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ISRAEL SOCIETY FOR PARASITOLOGY, PROTOZOOLOGY AND TROPICAL DISEASES

Wednesday, December 17, 2008.

KFAR HAMACCABIAH, RAMAT GAN

08:30 - 09:00

Registration

9:00 - 10:45

Session 1: Travel medicine

Session 3: Leishmaniasis

10:45 - 11:15

Break

Break

11:15 - 13:00

Session 2: Tropical medicine

Session 4: Parasite resistance

13:00 – 14:00

Lunch

14:00 – 14:15

General Assembly

14:15 - 16:15

Session 5: Echinococcosis in Israel

09:00 – 10:45	Session 1: Travel Medicine
Chairpersons:	Dani Cohen & Iris Ostfeld
09:00 – 09:20	Pamela Rendi-Wagner (Austria) – The new Japanese encephalitis vaccine
09:20 – 09:40	Shmuel Stienlauf - Malaria incidence in Israeli travelers to Latin America: implications for malaria chemoprophylaxis
09:40 – 10:00	Michael Giladi – Controversies in vaccinations for travelers to developing countries
10:00 – 10:20	Michal Chowers – Vaccines: when a booster is needed?
10:20 - 10:40	Eyal Meltzer - The role of travel medicine in exploring helminthic diseases
10:40 – 10:45	Discussion
10:45 - 11:15	Break
11:15 – 13:00	Session 2: Tropical Medicine
Chairpersons:	Israel Potasman & Silvio Pitlik
11:15 – 11:35	Eyal Leshem - Leptospirosis in Israeli travelers
11:35 – 11:55	Drorit Attias - African tick bite fever: 8 cases of female Israeli travelers returning from a South African jeep expedition.
11:55 – 12:15	Eli Schwartz - Liposomal amphotericin B (AmBisome) for treatment of severe cutaneous leishmaniasis (<i>L. braziliensis</i> & <i>L. tropica</i>)
12:15 – 12:35	Natan Keller - False positive malaria diagnosis in cases of acute schistosomiasis
12:35 – 12:55	June Kopelowitz - Innovation in diagnosis of gastro-intestinal protozoan parasites
Session 3:	Leishmaniasis
Chairpersons:	Charles Jaffe & Joseph Shlomai
09:00 – 09:30	Jaco J. Verweij (The Netherlands) - Molecular diagnosis of Leishmania infections in a non-endemic setting
09:30 – 09:45	Adele Goldman - Arginine transport via LdAAP3 in <i>Leishmania donovani</i> is regulated by amino acids availability and the polyamine pathway
09:45 – 10:00	Ehud Inbar - Molecular and functional characterization of proline and lysine transporters from <i>Leishmania donovani</i>
10:00 – 10:15	Lilach Eliyahu) - Evaluation of a new sensitive diagnostic method for detecting anti-leishmanial antibodies in patients

sera using chemiluminescence and optical fiber immunosensor (OFIS) assays
10:15 – 10:30 Arik Kershenbaum - A preliminary mathematical model of the dynamics of the *Leishmania* parasite amongst migrating populations of rock hyrax
10:30 – 10:45 Alon Warburg - Emerging cutaneous leishmaniasis in Northern Israel

10:45 – 11:15 Break

Session 4: General parasitology

Chairpersons: Dani Gold & Alon Warburg

A. Parasite Resistance

11:15 – 11:35 Ron Dzikowski - Switching virulence genes - the malaria parasite perspective to achieve resistance against the human immune attack

11:35 – 11:55 Lital Ozer - *Leishmania major*: Anti-leishmanial and mechanism of activity of *Nuphar lutea* extract against promastigotes and intracellular amastigotes

11:55 – 12:15 Yael Yoffe - Evolutionary adaptation of the CAP binding complex in trypanosomatids to their CAP-4 structure

12:15 – 12:30 Elias Amlabu (Nigeria) - In vivo antimalarial activities of synthetic compounds PP-54 and PP-56 in mice infected with *Plasmodium berghei*

B. Parasitology

12:30 – 12:45 Gil Stav - Can copper lethal ovitraps be effective against the populations of the Asian tiger mosquito in Israel?

12:45 – 13:00 Monica L. Mazuz - Specific immune response in cattle to immunization with *Neospora caninum* SRS2 DNA and lipopeptides

13:00 – 14:30 Lunch

14:30 – 14:45 General Assembly

Session 5: Echinococcosis in Israel

Chairpersons : Gad Baneth & David Hasin

14:15 – 14:35 Alexander Markovics - Prevalence of echinococcosis-hydatidosis in Israel

14:35 – 14:50 Joseph El-On - Current status of the diagnosis and control of cystic echinococcosis

14:50 – 15:10 Jacob Nachmias – Medical treatment of Echinococcosis

15:10 – 15:25 Amitai Bickel – The surgical approach to echinococcal cysts

15:25-15:55 S. Kivity, E. Leshem & D. Hasin - Presentation of clinical cases

15:55-16:15 Panel discussion

16:15 – 16:20 Closure of the day 1



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

INTESTINAL PARASITE WORKSHOP

Thursday, December 18, 2008.

Weizmann Institute [Schmidt Auditorium]

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|----------------------|--|
| 08:30 - 09:30 | Registration |
| 09:30 – 09:40 | Opening remarks: Prof. Benny Geiger, Dean, Faculty of Biology, Weizmann Institute of Science |
| 09:40 - 11:10 | Session 1: <i>Entamoeba histolytica</i> (Molecular pathogenesis) |
| Chairperson | Michal Shapira |
| 9:40 – 10:10 | David Mirelman (Weizmann Inst.) –Manipulation of gene expression in <i>E. histolytica</i> |
| 10:10 – 10:30 | Rivka Bracha (Weizmann Inst.) - Transcriptional profiling of the amoebapore-silenced G3 trophozoites: analysis of a significantly up-regulated gene |
| 10:30 – 10:50 | Maya Huguenin (Weizmann Inst.) –Chromatin modifications in epigenetically silenced amoeba |
| 10:50 – 11:10 | Minerva Barrios-Ceballos (Weizmann Inst.) - An inverzincin (MP-16) from <i>Entamoeba histolytica</i> |
| 11:10 - 11:30 | Break |
| 11:30 – 12:30 | Session 2: <i>Entamoeba histolytica</i> (Molecular pathogenesis) |
| Chairperson: | Varda Shkap |
| 11:30 – 11:50 | Ayala Tovy (Technion)- Enolase interacts with <i>Entamoeba histolytica</i> cytosine-5 methyltransferases Dnmt2 homolog (<i>Ehmeth</i>) and modulates its substrate binding activity |
| 11:50 – 12:10 | Serge Ankri (Technion) - From DNA methylation to DNA methylation recognition: the unique <i>Entamoeba histolytica</i> epigenetic machinery |
| 12:10 – 12:30 | Sophie Katz (Technion) - Expression of <i>Entamoeba histolytica</i> methylated LINE binding protein EhMLBP under heat shock |

12.30 - 13:45	Lunch
13:45 - 15:15	Session 3: Human Amoebiasis
Chairperson	Eli Schwartz
13:45- 14:15	Elisabeth Labruyère (Inst. Pasteur, Paris) - The cysteine protease EhCP-A5 is essential for <i>Entamoeba histolytica</i> invasion and for inducing inflammatory responses in an ex-vivo human colon model
14:15 -14:45	Egbert Tannich (BNI, Hamburg, Germany) – Epidemiology and pathophysiology of amoebic liver abscesses
14:45 - 15:15	Jaco J. Verveij (Univ. Leiden, The Netherlands) – Molecular diagnosis of intestinal parasites in patient care and epidemiology
15:15 – 15:35	Break
15:35 - 16:50	Session 4: Intestinal parasites
Chairperson	Joseph El-On
15:35 - 15:50	Esther Marva (Ministry of Health) - Epidemiology of Giardiasis in Israel during 2001-2008
15:50 – 16:05	Khitam Muhsen (Tel Aviv Univ.) -Prevalence and correlates of <i>Giardia lamblia</i> carriage in young Israeli Arab children
16:05 – 16:20	Eti Granot (Kaplan & Hadassah Medical Centers) - Immune response to <i>Giardia lamblia</i> infection in infancy
16:20 - 16:35	Eli Schwartz (Tel Aviv Univ.) – Parasitic infection as a cause of chronic diarrhea in returning travelers
16:35 - 16:50	Meir Wilchek (Weizmann Inst.)- Allicin from garlic – an ancient remedy for infectious diseases revisited
16:50-17:00	Closure

POSTERS

B. Talis & L. Leventhal

The importance of routine culture media in the detection of amoebiasis