



האוניברסיטה העברית בירושלים
THE HEBREW UNIVERSITY OF JERUSALEM

UNIVERSITÄT HOHENHEIM



P R O G R A M

Anniversary Workshop

Partnership University of Hohenheim – Hebrew University of Jerusalem

50 Years Diplomatic Relations between Germany and Israel

**25 + Years Partnership Program with the Robert H. Smith Faculty of
Agriculture, Food and Environment, Rehovot**

9.7.2015

Partnership Workshop

Hohenheim Castle

09:00 – 11:30h Moderator: Prof. Dr. Heinz Breer

09:00 – 10:20h Presentation of research results from ongoing tandem projects

- Dr. Dalit Sela-Donenfeld / Prof. Dr. Martin Blum
“Nuclear matrix metalloproteases: investigation of novel physiological functions in chicken and frog embryonic neural crest cells”
- Prof. Dr. Yuval Gottlieb-Dror / Prof. Dr. Johannes Steidle
“The role of *Wolbachia* in speciation of the parasitoid wasp *Lariophagus distinguendus*”
- Dr. Smadar Harpaz Saad, Prof. Dr. Alon Samach / Prof. Dr. Jens Wünsche
“Internal factors controlling reproductive rate in fruit trees”
- Prof. Dr. Jaap van Rijn / Prof. Dr. Walter Vetter
Establishing conditions for the generation of valuable furan fatty acids in fish grown in an zero discharge aquaculture system”

10:20 – 10:50h Dr. Simone Heil: “The Alexander von Humboldt Foundation - Networks of Excellence: Programmes and Initiatives for Israel”

10:50 – 11:30h Coffee Break and Students’ Poster Session

- Adi Moshe, R. Gorovits, Y. Liu and H. Czosnek: “Tomato plant cell death induced by inhibition of HSP90 is alleviated by tomato yellow leaf curl virus infection”
- Adi Kliot, H. Czosnek and M. Ghanim: “Transcriptomics of tritrophic interactions between whiteflies, viruses and bacterial symbionts”
- Shlomit Guy, V. Yashunsky, H. Chayet and I. Braslavsky: “Controlling ice growth using selective infrared radiation”
- Yoni Genzer, M. Dadon, C. Burg, N. Chapnik, O. Froy: “Timed high-fat diet counteracts the disruptive effect of ketogenic diet on circadian brain-derived neurotrophic factor (BDNF) expression and associated signaling”
- Ayelet Kohl, A. Klar, D. Sela-Donenfeld: “Hindbrain dorsal interneurons - molecular regulators that govern their circuit formation”

- Amnon Haberman, M. Ackerman, J.-J. Kelner, E. Costes, and A. Samach: “Apple fruit may inhibit development of following year’s inflorescences through induction of a flowering repressor”
- O. Shemer, Udi Landau, H. Candela, A. Zemach and L. Eshed-Williams: “Competency for shoot regeneration from Arabidopsis root explants is regulated by DNA methylation”
- Racheli Bochnik-Tamir, Z. Hayouka: ” Designing novel antibiotics against Staphylococcus aureus”
- Dorit Levy, E. Gdor, D. Mandler and O. Shoseyov: “Electrodeposition of Ag nanoparticles using SP1 nanopore as template”
- Indira Paudel, S. Cohen, A. Shaviv, N. Bernstein, A. Schwartz and J. Ephrath: “Effects of treated wastewater irrigation on phenotypic plasticity of root characteristics of citrus in two contrasting soils”

11:30 – 13:00h Presentation of new proposals for tandem projects

Moderator: Prof. Dr. Benny Chefetz

- Dr. Zvi Peleg “A comparative approach reveals unique adaptation mechanism to multiple environmental stresses in grasses”
- Prof. Dr. Karl Schmid “Breeding aspects of adaptation mechanism to multiple environmental stresses in grasses”
- Prof. Dr. Efrat Monsonogo Ornan ”Nutritional aspects of skeletal development”
- Dr. Zvi Hayouka “Towards the design of effective antibacterial agents”
- Prof. Dr. Saul Burdman “Know the enemy - deciphering virulence and pathogenicity determinants of the plant pathogenic bacterium Acidovorax citrulli”
- Dr. Tobias Link and Prof. Dr. Ralf Voegelé "Rust fungal effectors”

13:00h Closure: Prof. Dr. Anne Valle Zárate

13:45 - 18:00h Excursion to “Randecker Maar“ guided by Prof. Dr. Johanna Eder, Dr. Schweigert and Dr. Rasser of the State Museum for Natural Sciences

20:00h Farewell Dinner at Brauhaus Schönbuch, Stuttgart