

SCIENTIFIC PROGRAM

Monday, December 10, 2007

- 08:00 - 09:00 **Registration**
- 09:00 - 10:45 **Session 1: *Leishmania* (Molecular biology)**
- Chair: Ketty Soteriadou & Charles Jaffe**
- 09:00 – 09:35 **Debbie F. Smith, D. Depledge, K. Evans, J. Hilley, A. Maroof, S. Oyola, J.C. Mottram and P.M. Kaye (UK). Comparative functional genomics of *Leishmania* species**
- 09:30 – 09:55 **Dan Zilberstein (Israel). *Leishmania donovani* metabolic retooling for life in a new host**
- 09:55 – 10:15 **Miriam Ben-David, Yael Yoffe, Idan Gabdank and Danny Barash and Michal Shapira (Israel). RNA thermosensors and translation regulation in *Leishmania***
- 10:15 – 10:35 **Neta Milman, Dotan Sela, Shawn A. Motyka, Paul T. Englund, Derrick Robinson, Nurit Yaffe, Irit Kapeller and Joseph Shlomai (Israel, USA, France). Mitochondrial origin binding protein UMSBP mediates DNA replication and segregation in trypanosomes**
- 10:40 - 11:00 **Break**
- 11:00 - 12:45 **Session 2: *Leishmania* (New targets for vaccines & drugs)**
- Chair: Paul Bates & Lionel Schnur**
- 11:00 – 11:15 **Charles Greenblatt (Israel). The leishmaniasis experience revisited**
- 11:15 – 11:45 **Nathan Peters, Jackson Egen, Alain Debrabant, Susanne Nylen, Nicola Kimblin, Ron Germain and David Sacks (USA). Modulation of vaccine-induced immunity against cutaneous leishmaniasis by vector sand flies**
- 11:45 – 12:15 **Alessandro Ubaldi, Ying Zhu, Peter Walsh, Joan Curtis, Alena Zikova, Ken Stuart and Emanuela Handman (USA & Australia). Opportunities for drug development in the post genomic era: mining the *Leishmania* genome for novel drug targets**
- 12:15 – 12:45 **Evangelia Xingi and Ketty Soteriadou (Greece). Indirubins as potent and selective inhibitors of the protozoan parasite *Leishmania donovani***

12:45 - 13:45	Lunch
13:45 - 15:15	Session 3: Leishmania (New drug development)
	Chair: Joseph El-On & Moshe Ephros
13:45 – 14:05	Alan J. Magill (USA). The US Military Infectious Disease Research Program (MIDRP) Leishmaniasis Research Program Update: The Therapeutics Portfolio
14:05 – 14:20	<u>George D. Thorne</u>, Philip L. Smith, Alan J. Magil and Max Grogl (USA). Clinical development of topical paromomycin cream for the treatment of cutaneous leishmaniasis
14:20 – 14:40	<u>Jacob Golenser</u> and Abraham Domb (Israel). Immune intervention in leishmaniasis
14:40 – 14:55	<u>L. Ozer</u>, A. Golan-Goldhirsh, J. Gopas, R. Sneir, H. Enav, N. Luft, G. Davidov and J. El-On (Israel). <i>Leishmania major</i>: Characterization and anti-leishmanial activity of Israeli plant extracts against promastigotes and amastigotes
14:55 – 15:10	<u>Eli Schwartz</u>, Michal Solomon and Sharon Baum (Israel). Liposomal amphotericin B (AmBisome) for the treatment of cutaneous leishmaniasis due to <i>Leishmania braziliensis</i>
15:10 – 15:15	Discussion
15:15 – 15:30	Break
15:30 - 17:25	Session 4: Leishmania (Vector biology and transmission)
	Chair: Seray Ozensoy-Toz & Itamar Grotto
15:30 – 16:00	<u>Paul A Bates</u>, Ray Wilson, Michelle D Bates and Anna Svarovska (UK). Stage-specific attachment of <i>Leishmania</i> promastigotes to the gut epithelium in permissive vectors
16:00 – 16:15	Alon Warburg (Israel). Transmission cycles of cutaneous leishmaniasis in the Galilee, Northern Israel
16:15 – 16:30	<u>Olga Vinitsky</u>, Hamza Habiballa, Irina Merimson and Michal Cohen-Dar (Israel). An outbreak of the cutaneous leishmaniasis in Tiberias – An epidemiological approach for planning and evaluation of the intervention toward control of the disease
16:30 – 16:45	Laor Orshan (Israel). Perspectives of sand fly control in the Judean Desert
16:45 – 17:15	Mark L. Wilson (USA). Spatial analyses to improve understanding of infectious disease epidemiology
17:15 – 17:25	Discussion
17:25	Closing of the first day and Hanukah candle lightening

Tuesday, December 11, 2007

08:00 - 09:00 **Registration**

Parallel sessions

9:00 - 10:30	Session 5: General parasitology	Session 7: Travel medicine
10:30 - 10:45	Break	Break
10:45 - 12:15	Session 6: Vector-borne diseases	Session 8: Tropical medicine

Session 5: General parasitology

Chair: Yaakov Pollack & Kosta Y. Mumcuoglu

09:00 – 09:25	Ron Dzikowski (Israel). A <i>var</i> specific nuclear factor is involved in transcriptional activation of virulence genes in the malaria parasite <i>Plasmodium falciparum</i>
09:25 – 09:40	<u>Tal Lavi</u>, Rama Siman Tov and Ankri Serge (Israel). Characterization of a DNA methylated binding complex in the protozoan parasite <i>Entamoeba histolytica</i>
09:40 – 09:55	<u>M. L. Mazuz</u>, T. Molad, L. Fish, B. Leibovitz, Y. Krigel, L. Fleiderovich and Varda Shkap (Israel). Polymorphism of the single copy BV80 gene in <i>Babesia bovis</i> isolates from distinct geographical regions
09:55 – 10:10	Alon Silberbush, Shai Markman, Ephraim Lewinsohn, Joel E. Cohen and Leon Blaustein (USA & Israel). Predator-released kairomones repels oviposition by the mosquito <i>Culiseta longiareolata</i>
10:10 – 10:25	<u>Gil Stav</u>, Brian Byrd, Kenneth Swan and Dawn M. Wesson (USA & Israel). Mosquito oviposition and the aging effect
10:25 – 10:30	Discussion

Session 6: Vector-borne diseases

Chair: Gad Baneth & Avi Keysary

- 10:45 – 11:15 **Shimon Harrus (Israel). An update on ehrlichiosis and other rickettsial diseases in Israel – a veterinary perspective)**
- 11:15 – 11:45 **Dalia Berlin and Gad Baneth (Israel). Equine trypanosomiasis in Israel – A new diagnosis**
- 11:45 – 12:15 **Norbert Mencke (Germany). Control of ectoparasites and vector-borne diseases**

Session 7: Travel medicine

Chair: Iris Ostfeld & Israel Potesman

- 09:00 – 09:15 **Judith Berko-Ball (Israel). A profile of Israeli travelers to endemic countries: a national survey**
- 09:15 – 09:30 **Steinlauf S., Meltzer E., Leshem E., Schwartz E. (Israel). The profile of Israeli travelers – Travel clinic perspective**
- 09:30 – 09:50 **Laor Orshan (Israel). Personal protection measures for prevention of insect bites - efficacy and limitations**
- 09:50 – 10:05 **Eitan Ish-Toy, Drorit Attias & Eli Schwartz (Israel). Air-evacuations of Israeli travelers – analysis of 7 years**
- 10:05 – 10:25 **Emilia Anis and Daniele Goldmann (Israel). Ministry of Health guidelines for international travel – update 2006-7**
- 10:25 – 10:30 **Discussion**

Session 8: Travel & Tropical medicine

Chair: Mik Alkan & Michael Dan

- 10:45 – 11:15 **Alan J. Magill (USA). Management and treatment of malaria in the non-immune returning traveler: a 2007 update**
- 11:15 – 11:35 **Pamela Rendi-Wagner (Austria). Risk and prevention of tick-borne encephalitis in travelers**
- 11:35 – 11:55 **Eyal Leshem, Maor, Yasmin, Meltzer, Eyal, Assous, Marc Victor and Eli Schwartz (Israel). Acute schistosomiasis outbreak following a Safari trip to Tanzania**
- 11:55 – 12:15 **Michal Chowers (Israel). Complications of yellow fever vaccination: A case report and review of the literature**
- 12:15 - 12:30 **General Assembly**
- 12:30 - 13:30 **Lunch**

Parallel sessions

13.30 - 15:15 **Session 9: Leishmania (Epidemiology)** **Session 10: Leishmania (Veterinary)**

Session 9: Leishmania (Epidemiology)

Chair: Mark Wilson & Dani Cohen

13:30 – 13:50 **Aysegul Taylan-Ozkan (Turkey). Leishmania and HIV in the Mediterranean region**

13:50 – 14:05 **To be announced (Jordan). Leishmaniasis in the Jordanian army**

14:05 – 14:20 **S. Eraikat, Ahmad Amro, Kifaya Azmi, Abed Nasereddin, Ziad Abdeen (The Palestinian Authority). Epidemiology of visceral leishmaniasis in The Palestinian Authority**

14:20 – 14:35 **Salman Zarka, R. D. Balicer, E. Klement, R. Kayouf, T. Halperin, T. Sela, R. Ambar, M. Ephros, Y. Bar-Zeiv , N. Davidovitch, O. Ankol & N. Ash (Israel). Cutaneous Leishmaniasis among IDF soldier**

14:35 – 14:50 **Emilia Anis (Israel). The epidemiology of cutaneous leishmaniasis in Israel**

14:50 – 15:05 **Charles Greenblatt, Helen Donoghue, Mark Spigelman, Andreas Nerlich, María Inés Zylber and Albert Zink (Israel, UK, Germany & Italy). Ancient DNA-based pathogen research with emphasis on visceral leishmaniasis in Nubia and Egypt**

14:05 – 14:15 **Discussion**

Session 10: Leishmania (Veterinary)

Chair: Varda Shkap & Shimon Harrush

13:30 – 14:15 **Gad Baneth (Israel). New concepts on canine leishmaniasis**

14:15 – 14:45 **Mencke Norbert, Domenico Otranto, Paola Paradies, Riccardo Paolo Lia, Cinzia Cantacessi, Gioia Capelli and Dorothee Stanneck (Germany & Italy). Control of canine leishmaniasis**

14:45 – 15:15 **Seray Ozensoy Toz (Turkey). Human and canine leishmaniasis in Turkey: Updates**

15:15 - 15:30 **Break**

- 15:30-16:45 **Session 11: Leishmania (Clinical aspects and advanced methods for diagnosis)**
Chair: David Sacks & David Enk
- 15:30 – 15:50 **Alan J. Magill, Max Grogl, Farrukh Rizvi (USA). The US Military Infectious Disease Research Program (MIDRP) Leishmaniasis Research Program Update: The Diagnostics Portfolio**
- 15:50 – 16:05 **Charles Jaffe (Israel). Advances in molecular diagnosis of leishmaniasis**
- 16:05 – 16:20 **Hagit Bahar, Ortal Forkash & Carmi Bartal (Israel). Cutaneous leishmaniasis: A case study on *L. major* in Israeli soldiers**
- 16:20 – 16:35 **Michal Solomon, Sharon Baum, Aviv Barzilai, Henry Trau and Eli Schwartz (Israel). Treatment with Intra Lesional Pentostam for cutaneous leishmaniasis acquired in Israel**
- 16:35 – 16:45 **Discussion**
- 16:45 **Closure of the meeting and Hanukah candles lightening**