

CURRICULUM VITAE **(CV)**

(Updated May 2019)

FRANKLIN WERIA MOSHA



Prof FW Moshha

1. PERSONAL DETAILS

Nationality: Tanzanian

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2. EDUCATION

| Year | University | Award |
|------------------|---|------------------------------------|
| 1968-1971 | University of Dar-Es-Salaam Tanzania | BSc. (Zoology, Botany, Geography) |
| 1971-1973 | North Dakota State University (USA) | MSc. (Medical Entomology) |
| | University of Dar-Es-Salaam, Faculty of Medicine Tanzania | PhD. |
| 1981-1982 | University of Rome - Italy | Certificate in Insect Cytogenetics |
| 1995-1995 | University of Pittsburg (USA) | Cert.- Advanced Administration |

3. PROFESSIONAL EXPERIENCE

| Year | Experience Descriptions |
|---------------|---|
| 2011- Present | Professor of Parasitology and PAMVERC-P.I/ Insecticide Test Facility Manager, Kilimanjaro Christian Medical University, College, Tumaini University, Tanzania |
| 2007 – 2010 | Associate Professor and Director for Research & Consultancies and also Director of Kilimanjaro Clinical Research Centre (KCRC, now KCRI), KCMC/ KCMU College |
| 1998 - 2007 | Senior lecturer - KCMU-College, Tumaini University, Tanzania |
| 1987 -1998 | Chief Research Officer then Director, Tropical Pesticides Research Institute (TPRI) Arusha, Tanzania |
| 1984-1986 | Consultant World Health Organisation (WHO), Onchocerciasis Control Programme, Bamako-Mali |
| 1978-1983 | Research Scientist International Centre of Insect Physiology & Ecology (ICIPE), Nairobi, Kenya |
| 1973-1978 | Research Officer, East African Community –Malaria, Research Institute, Amani (now NIMR), Tanzani |

RECENT AWARD (2015): National Lifetime Award in Health Research

4. RESEARCH ACTIVITIES

- 4.1 Malaria vector control research under the umbrella of Pan African Malaria Vector Control Consortium (www.pamverc.or.tz) and Joint Malaria Program (JMP)
- 4.2. Epidemiological studies on malaria, filariasis, schistosomiasis and arboviral infections.
- 4 3. Malaria clinical trials.

5. TRAINING ACTIVITIES

- 5.1 Teaching and Dissertation research supervision
Medical Parasitology & Entomology Modules – MSc (Medical Parasitology & Entomology).
- 5.2 PhD supervision, Total graduated = 11

5.3 Training Coordination:

- Training Node Coordinator for EDTCP sponsored program for E.Africa Consortium for Clinical Research(2010 – 2014)

6. **PUBLICATIONS**

- 6.1 **Mosha, F.W.** and Magayuka, S.A. laboratory infection of *Anopheles pharoensis* with *Wuchereria bancrofti*. **Bull. Wld Hlth Org.** 55:765-766, **1977.**
- 6.2 **Mosha, F.W** and Magayuka, S. A. Potential vectors and non-vectors of *Bancroftian filariasis in East Africa* **E A, Med.J**, 56: 197 – 202, **1979.**
- 6.3 Kolstrup, N; McMahon, J.E; Magayuka, A.S; **Mosha F.W.** Bushrod, F.M; and Brayan J.H. Control measures against Bancroftian filariasis in coastal village in Tanzania. **Ann. Trop.Med.Parasitol.** 75: 433-451, **1981.**
- 6.4 Mc Mahon, J. E; Magayuka S.A; Kolstrup, N; **Mosha, F.W**; Bushrod, F.M; Abaru, D. E; and Brayan, J. A; Studies on the transmission and prevalence of Bancroftian filariasis in four coastal villages in Tanzania. **Ann. Trop. Med. Parasitol.** 75: 415 – 431, **1981.**
- 6.5 **Mosha, F.W.** and Mutero, C.M. Separation of *Anopheles merus* from fresh water *Anopheles gambiae* by salinity tolerance test and morphological characters. **Parasitologia XXIV** (2): 255-164, **1982.**
- 6.6 **Mosha, F.W**; and Mutero C.M. The influence of salinity on larval development and population dynamics of *Anopheles merus* (Diptera :culicidae) **Bull Ent Res** 72:119-128,**1982.**
- 6.7 **Mosha, F.W**; and Subra, R. Ecological studies on *Anopheles gambiae* complex sibling species in Kenya. I-Preiminary observations on their geographical distribution and chromosomal polymorphic inversion. **WHO/VBC / 82.867**, **1982.**

- 6.8 **Mosha, F.W;** and Subra. R. Ecological studies on *Anopheles gambiae* complex sibling species on the Kenya Coast. **Trans. R. Soc.Trop. Med. Hyg.** 77:344-345, **1982.**
- 6.9 Subra, R; Service, M.W and **Mosha F.W.** Effects of domestics detergents on the immature stages of two competitor mosquitoes, *Culex cinereus* Theobald and *Culex quinquefasciatus* say (**Diptera, Culicidae**) in Kenya. **Acta Trop.**41:69-75, **1984**
- 6.10 **Mosha, F.W.** and Petrarca, V. Ecological studies on *Anopheles_gambiae* complex sibling species on the Kenya coast **Trans. R. Soc. Trop.Med. Hyg.** 77:344-345. **1983.**
- 6.11 **Mosha, F.W;** and Subra,R. Sanity and the breeding of *Culex quinquefasciatus* say, *Anopheles funestus* and fresh water breeding *Anopheles gambiae* (*sensu stricto*) on the Kenya Coast **Cuh ORSTOM Ser. Ent.Med;****1982**
- 6.12 Mutero, C.M; **Mosha, F.W;** and Subra, R. Biting activity and resting behaviour of *Anopheles merus* Donitz on the Kenya Coast.**Ann. Trop.Med. Parasit.** 78:43-47, **1984.**
- 6.13 **Mosha, F.W;** and Matemu, D.P. Toxic effect of *Azadiracta indica* seed extract on mosquitoes. **Neem News letter** (3) 40: 44-47, **1986.**
- 6.14 Boakye, D.A and **Mosha F.W.** Natural hybridisation between two sibling species of *Simulium damnosum* complex, *S. sanctipauli* and *S. sirbanum* **Med. Vet.Entom.** 2:397-399, **1988.**
- 6.15 Boakye. D.A; and **Mosha, F.W.** The distrubtion of chromosome polymorphism of *Simulium dieguerense* (Diptera: Simuliidae). **Trop.Med.Parasit.** 39:117-119, **1988.**
- 6.16 **Mosha, F. W;** Njau, R.J.A. and Myamba, J. Biological efficacy forumalations of mosquito coils and a critical review of test methods. **Pyrethrum Post.** 17 (2):47-51, **1989.**
- 6.17 **Mosha, F.W;** Njau, R.J.A and Alfred, J. Efficacy of esbiothrin mosquito coils at community level in Northern Tanzania. **Med.& Vet. Entom** 6:44-46, **1992.**

- 6.18 Njau, R.J.A; **Mosha, F.W**; and Nguma, F.J.M. Field trials of pyrethroid impregnated bednets in Northern Tanzania. I. Effect on Malaria transmission. *Insect. Sci. Applic.* 14 (5/6): 575-584, **1993**.
- 6.19 Njau, R.J.A; **Mosha, F.W**; Kimaro E.E; Masenga, C.P; and Mnkai, P.A.S. Field evaluation of pyrethroid acaricide against man-biting mosquitoes through community participation in Tanzania. *Pyrethrum Post*, **1993**.
- 6.20 Boakye, D.A; Post, R.J; **Mosha, F.W**. Surtees, D.P. and Baker, R.H.A Cytotaxonomic revision of the *Simulium dammosum sanctipauli_sub* complex (Diptera: Simuliidae) in Guinea and the adjacent countries including description of two new species. *Bull. Ent. Res*; 83;171-186, **1993**.
- 6.21 Mutero, C.M; **Mosha, F. W**; Odoulaja, A; Knols, B.G.J. and Bos, R. Livestock Management and Malaria Prevention in Irrigation Scheme. *Parasitology Today*; 15:393-426, 1999..22
- 6.22 McCall, P. J.; **Mosha, F.W**; Njunwa, K. T. and Sharlock, K. Evidence for memorised site-fidelity in *Anopheles arabiensis*. *Trans.R. Soc. Trop.Med. Hyg.* 95:387-590, **2001**.
- 6.23 Ijumba, J.N, **Mosha, F.W**. and Lindsay, S.W. Malaria transmission risk variations derived from different agricultural practices in irrigated area of Northern Tanzania. *Med. and Vet. Entom.* 16:28-38,**2002**.
- 6.24 Ijumba, J. N., Shenton, F.C., Clarke, S. E., **Mosha, F. W.**, and Lindsay, S.W. Irrigated Crop production is associated with less Malaria than traditional agricultural practices in Tanzania. *Trans. R. Soc. Trop. Med. Hyg.* 96, 476 – 480, **2002**.
- 6.25 Pearce, R. J., Drakeley, C., Chandramoham, D., **Mosha, F. W.**, and Roper, C. Molecular determination of point mutation haplotypes in the dihydrofolate reductase and dihydropteroate synthase of *Plasmodium falciparum* in three districts of Northern Tanzania. *Antimicrobial Agents and Chemotherapy* 47 (4), **2003**.

- 6.26 Roper, C., Pearce, R., Bradenkamp, B., Gumenda, J., Drakeley, C., **Mosha, F. W.**, Chandramohan, D., Sharp, B. Antifolate antimalarial resistance in Southeast Africa: a population based analysis. **The Lancet**, 361, 1174 – 1180, **2003**.
- 6.27 Nesbitt, R. **Mosha, F. W.** Kotki, H, Ashraf, M, Assenga, C, Lee C.
Amobiasis and comparison of microscopy to ELISA Technique in determination of *Entomoeba histolytica* and *E. dispar*. **J.Nat.Med. Ass**; 96 (5), 671 – 677, **2004**
- 6.28 Kulkarni, M. A, Kweka, E, Nyale, E, Lyatuu, E, **Mosha F. W.**
Chandramohan D, Rau, E, Drakeley, C. Entomological Evaluation of Malaria Vectors at Different altitudes in Hai District, Northern Tanzania, **J. Med Ent.** 43 (2), 1 -9 **2005**.
- 6.29 Braimah, N, Drakeley, C, **Mosha, F. W**; Helsinki, M; Petes, H. Maxwell,
C; Massawe, J. and Curtis, C. Tests of Bednet Trap Mbita Trap for monitoring mosquito population and time of biting in Tanzania and possible impact of prolonged ITN use. **International J. Trop Insect. Sc.** 25 (3): 208 – 213, **2005**
- 6.30 Magesa, S.M; Maxwel, C; **Mosha, F.W**; Mwingira, V; N'Guessan, R; and
Rowland, M. Preserving the effectiveness of insecticide treated nets and
other vector control tools: alternative insecticides and products for
overcoming insecticide resistance. **Acta Tropica** (Supplement),9Ss;S331. **2005**
- 6.31 Lyimo, I; **Mosha, F.W**; Rowland, M; Kulkarnu, M; Matowo, J; Magesa, S. and Drakeley,
C. Evaluation of new insecticides and long tasting treatment for nets and other
malarials used in malaria vector control and personal protection. **Acta Tropica**
(Supplement) 95S, s120-121. **2005**
- 6.32 Rowland, M; Magesa, S; **Mosha, F.W**; Malima, R; Tungu, P; Lyimo, I; Maxwell, C. and
Mwingira, V. Evaluation of an alphacypermethrin LLN developments by BSF against
Anopheles funestus nad *Culex quinquefasciatus* in experimental huts in Tanzania:
Phase 11 Trial. WHO – WHOPEs, **2006**

- 6.33 Robison, T. **Mosha F. W.** Grainge, M and Madeley, R. Indicators of Mortality in Africana adults with malaria. **Trans. R. Soc. Trop. Med. Hg.**, 2006
- 6.34 Kulkarni M. A; Rowland, M, Alifringes M, **Mosha F. W.** Matowo, J, Malima R. Kweka, E. Lyimo, I. Magessa, M. Alli, S. and Drakeley, C. Occurrence of Leucine-to phenylalamine knockdown resitance (kdr) mutation in *Anopheles arabiensis* population in Tanzania. **Malaria Journal** 5; 5-6, 2006
- 6.35 Osterholt, M. J. A. M; Bousema, J. T; Mwerinde, O.K; Harris, C; Lushino, P; Massokoto, A; Mwerinde, H; **Mosha, F. W.** and Drakeley, C. Spatial and temporal variation in Malaria transmission in a low endemicity area in Northern Tanzania. **Malaria Journal**, 5:98,1-7, 2006.
- 6.36 Kulkarni, M. A; Malima, R; **Mosha, F.W. etal.** Efficacy of pyrethrial – Treated nets against malaria vectors and nuisance – biting mosquitoes in Tanzania in areas with long – term TIN use. **Trop. Med. & Inter. Health.**12, 1063 – 1071, 2007
- 6.37 Rowland, M; **Mosha, F. W.** Magesa, S;Lyimo, I; Maxwell, C. and Yates, A. Evaluation of Syngenta ICON MAXX Long lasting insecticide net treatment agaist *Anopheles gambiae*, *An. Arabiensis* and *An.funestus* in experimental huts in Muheza (Tanga) and Moshi (Kilimanjaro), Tanzania: Phase 11 Trial.
WHO – WHOPES, Geneva, 2007.
- 6.38 Shekalaghe, S; Drakeley, C; Gosling, R, Ndarro, A; Meegeren, Van M, Enevold, A; Alifringis, M, **Mosha, F. W.** Saurwein, R; Bousema, T. Primaquine clears submicroscopic *P. falciparum* gametocytes that persist after treatment with sulphadoxine – pyrimethamine and Artesunate. **PLoS ONE**, Oct; 10:2 (10), 1023, 2007.
- 6.39 Bousema, T; Kunei, K; Lushindo, P; Masaokoto, A; Wolters, L; Mwakalinga, S; **Mosha, F;** Sauerwein, R; Drakeley,C. Submicroscopic *Plasmodium falciparum* gametocyte carriage is common in an area of low and seasonal transmission in Tanzania. **Trop. Med & Inter. Health**, 12(4): 547 – 553.2007

- 6.40 Mahande, A. M; **Mosha, F. W**; Mahande, J. Kweka, E. Role of cattle treated with deltamethrin in areas with population of *Anopheles arabiensis* in Moshi, Northern Tanzania. ***Malaria Journal***, 6:109, **2007**
- 6.41 Mahande, A; **Mosha, F. W**; Mahande, J; Kweka, E. *Feeding and resting behaviour of Malaria vector, Anopheles arabiensis* with reference to zoophylaxis. ***Malaria Journal***, 6:100, **2007**.
- 6.42 Kweka, E. J; Nkya, W. M. M. Mahande, A. M; Assenga, C; **Mosha, F. W**; Lyatuu, E. E; Massenga, C. P; Nyale, E. M. Mwakalinga, S. B. Lowassa, A. Mosquito abundance, bed net coverage and other factors associated with variations in sporozoite infectivity rates in four village of rural Tanzania. ***Malaria Journal***, 7:59, **2008**
- 6.43 Kweka, E. J. Mahande, A. M. Nkya, W. M, Assenga, C, Lyatuu, E. E; Nyale, E, **Mosha, F.** Mwakalinga, S. B; Temu, E.A. Vector species composition and Malaria infectivity rates in Mkuzi, Muheza District, North – eastern Tanzania. ***Tz. J. Res***; 10 (1):46 – 49. **2008**.
- 6.44 Malima, R; C; Magesa, S. M. Tungu P.K; Mwingira, V. Magogo, F.S; Sudi; W; **Mosha, F. W**, Curtis, C. F; Maxwell, C; Rowland, M. An experimental hut evaluation of Olyset nets against anopheline mosquitoes after sever years use in Tanzanian villages ***Malaria Journal***, 7: 38 – 55, **2008**.
- 6.45 Oxborough, R; **Mosha, F. W**; Matowo, R;Feston, E; Hemingway, J. and Rowland, M. Mosquitoes and bednets: testing the spatial positioning of insecticides on nets and the rationale behind combination insecticides of treatments. ***Annals Trop. Med.& Parasit.*** 102, 717 – 727, **2008**
- 6.46 Oxborough, R; **Mosha F.W**; Tungu, P.K. Magesa, S; Malima, R.C; Maxwell, C; Kitau, J. and Rowland, M. Evaluation of the Permanet 2.5 LLN developed by Vestigard – Frandsen against *Anopheles arabiensis* in experimental huts in Moshi, Tanzania. **WHO – WHOPES, Geneva. 2008**

6.47 Mosha, F. W, Lyimo, I. N, Oxborough, R. M, Malima, R; Tenu, F; Matowo, J; Feston; E, Mndeme, R; Magesa, S. M; Rowland, M. Experimental hut evaluation of the pyrethroid insecticide, chlorfenapyr on bed net for the control of *Anopheles arabiensis* and *Culex quinquefasciatus*. **Trop. Med. & Intern. Health.** 13(5): 644 – 652, **2008**.

6.48 Kweka, E.J; **Mosha, F.W**; Lowassa, A; Mahande, A.M; Mahande, M.J; Massenga, C; Tenu, F; Lyatuu, E; Mboya, E. and Temu, E. Longitudinal evaluation of Ocimum and other plants effects on the feeding behavioural response of mosquitoes (Diptera: Culicidae) in the field in Tanzania

Parasites & Vectors 1:42, **2008**

6.49 Kweka, E; Lowassa, A, Masenga, C, Ijumba, J; Lyatuu, E, Temu, F;

Mosha, F, Mahande, A; Temu, E. Ethnobotanical survey of plant species used as Malaria vectors repellents in villages of lower Moshi, Northern Tanzania. **Malaria Journal**, 7, 152, **2008**

6.50 **Mosha, F. W**; Lyimo; I. N, Matowo, J; Malima, R; Feston, E. Mndeme,

R; Tenu, F; Magesa, S; Rowland, M. Comparative efficacy of Permethrin, Deltamethrin and Alphacypermethrin treated nets against *An. gambiae* and *Cx. quinquefasciatus* in Northern Tanzania. **Ann. Trop. Med & Parasit**, 102 (4), 367 – 376, **2008**

6.51 Mwanziva, C., Shekalaghe, S; Ndaro, A; Mungenint, B; Megiroo, S;

Mosha, F, Sauerwein, R, Drakeley, C; Gosling, R, Bousema, T.

Oversee of artemisinin – combination therapy in Mto wa Mbu, an area misinterpreted as high endemic for malaria. **Malaria Journal**, 7:232, **2008**

6.52 Gosling, R; Gesase, S; Mosha, J; Carneiro, I; Hashim, R; Lemnge, M;

Mosha, F.W; Greenwood, B. Protective efficiency and safety of three antimalarial regimens for intermittent preventive treatment for malaria in infants: a randomized, double blind, placebo-controlled trial. **Lancet**, 374, **2009**.

6.53 Gesase, S; Gosling, R. D; Hashim, R; Oxb, R; Naidoo, Madebe, R; Mosha, J. F; Joho, A; Mandia, V; Mrema, H; Mapunda, E; Savael, Z; Lemnge, M; **Mosha, F**; Greenwood, B; Roper, C; Chandramohan, D. High resistance of *Plasmodium falciparum* to sulphadoxine, pyrimethamine in Northern Tanzania and the emergence of DHPS resistance mutation at Codon 581 **PLOS ONE**, 4 (2); 4569, **2009**

6.54 Malima, R. C; Oxborough, R.M; Tungu, P.M; Maxwell, C; Lyimo, I; Mwingira, V; **Mosha, F.W**; Matowo, J; Magesa, A.M. Rowland, M.W.

Behavioural and insecticidal effects of organophosphate-, carbamate- and pyrethroid-treated mosquito nets against African malaria vectors. **Med. & Vet. Entomol.** 23:317-

- 325, **2009**.
- 6.55 Kitau, J; Magesa, S; Rwegoshora, R.T; Rwegoshora, D; Matowo, J; **Mosha, F. W**; McKenzie and Pates H. The effect of combined use of Mosquito Magnet Liberty Plus trap and insecticide treated nets on human biting rates of *Anopheles gambiae* s.s. and *Culex quiquefasciatus*. **Tanzania Journal of Health Research**. 11 (2) 11(2):
April **2009**.
- 6.56. Msangi, S; Kweka, E.J.; B. J. Mwang'onde, M.J.Mahande, **F.W.Mosha**, E. E.
Kimaro, S, L.Lyaru and A. M. Mahande. Evaluation of ocimum suave essential oil against anthropophilic malaria vector *Anopheles gambiae* s.s after ten years of storage. **Tanzania Journal of Health Research**, Vol. 11, No. 2, **2009**
- 6.57** Njau, R. J.A; **Mosha, F.W.** and de Savigny, D. Case studies in Public – Private Partnership in Health with the focus of enhancing the accessibility of health interventions. **Tanzania. J. Health Records**, 11(4) October **2009**
- 6.58** Njau, R.J.A; deSavigny, D; Gilson, L; Mwageni, E; **Mosha, F.W.**
Implementation of an insecticide-treated net subsidy scheme under a public- private partnership for malaria control in Tanzania-Challenges in implementation. **Malaria Journal**, 8:1-27, **2009**.
- 6.59** Kavishe, R.A; Bousema, T; Shekalaghe, S.A; Sauerwein, R.W; **Mosha, F.W**;
Van der Ven, A; Russel, G.M.. Common genotypic polymorphisms in glutathione S.-transferases in mild and severe falciparum malaria in Tanzanian children.
Amer. J. Trop. Med & Hyg; 81(2) 363-365, **2009**
- 6.60 Oxborough, R.M; **F W Mosha**, **J Matowo**, **R Mndeme**, **E Feston**, **J Hemingway**, **M Rowland**. Mosquitoes and bed nets: testing the spatial positioning of insecticide on nets and the rationale behind combination insecticide treatments. **Annals of Tropical Medicine and Parasitology** 102(8):717-27. **2009**
- 6.61. Kitau J, Pates H, Rwegoshora TR, Rwegoshora D, Matowo J, Kweka EJ, **Mosha, F..** The effect of Mosquito Magnet Liberty Plus trap on the human mosquito biting rate under semi – field conditions. **J. Amer. mosquito Association** 26 (3) 287 – 294, **2010**
- 6.62** Matowo J, Kulkarni MA, **Mosha FW**, Oxborough RM, Kitau JA, Tenu F. Rowland M.

- Biochemical basis of permethrin resistance in *Anopheles arabiensis* from Lower Moshi, north-eastern Tanzania. **Mal.J**; 9:193, **2010**
- 6.63** Bousema T, Drakeley C, Gesase S, Hashim R, Magesa S, **Mosha F**, Otieno S, Carneiro I, Corneiro I, Cox J, Msuya E, Kleinschmidt I, Maxwell C, Greenwood B, Riley E, Sauerwein R, Chandramohan D, Gosling R. Identification of hot spots of malaria transmission for targeted malaria control. **PMD**, 202091 26, **2010**
- 6.64** Bousema T, Roeffen W, Meijerink H, Mwerinde H, Mwakalinga S, Steve Mwakalinga, Geert-Jan van Gemert, Marga van de Vegte-Bolmer, **Frank Mosha**, Geoffrey Targett, Eleanor M. Riley, Robert Sauerwein, Chris Drakeley. The Dynamics of Naturally Acquired Immune Responses to *Plasmodium falciparum* Sexual Stage Antigens Pfs230 & Pfs48/45 in a Low Endemic Area in Tanzania. **PLoS ONE** 5(11): **2010**
- 6.65** Cairns M, Gosling R, Carneiro I, Gesase S, Mosha JF, Hashim R, Kaur H, Lemnge M, **Mosha FW**. Greenwood B, Chandramohan D. Duration of protection against clinical malaria provided by three regimens of intermittent preventive treatment in Tanzania infants. **PLOS ONE**, 5(3),947, **2010**
- 6.66** Mwanziva, C, Mpina, M, Balthazar S. Mkali, H, Mbugi, E, **Mosha, F**, Chilongola, J Child hospitalization due to severe malaria is associated with the ICAM-1 Kilifi allele but not adherence patterns of *Plasmodium falciparum* infected red cells to ICAM-1 **Acta Trop.** 116(1): 45-50, **2010**
- 6.67** Mwanziva, C; Daou, M; Mkali, H; Masokoto, A; Mbugi, E; Shekalaghe, S. **Mosha, F**; Chilongola. High prevalence of anaemia in pastoral communities in Kilimanjaro Region: malnutrition is a primary cause among Masai ethnic group. **Ann. Biol. Res.** 1 (2) 221, **2010**
- 6.68** Oxborough R, Kitau, C, Matowo, J, Mdeme, R, Feston, E, Boko, P, Odijo, A, Mentonou, C, Irish, S, Guessan, R. **Mosha, F**, Rowland, M.
Evaluation of indoor residual spraying with pyrethroid insecticide chlorfenapyr against pyrethroid resistant *Anopheles arabiensis* and pyrethroid-resistant *Culex quinquefasciatus* mosquitoes. **Trans R. Soc. Trop. Med & Hyg.** 104, 639-645. **2010**
- 6.69** Kabula, B., Derua, Y. A., Tungu, P., Massue, D. J., Sambu, E., Stanley, G., **Mosha, F.** W. and Kisinza, W. N. Malaria entomological profile in Tanzania from 1950 to 2010 : a review of mosquito distribution, vectorial capacity and insecticide resistance. **Tanzania Journal of Health Research**, 13 (1). 2011
- 6.70** Kweka, EJ; Zhou, G; Lee, MC; Gilbreath, TM; **Mosha, FW**; Munga, S; Githeko, AK; Yan,

- G. Evaluation of two methods of estimating larval habitat productivity in Western Kenya highlands. **Parasit. Vectors**, 4, 110, **2011**
- 6.71** Kweka, EJ; Nyindo, M; **Mosha, F.** Insecticidal activity of the essential oil from fruits and seeds of *Schinus tibrinthifolia* Raddi against malaria vectors. **Parasit. Vectors**, 4: 129, **2011**
- 6.72** Kweka, JK; Owino, EA; Mwang'ode BJ, Mahande, AM; Nyindo, M; **Mosha, F.** The role of cow urine in the oviposition site preference of *Culicine* and *Anopheles* mosquitoes. **Parasit.Vectors**, 4:184, **2011**
- 6.73** Mwanziva, C, Manjurano,A; Mbugi, E; Mweya, C; Mkali, H;Kivuyo, M; Sanga, A; Ndaro, A; Chambo, W;Mkwizu, A; Kitau, J; Kavishe, R; Dolmans, W; Chilongola, J; **Mosha, F.** Defining malaria burden from morbidity records, self treatment practices and serological data in Magugu, Babati District, Northern Tanzania. **Tanz. J. Hlth Res.** 2(13), **2011**
- 6.74** Mwanziva, C; Tungu, PK; Mweya, C.M; Mkali, H; Ndege, CM; Sanga, A; Mtabho,C; Lukwaro, C; Azizi, S; Myamba,J; Chilongola, J;Magesa, SM, Shekalaghe, S; **Mosha,FW.** Transmission intensity and malaria vector population structure in Magugu,Babati District, Northern Tanzania. **Tanz. J Hlth. Res.** 1(13) **2011**
- 6.75** Shakalaghe, S; Drakeley, C; Bosch, S; Break,R; Bijlaardt, W; Mwanziva,C; Semvua, S; Masokoto, A; **Mosha, F;** Teeln, K; Hernsen,R, Okell, L; Gosling, R; Sauerwein, R;Bousema. A cluster- randomized trial of mass administration with gametocytocidal drug combination to interrupt malaria transmission in al ow endemic area in Tanzania. **Mal. J.**10-27, **2011**
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