ISRAEL SOCIETY FOR PARASITOLOGY, PROTOZOOLOGY AND TROPICAL DISEASES

ANNUAL MEETING 2015

KFAR HAMACCABIAH, RAMAT GAN

DECEMBER 2nd 2015
08:00 - 09:00  Registration / Coffee & Refreshment

09:00 - 10:30  Session 1: Plenary lectures (Hall A)

Chair: Eli Schwartz

09:00 - 09:45  The current art of parasite diagnostics - a new tool in Global Health research - Lisette van Lieshout (Leiden, The Netherlands) (in English)

09:45 - 10:30  Following the recent Nobel Prize in Medicine: Artemisinin, past present and future – Hagai Ginsburg (Hebrew Univ. Jerusalem)

10:30 - 11:00  General assembly

Honoring Sanford Kuvin

Jeff Kuvin & Charles Greenblatt

11:00 - 11:30  Coffee break / Exhibitions / Posters

11:30 - 13:00  Parallel Sessions

Session 1:  Travel Medicine (Hall A)

Chairs: Bibiana Chazan & Eyal Nadir

11:30 – 11:45  Effectiveness of twice a week prophylaxis with Malarone® (Atovaquone-Proguanil) in long-term travelers to West Africa - Tamar Lachish, Maskit Bar-Meir, Neta Eisenberg & Eli Schwartz

11:45 – 12:05  High altitude exposure in travelers with preexisting medical conditions - Dalya Navot Mintzer, Eyal Leshem, Bibiana Chazan & Eli Schwartz

12:05 – 12:20  Air-evacuations of Israeli travelers: analysis of 10 years - Enbal Marhoom, Eytan Ish-Tov & Eli Schwartz

12:20 - 12:40  Middle East Respiratory Syndrome Coronavirus – The looming threat - Daniele Goldmann, Roee Singer & Emilia Anis
12:40 – 13:00  Humanitarian mission to Nepal, IDF's lessons learned from operating a field hospital – Tarif Bader (Head of the IDF Medical Team to Nepal)

Session 2:  Molecular Parasitology (Hall B)

Chairs: Joseph Shlomai & Charles Jaffe

11:30 – 11:45  Proteomic identification of oxidized proteins in the parasite *Entamoeba histolytica* by resin-assisted capture: Insights into the role of arginase in oxidative stress resistance - Preeti Shahi, Meirav Gefen, Shruti Nagajara, Sharon Alterzon-Baumel, Rivka Hertz & Serge Ankri

11:45 – 12:00  *Pf*SUN1a nuclear envelope protein of malaria parasite *Plasmodium falciparum* - Sofiya Kandelis-Shalev & Ron Dzikowski

12:00 – 12:15  Nutritional stress as a signaling factor in *Leishmania* - Rohit Shrivastava, Alexandra Zinoviev & Michal Shapira

12:15 - 12:30  Stepwise folding of the kinetoplast DNA network - Nurit Yaffe, Dvir Rotem, Danny Porath & Joseph Shlomai

12:30 – 12:45  Cell-cell communication between *Plasmodium* and host immune via exosomes - Yifat Ofir-Birin, Xavier Sisquella, Matthew A. Pimentel, Jocelyn Sietsma Penington, Anthony T. Papenfuss & Neta Regev-Rudzki

12:45 – 13:00  Schistosomal exosomal-miRNA as a diagnostic tool of human schistosomiasis - Tal Meningher, Yifat Ofir-Birin, Nadav Yotam, Galay Lerman, Devorah Wahnon, Daniel Gold, Yechezkel Sidi, Iddo Ben-Dov, Neta Regev-Rudzki, Dror Avni & Eli Schwartz

13:00 – 14:00  Lunch
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<th>Time</th>
<th>Session</th>
<th>Topic</th>
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<td>14:00 – 16:30</td>
<td>Parallel Sessions</td>
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<td>Session 3:</td>
<td>Tropical Medicine (Hall A)</td>
<td>Chairs: Galia Rahav &amp; Michal Chowers</td>
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<td>14:00 – 14:15</td>
<td>Imported mucosal leishmaniasis in travelers - Michal Solomon &amp; Eli Schwartz</td>
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<td>14:15 – 14:30</td>
<td>Hepatitis E virus in environmental and clinical samples in Israel - Daniela Ram, Yossi Manor, Yael Gozlan, Eli Schwartz, Ziv Ben Ari, Ella Mendelson &amp; Orna Mor</td>
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<td>14:30 – 14:45</td>
<td>D-dimer Levels in non-immune travelers with malaria - Eyal Meltzer, Shlomit Keller, Shmuel Stienlauf &amp; Eli Schwartz</td>
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<td>14:45 – 15:00</td>
<td>Strongyloides in Israel, data from 3 large laboratories - Tamar Grossman, Esther Marva, Amal Awad, Julia Vainer, Orly Sagi &amp; Eli Schwartz</td>
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<td>15:00 – 15:15</td>
<td>Health Education and WASH are essential for control of Neglected Tropical Diseases-an ongoing program in Ethiopia - Michal Bruck, Jemal Ali, Yirga Gebre Gezihar, Yonat Liss &amp; Zvi Bentwich</td>
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| 15:15 – 16:15| Case reports (10 min each) | It’s all in the family” and “Say it with flowers” – two illustrative cases of parasitic laboratory diagnosis - Lisette van Lieshout, Eric Brienen, Marianne Erkens, Bettie Voordouw, Liz Terveer & Meta Roestenberg
- A young man returning from Thailand with fever and hypotension and respiratory distress– Case presentation – M. Golos, D. King, A. Neuberger & Eli Schwartz
- A case report of relapsing fever - Esther Marva, Orna Nitzan, Yaarit Nachum-Biala, Avi Peretz, Tamar Grossman, Gabriela Kleinerman & Gad Baneth”
- Cutaneous gnathostomiasis in an Israeli traveler: Case report and literature review of travel-related cases - Yael Paran, Oren Katz, Steve Berger, Tamar Brufman & Eli Sprecher
- South American Leishmaniasis in a traveler – from cutaneous to mucosal involvement: A case report and review of the literature - Oren Katz, Yael Paran & Eli Sprecher |                                                                            |
| 16:15 – 16:30| Helminthes and HIV co-infections –what should we do about it? - Zvi Bentwich                     |                                                                                   |                                                                            |
| Session 4:   | General Parasitology (Hall B)                                                                   |                                                                                   |                                                                            |
Chairs: Yehuda Braverman & Michael Samish

14:00 – 14:15 What caused the death of people in Jerusalem during the First World War? - Zalman Greenberg

14:15 – 14:30 Malaria Parasite Metabolic Pathways (MPMP) upgraded with targeted chemical compounds - Hagai Ginsburg & Alyaa M Abdel-Haleem

14:30 – 14:45 Treatment of Schistosoma mansoni-infected mice using the anti-malarial artemisone. Jacob Golenser, Maysa Jbarien, Mohammed Alyan, Avi Domb & Daniel Gold

14:45 – 15:00 Cross-sectional study of Borrelia persica in argasid ticks in Israel – Gabriela Kleinerman, Y. Nachum-Biala, Tom Ashed, Kosta Y. Mumcuoglu & Gad Baneth

15:00 – 15:15 Environmental risk factors for Spotted Fever Group Rickettsiae in Israel - Jessica Rose¹,* , Yaarit Nachum-Biala¹,* , Kosta Y. Mumcuoglu², Adi Ben-Nun³, Itamar Lensky⁴, Eyal Klement¹, Abed Nasereddin⁵, Ziad A. Abdeen⁵, Shimon Harrus¹

15:15 – 15:30 The prevalence of equine piroplasmosis parasites in different tick species infesting horses in Israel - Sharon Tiros-Levy, Yuval Gottlieb, Anat Einhorn, Dmitry A. Apanaskevich, Kosta Y. Mumcuoglu & Amir Steinman

15:30 – 15:45 Phylogenetic characterization of Theileria equi species based on the 18S rRNA gene in horses in Israel, the Palestinian Authority and Jordan - Dafna Ketter-Ratzon, Sharon Tiros-Levy, Yaarit Nachum-Biala, Tal Saar, Lara Qura’n, Doni Zivotofsky, Ziad Abdeen, Gad Baneth & Amir Steinman

15:45 - 16:00 Development and application of molecular tools for B. ovis detection in sheep and ticks - Oran Erster, Asael Roth, Ricardo Wolkomirsky, Benjamin Leibovich, Igor Savitzky, Shmuel Zamir, Thea Molad & Varda Shkap

16:00 – 16:15 Studies on infectivity, embryonation and hatching of Spirocerca lupi eggs - Alicia Rojas, Niva Fredberg, Alex Markovics, Yuval Gottlieb & Gad Baneth

Poster Presentations:

1. Effect of contact lens disinfecting solution on Acanthamoebae: a comparison between two active ingredients - Shmuel Graffi, Danielle Badash, Nina Pastukh and Avi Peretz
2. Imaging of cerebral malaria - Jacob Golenser, E. Portnoy, N. Vakruk, S. Magdassi & S. Eyal
3. The eIF3 complex of Leishmania-subunit composition and mode of recruitment to different cap-binding complexes - Shimi Meleppatu, Dikla Kamus-Elimeleh, Alexandra Zinoviev, Shahar Cohen-Mor, Irit Orr & Michal Shapira