

**ISRAELI SOCIETY FOR PARASITOLOGY, PROTOZOOLOGY
AND TROPICAL DISEASES**

ANNUAL MEETING

AND

SEVERE MALARIA WORKSHOP

MAALE HAHAMISHA, DECEMBER 13-14, 2006

Wednesday, December 13, 2006

08:00 - 09:00	Registration
09:00 - 10:30	Session: 1 - New Targets for Malaria Chemotherapy
09:00 - 09:20	Introduction (Schwartz E., Golenser J., Hunt N.)
09:20 - 09:40	Pollack Y. (Israel): Differential, positional-dependent transcriptional Response of <i>var</i> genes to biological stress
09:40 - 10:00	Ginsburg H. (Israel): Pharmacogenomics approach to targeting the AT-rich malaria parasite genome with AT-specific alkylating drugs
10:00 - 10:20	Schumann R. (Germany): The role of genetic variations in toll-like receptors (TLRs) in susceptibility and course of malaria
10:20 - 10:30	Discussion
10.30 - 10:45	Break
10:45 - 12:50	Session: 2 - Severe Malaria
10:45 - 11:05	Doumbo O. (Mali): Risk and protective factors of severe malaria in Mali: The Role of erythrocyte polymorphisms, HbA, HbS, HbC, and G6PD
11:05 - 11:35	Van Der Heyde H. (USA): Low nitric oxide bioavailability contributes to the development of experimental cerebral malaria
11:35 - 12:05	Anstey N. (Australia): Nitric oxide, arginine and endothelial function in severe malaria
12:05 - 12:35	Craig A. (UK): Post-adhesive processes in <i>P.falciparum</i> cytoadherence
12:35 - 12:50	Discussion
12:50 - 14:00	Lunch

14:00 - 15:45	Session: 3 - Severe Malaria
14:00 - 14:30	Grau G. (Australia): Immunopathology of cerebral malaria: cell-cell interactions, magnetic resonance imaging and importance of microvesiculation
14:30 - 15:00	Hunt N. (Australia): Early immune system response to infection, and chemokines: relationship to murine cerebral malaria
15:00 - 15:30	Stins M. (USA): Activation of human blood brain barrier endothelium by the <i>P.falciparum</i> infected erythrocyte
15:30 - 15:45	Discussion
15:45 - 16:00	Break
16:00 - 17:45	Session: 4 - Severe Malaria
16:00 - 16:20	Lackner P. (Austria): Apoptosis in experimental CM- spatio-temporal profile of cleaved caspase-3 and ultrastructural alterations
16:20 - 16:50	Renia L. (France): Regulation of leukocyte and parasite sequestration to the brain during experimental CM
16:50 - 17:10	Golenser J. (Israel): Immune intervention for treatment of severe malaria
17:10 - 17:30	Wiese L. (Denmark): Erythropoietin treatment increases survival and reduces neuronal apoptosis during murine cerebral malaria
17:30 - 17:45	Discussion

Thursday, December 14, 2006

08:00 - 09:00	Registration
09:00 – 11:00	Session: 1 [in Hebrew]: Molecular Parasitology
09:00 – 09:30	Berger S.A. A global, Web-based system for disease simulation, teaching and informatics in the field of clinical parasitology.
09:30 – 09:45	Molad T., Michaeli S. and Shkap V. Molecular comparison between <i>Anaplasma marginale</i> and <i>A. centrale</i> .
09:45 – 10:00	Rosenzweig D, Smith D, Olafson R. and Zilberstein D. iTRAQ proteomic analysis of <i>Leishmania donovani</i> differentiation time-course.
10:00 - 10:15	Ben David M. and Shapira M. RNA structure as a thermosensor that directs preferential translation of HSP83 in <i>Leishmania</i> .
10:15 – 10:30	Milman N., Motyka, S.A., Englund, P.T. and Shlomai, J. The UMS binding protein is essential for the segregation of nuclear and kinetoplast DNA molecules.
10:30 – 11:00	Discussion

09:00 – 11:00	Session: 2 [in Hebrew]: Travel Medicine (Parallel session)
09:00 – 09:20	Leshem Y. Acute Mountain Sickness.
	<i>Debates in travel medicine</i>
09:20 – 09:40	Meltzer E. Poliovirus in the 21st century – Who needs the vaccine?
09:40 – 10:00	Steinlauf S. Malaria prophylaxis in travelers to Asia.
10:00 – 10:20	Paz A. Rabies prophylaxis.
10:20 – 10:30	Discussion
10:30 – 10:50	Anis E. and Goldmann, D. Ministry of Health guidelines for international travel – update.
10:50 – 11:00	Discussion
11:00 – 11:15	Break
11:15 – 13:15	Session: 3 [in Hebrew] - General Parasitology
11:15 – 11:30	<u>Fish L., Mazuz M., Savitsky I., Molad T., Fleiderovich L., Leibovits, B., Krigel Y. and Shkap V.</u> First Israeli isolates of <i>Neospora caninum</i> : isolation, identification and maintenance.
11:30 – 11:45	<u>Mor-Ofer K., Flescher E. and Gold D.</u> Jasmonates: cytotoxic effects towards the amitochondrial parasite <i>Trichomonas vaginalis</i> .
11:45 – 12:00	<u>Grekin L., Cohen R., Fishelson Z and Gold D.</u> The possible role of paramyosin from the blood fluke <i>Schistosoma mansoni</i> in protection from the complement system.
12:00 – 12:15	<u>Shtern A. Cohen N. Dahan N. and Warburg A.</u> Laminin and a <i>Plasmodium</i> ookinete surface protein prevent melanotic encapsulation of Sephadex beads in the hemocoel of mosquitoes.
12:15 – 12:30	<u>Orshan L., Szekely D., Khalfa Z., Ettinger G. and Valinsky L.</u> Two years study of phlebotomine sand flies in Maale Adummim - population dynamics, Leishmania infection rates, hosts and outdoor control attempts.
12:30 – 12:45	<u>Greenberg Z.</u> The League of Nations Malaria Commission to Palestine in 1925 and the gloomy end to its visit.
12:45 – 13:00	<u>Mumcuoglu K.Y.</u> Entomophobia and delusional parasitosis.
13:00 – 13:15	Discussion

11:15 – 13:15	Session: 4 [in Hebrew] - Tropical Medicine (Parallel session)
11:15 - 11:30	El-On Y. Exotic parasitic diseases at Soroka University Medical Center.
	<i>Diarrheal diseases in Travelers</i>
11:30 – 11:45	Potasman I. Hygiene rules and travelers diarrhea.
11:45 – 12:00	Stermer E. Irritable Bowl Syndrome post traveller diarrhea.
12:00 – 12:15	Schwartz E. Chronic diarrhea in returning travelers.
	<i>Case reports</i>
12:15 – 12:25	Assous M., Sprecher H., Goldstein M., Cohen T. and Marva E. A rare case of <i>Plasmodium ovale</i> proven by molecular methods
12:25 – 12:35	Elinav H. Unexplained fever after returning from Africa.
12:35 – 12:45	Moses A. Malaria in pregnant women.
12:45 – 12:55	Discussion
12:55 – 13:15	Alkan M.L. The impact of AIDS treatment in the third world: an Israeli perspective.
13:15 - 14:15	Lunch
14:15 - 14:30	General assembly
14:30 - 16:30	Session: 5 - Malaria and Pregnancy
14:30 - 15:00	Duffy P. (USA): Pathological effects of pregnancy malaria on mother and offspring
15:00 - 15:30	Fried M. (USA): Malaria and the pregnant host
15:30 - 15:50	Onyenekwe C. (Nigeria): Prevalence of malaria parasitaemia and its biochemical implication in pregnant women in Sub-Saharan Africa
15:50 - 16:20	Klinkert M. (Germany): The impact of IgG antibodies to recombinant 732var CIDR-1α domain in pregnant women and their newborn infants
16:20 - 16:30	Discussion
16:30 - 16:45	Break
16:45 - 18:00	Session: 6 - Severe Malaria – Clinical aspects
16:45 - 17:05	Schwartz E. (Israel): Clinical aspects of severe malaria
17:05 - 17:25	Bhattacharya N. (India): Cord blood transfusion as an additional support in CM
17:25 - 17:45	Schmutzhard E. (Austria): Adjunctive Therapy of cerebral malaria – a critical review of current practice and recommendations
17:45 - 18:00	Discussion & Closure remarks