and Tropical Medicine and Centenary Celebration of the Royal Society of Tropical Medicine and Hygiene (London), 20-22 March 2007, 01 Mar 2007(International)
16. Factors associated with iron deficiency anaemia in rural Malaysian communities, International Medical & Health congress, 2007, 01 Mar 2007
17. Does vitamin A supplementation protect aboriginal schoolchildren from acquiring severe soil-transmitted helminthiasis? A randomized controlled trial--, The 45th Annual Scientific Seminar of MSPTM. 18-19 March 2009, 01 Mar 2009 (National)
18. Molecular characterization of *Giardia duodenalis* and *Cryptosporidium* isolated from Peninsular Malaysian aborigine, The 45th Annual Scientific Seminar of MSPTM. 18-19 March 2009, 01 Mar 2009 (National)
19. Study on the prevalence of malaria among patients with fever in hodeidah province, yemen, The 45th Annual Scientific Seminar of MSPTM. 18-19 March 2009, 01 Mar 2009 (National)
20. Pediatric giardiasis in Albania: current status and risk factors, Fourth ASEAN Congress of Tropical Medicine and Parasitology (4ACTMP), 02 Jun 2010 to 04 Jun 2010, Singapore, (International)
21. Molecular identification of leishmania species causing visceral leishmaniasis among children in Yemen, Neglected Tropical Diseases Meeting (ISID-NTD), 08 Jul 2011 to 10 Jul 2011, International Society for Infectious Diseases, (International)
22. Genotyping of *Leishmania* species isolated from cutaneous leishmaniasis in Yemen, The XIIth International Congress of Parasitology (ICOPA), 15 Aug 2010 to 20 Aug 2012, Australian Society for Parasitology,, (International)

23. Molecular characterization of *Giardia duodenalis* isolated from patients attending hospitals in Sana'a City, Yemen, The XIIth International Congress of Parasitology (ICOPA), 15 Aug 2010 to 20 Aug 2010, The Australian Society for Parasitology, (International)
24. Molecular phylogeny of *Plasmodium* species prevalent in Yemen, The XIIth International Congress of Parasitology (ICOPA), 15 Aug 2010 to 20 Aug 2010, The Australian Society for Parasitology, (International)
25. Current situation of malaria in Yemen, 46th MSPTM seminar, 24 Mar 2010 to 25 Mar 2012, Malaysian Society of Parasitology and Tropical Medicine, (National)
26. Prevalence and risk factors of protozoal infection among patients attending hospitals in Sana'a City, the capital of Yemen, 46th MSPTM seminar, 24 Mar 2010 to 25 Mar 2010, (National)
27. Intestinal parasitic infections among children in Albania: current status and risk factors, 46th MSPTM seminar, Malaysia, 24 Mar 2010 to 25 Mar 2012, Malaysian Society of Parasitology and Tropical Medicine, (National)

RESEARCH GRANTS

(Project title), (Amount), (Source of fund)

1. Prevalence of glucose-6-phosphate dehydrogenase deficiency among children and evaluation of a rapid diagnostic test for its detection in malaria endemic areas in Yemen, Principle Investigator, 2015-2016, **(12500 USD), TDR, WHO**
2. Predictors of use of Long-lasting Insecticidal Nets among communities within malaria endemic areas in Yemen. Co-Investigator, 2015-2016, **(15000 USD), TDR, WHO**
3. The impact of health education in controlling soil-transmitted helminthiasis and the potentials of developing anthelmintics resistance in Orang Asli communities, Co-Investigator, 2012-2014, Geran Penyelidikan Universiti Malaya (UMRG), **(20,000 USD)**
4. Genotyping of *Cryptosporidium*, *Giardia* and *Microsporidia* isolated from human and animals, **Principal Investigator (PI)**, 2011-2013 **(40,000 USD), University of Malaya**
5. The Burden of Malaria Among Pregnant Women in Taiz City, Yemen, **Co-Investigator**, 2012-2013 **(25,000 USD), University of Malaya**
6. Molecular markers of Malaria drug resistance in Malaysia, **Co-investigator**, 2009-2012, UMRG **(45,000USD), University of Malaya**
7. Dynamic trends of the phylogenetic taxonomy of water borne protozoan parasites of man, animal agents and the environment in Malaysia, **Co-Investigator (PI)**, 2009-2012 **(35000 USD), University of Malaya.**
8. Molecular epidemiology waterborne protozoa in Malaysia, **Principal Investigator (PI)**, 2010-2011 **(20,000 USD), University of Malaya**

9. Phylogenetic study of Cryptosporidium isolated from human , animal and aquatic environment in Malaysia based on SSU rRNA and GP60 genes, **Co-Investigator (PI)**, 2008-2009 (**24,000 USD**), **University of Malaya**
10. Molecular identification and genotyping of intestinal protozoa (Giardia, Cryptosporidia and Cyclospora) isolated from human, animals and environment in Selangor, Malaysia, **Principal Investigator (PI)**, 2005-2006 (1500 \$), **University of Malaya**
11. Molecular identification and genotyping of selected intestinal protozoa isolated from human, animals and environment in Pahang, Malaysia, **Principal Investigator (PI)**, 2007-2008 (**1500 USD**), **University of Malaya**
12. Molecular identification and genotyping of selected intestinal protozoa isolated from human, animals and environment in Pahang, Malaysia, **Principal Investigator (PI)**, 2006-2007 (**1500 USD**), **University of Malaya**
13. Molecular Epidemiology of Microsporidia Isolated from Immunocompromised patients, **Co-investigator**, 2009-2010, **University of Malaya**

SUPERVISION

Post Graduate Level

1. Master Degree, Salama Salim Al Hamidhi (Sudan), Molecular markers of malaria drug resistance, **Sultan Qaboos University** 2011/2012, **Completed**
2. Doctoral Degree (PhD), Choy Seow Huey, Molecular Epidemiology of Giardiasis in Sabah, Malaysia, 2011/2012, **University of Malaya, Completed**
3. Doctorate Degree (PhD), Omar Ba maqa, Molecular Epidemiology of malaria the Eastern of Yemen , Yemen, 2011/2012, **University of Malaya, Ongoing**
4. Doctorate Degree (PhD), Leena Al-areqi, Malaria Burden among pregnant women in Yemen, Yemen, 2011/2012, **University of Malaya, Ongoing**
5. Doctorate Degree (PhD), Naelah Abdulaziz Abdel Wale Mahyoub, Molecular epidemiology of Giardia and Cryptosporidium in Sana'a City, Yemen, 2008/2009, **University of Malaya, Completed**
6. Master Degree, Wahib Mohammed Mohsen Atroosh (Yemen), Molecular markers of malaria drug resistance in malaria endemic areas in Pahang, Malaysia, 2009/2010, **University of Malaya, Completed**
7. Master Degree, Nazeh Mohammed Al-abd Ali (Yemen), Genetic diversity in merozoite surface protein MSP-1 and MSP-2 genes of *Plasmodium falciparum* in Yemen, 2009/2010, **University of Malaya, Completed**

TEACHING

(Course Title), (Academic Session), (Institute), (Program), (No of Student), (No of Contact Hours).

First Degree

Microbiology-Block GUS, 2014/2015, UST-Yemen, MBBCH, 70, 15
Microbiology-Block CNS, 2014/2015, UST-Yemen, MBBCH, 70, 15
Helminthology, 2014/2015, Sana'a University, Medical Laboratory, 190, 64
Helminthology, 2014/2015 (2), UST-Yemen, Medical Laboratory, 25, 32
Protozoa, 2014/2015(1), UST-Yemen, 25, 32
Oral Microbiology, 2013/2014 (1), UST-Yemen, Dentistry, 45, 32
Microbiology-Block GUS, 2013/2014, UST-Yemen, MBBCH, 50, 15
Microbiology-Block CNS, 2013/2014, UST-Yemen, MBBCH, 50, 15
Helminthology, 2013/2014, Sana'a University, Medical Laboratory, 190, 64
Protozoa, 2012/2013, Sana'a University, Medical Laboratory, 198, 64
Advanced course in diagnostic Parasitology (b), 2011/2012(1), University of Malaya-Malaysia, 9, 2
Medical Microbiology, 2005/2006(1), PTPL-Malaysia, 20, 2
Immunology, 2005/2006, PTPL-Malaysia, 20, 1

CONTRIBUTION TO SOCIETY

(Contribution To Society), (Level), (Start Date), (End Date).

Chairman, Evaluation committee of Babaker Prize for innovation, October – November 2014

Evaluation

(The activity), (Date).

External assessor for promotion and employment in University of Malaya, Malaysia (from 2015 – 2017)
PhD Thesis Examiner (2011)
Reviewer for international journals (PLOS one, Tropical Biomedicine, International Journal of Hygiene and environmental health...ect).

WORKSHOPS

Date: 6 Nov. 2009
Name: An introduction to designing inquiry courses
Organizer: University of Malaya, Malaysia
Date: 15-16 April 2009-10-14
Name: Real-Time PCR hands-on workshop
Organizer: University of Malaya, Malaysia
Date: 18-19 Feb. 2009

Name: Epidemiology of Parasitic infection and infectious disease:
Environmental health implication

Organizer: University of Malaya, Malaysia

Date: 8 May, 2008

Name: Application of transmission electron microscope in NanoBiology
and NanoResearch

Organizer: Electron Microscopy Unit, University Malay and L-Edge
Technology SDn Bhd

Date: 26th – 28th July, 2005

Name: Research Methods Introductory Course.

Organizer: Health Research Development Unit, University of Malaya Medical
Centre, Kuala Lumpur, Malaysia.

Date: 21th December, 2004

Name: Workshop on academic writing in English

Organizer: Universiti Kebangsaan Malaysia

Date: 27th – 28th August, 2003

Name: Technique on bleeding and inoculation of laboratory animal
workshop

Organizer: Laboratory Animal resource Unit, Faculty of Medicine
Universiti Kebangsaan Malaysia (UKM)

Date: 9th July, 2003

Name: HLA & PCR workshop

Organizer: Hospital Universiti Kebangsaan Malaysia (HUKM) & Neodin Co.
Ltd.

LANGUAGES:

1. Arabic: the native language.
2. English: the study language during the BSc, MSc and PhD.
3. Bahasa Malaya: two courses during the master program in UKM.

Referee

DR. JOHARI BIN HAJI SURIN

PROFESSOR

Parasitology, Faculty of Medicine, University of Malaya
Kuala Lumpur, Malaysia

joharisurin@um.edu.my

Tel: 03-79674748; Fax: 03-79674754

Personal Linkes:

http://www.researchgate.net/profile/Mohammed_Mahdy2

<https://scholar.google.com/citations?hl=en>