

**SECTION 9****Medical & Veterinary Entomology**

CONVENORS: Maureen Coetzee (RSA), Theuns C. van der Linde (RSA) and Willem Takken (The Netherlands)

**11 July 2008**

SESSION NO. 2

Symposium Reference No.	<b>9.08</b>	<b>Genetics, bio-informatics and genomics</b>	Room No:	MR 12CD
Symposium Organisers:	Wayne Hunter (USA) & George Christophides (UK)			

Order	Start	Abstract No.	Presentation Title	Presenting Author
1	09:00	3399	<b>VectorBase: a bioinformatics resource for the analysis and display of vector genomes</b> Authors Frank Collins	Frank Collins
2	09:30	2204	<b>Hymenoptera Genome Database: Annotation of the honey bee and jewel wasp genomes</b> Authors Christine Elsik Justin Reese Christopher Childers	Christine Elsik
3	09:45	3135	<b>Resistance to human pathogens through the manipulation of mosquito immune pathways</b> Authors Lindsey Garver Jose Ramirez Yuemei Dong	George Dimopoulos
4	10:00	3108	<b>Genome Evolution of Wolbachia from Culex quinquefasciatus mosquitoes</b> Authors Steven Sinkins Lisa Klasson Thomas Walker	Steven Sinkins
5	10:15	3247	<b>Comparative and functional genomics of disease vector mosquitoes</b> Authors Geoge Christophides	Geoge Christophides

SESSION NO. 3

Symposium Reference No.	<b>9.015</b>	<b>Tea Break</b>	Room No:	Hall 3ABC
Symposium Organisers:				

Order	Start	Abstract No.	Presentation Title	Presenting Author
0	10:30	0	<b>Tea Break</b> Authors	Tea Break

SESSION NO. 4

Symposium Reference No.	<b>9.08</b>	<b>Genetics, bio-informatics and genomics</b>	Room No:	MR 12CD
Symposium Organisers:	Wayne Hunter (USA) & George Christophides (UK)			

Order	Start	Abstract No.	Presentation Title	Presenting Author
6	11:00	3240	<b>Genetic control of mosquitoes</b> Authors Luke Alphey	Luke Alphey
7	11:15	3269	<b>Response of two mosquito heat shock proteins to environmental stress</b> Authors Joshua Benoit Giancarlo Lopez-Martinez David Denlinger	Joshua Benoit
8	11:30	3176	<b>Towards a gene drive system in Anopheles mosquitoes using homing endonuclease genes</b> Authors Philippos Papathanos Nikolai Windbichler Andrea Crisanti	Philippos Papathanos
9	11:45	3046	<b>Genetic composition of major malaria vectors and their involvement in malaria transmission in two ecological zones in North Central Nigeria</b> Authors Kolade Ibrahim Tonye Grace Okorie Guiyun Yan	Kolade Ibrahim
10	12:00	3470	<b>Comparative sequence analysis of silkworm Bombyx mori (L.) coded sequences (CDS) with whole genome of bacteria</b> Authors M Pradap V Parthasarathy Selvisabhanayakam .	M Pradap

SESSION NO. 5

Symposium Reference No.	<b>9.026</b>	<b>Lunch Break &amp; Posters</b>	Room No:	Hall 3ABC
Symposium Organisers:				

Order	Start	Abstract No.	Presentation Title	Presenting Author
0	12:30	0	<b>Lunch Break &amp; Posters</b> Authors	Lunch Break & Posters

SESSION NO. 6

Symposium Reference No.	<b>9.032</b>	<b>Selected Contributions 9C</b>	Room No:	MR 21ABC
Symposium Organisers:				

Order	Start	Abstract No.	Presentation Title	Presenting Author
11	14:00	3452	<b>Attraction of Amblyomma variegatum to the attraction-aggregation-attachment pheromone (AAP) blended with 1-octen-3ol in the presence or absence of carbon dioxide</b> Authors A Toure R Maranga A Hassanali	R Maranga

12	14:15	1559	<b>Studies on pediculosis in Poland</b> Authors Aleksandra Gliniewicz Bozena Sawicka Elzbieta Kedra	Aleksandra Gliniewicz
13	14:30	3328	<b>Impact of mattress rotation and vacuuming on allergen levels and dust mite populations</b> Authors Giancarlo Lopez-Martinez Glen Needham	Glen Needham
14	14:45	1985	<b>Assessment of blackfly (Diptera: Simuliidae) abundance along the Vaal and Orange Rivers in South Africa with reference to potential biological control approaches</b> Authors Chantel de Beer Solly Boikanyo Karin Kappmeier Green	Chantel de Beer
15	15:00	1690	<b>Fast acting insecticides: Novel utilization in vector control</b> Authors Kamlesh Chauhan Thanh Le Ulrich Bernier	Kamlesh Chauhan
16	15:15	1037	<b>Ecosocial implications of cattle health improvement based on adaptive management of arthropod transmitted diseases</b> Authors Gianni Gilioli Getachew Tikubet Andrea Sciarretta	Gianni Gilioli

Symposium Reference No.	<b>9.09</b>	<b>Global repellent research</b>	Room No:	MR 12CD
Symposium Organisers:	Mustapha Debboun (USA) & Rajendra Maharaj (RSA)			

Order	Start	Abstract No.	Presentation Title	Presenting Author
17	14:00	890	<b>Non-host repellents for arthropod vectors of pathogens: evolutionary aspects and practical exploitation</b> Authors John Pickett Michael Birkett Ahmed Hassanali	John Pickett
18	14:30	550	<b>Insect repellents and personal protection as components of integrated disease management</b> Authors Daniel Strickman Mustapha Debboun	Mustapha Debboun
19	14:45	156	<b>Natural repellents from human hosts against biting insects</b> Authors James Logan Michael Birkett Gregor Devine	James Logan
20	15:00	33	<b>Managing mosquito threats using personal protection strategies: Living with mosquitoes in northern New South Wales, Australia</b> Authors David Durrheim Cameron Webb Richard Russell	David Durrheim
21	15:15	869	<b>Clinical evaluation of plant-based insect repellents against malaria in the Bolivian Amazon and coils in China</b> Authors Nigel Hill	Nigel Hill

SESSION NO. **7**

Symposium Reference No.	<b>9.021</b>	<b>Tea Break</b>	Room No:	Hall 3ABC
Symposium Organisers:				

Order	Start	Abstract No.	Presentation Title	Presenting Author
0	15:30	0	<b>Tea Break</b> Authors	Tea Break

SESSION NO. **8**

Symposium Reference No.	<b>9.032</b>	<b>Selected Contributions 9C</b>	Room No:	MR 21ABC
Symposium Organisers:				

Order	Start	Abstract No.	Presentation Title	Presenting Author
22	16:00	445	<b>The effect of the entomopathogenic fungi Beauveria bassiana and Metarhizium anisopliae against the major malaria vector Anopheles funestus Giles</b> Authors Joel C. Mouatcho Joel C. Mouatcho Basil D. Brooke	Joel C. Mouatcho
23	16:15	180	<b>Effect of temperature on toxicity and persistence of Artemisia annua against Anopheles stephensi larvae</b> Authors Preeti Sharma Rawat Lalit Mohan C. N. Srivastava	Preeti Sharma Rawat
24	16:30	3401	<b>Increasing coverage of ITNs: the role of second-hand treated materials</b> Authors Daniel Boakye Michael Wilson John Ogecha	Daniel Boakye
25	16:45	1568	<b>The influence of larval stage and density on oviposition site selection behaviour of the Afro-tropical malaria mosquito Anopheles gambiae Giles sensu stricto</b> Authors Victor Mwingira Jeroen Spitzen Leonard Mboera	Victor Mwingira
26	17:00	3549	<b>Recent increase of water hyacinth in Lake Victoria and reduction of lake water level increased breeding habitats for Anopheles funestus</b> Authors Noboru Minakawa Gorge Sonye Gabriel O. Dida	Noboru Minakawa
27	17:15	3077	<b>Investigation of forensically-important myiasis flies species in Shiraz: Identification and regional distribution</b> Authors Mohammad-Djaefar Moemenbellah-Fard Sarah Mohammadzadeh	Mohammad-Djaefar Moemenbellah-Fard

Symposium Reference No.	<b>9.09</b>	<b>Global repellent research</b>	Room No:	MR 12CD
Symposium Organisers:	Mustapha Debboun (USA) & Rajendra Maharaj (RSA)			

Order	Start	Abstract No.	Presentation Title	Presenting Author
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28	16:00	817	<b>Chemically-Induced anosmia in mosquitoes: A novel way to prevent host finding</b> Authors Ulrich Bernier Kamlesh Chauhan Daniel Kline	Ulrich Bernier
29	16:15	38	<b>A natural bridged tricyclic sesquiterpene, (-)-Isolongifolenone, is a repellent against ticks and mosquitoes</b> Authors Aijun Zhang Shifa Wang Jerome Klun	Aijun Zhang
30	16:30	1005	<b>Potential of repellents in the control of tsetse and other disease vectors</b> Authors Rajinder Saini Ahmed Hassanali	Rajinder Saini
31	16:45	3136	<b>A novel experimental hut assay to test spatial repellency</b> Authors Sarah Moore Nicodem Govella Benjamin Fuhrer	Sarah Moore
32	17:00	3132	<b>Medium range olfactory responses of the malaria vector, Anopheles gambiae to synthetic odour blends</b> Authors Fredros Okumu Sarah Moore	Fredros Okumu
33	17:15	842	<b>Next generation repellents of public health value</b> Authors Scott P Carroll	Scott P Carroll

27 June 2008