

State of Israel/Ministry of Agriculture
& Rural Development
Agricultural Research Organization
The Volcani Center
Office of the Director
Associate Director for Academic Affairs
& International Cooperation

מדינת ישראל/משרד החקלאות
ופיתוח הכפר
מינהל המחקר החקלאי
מרכז וולקני
לשכת ראש המינהל
ממונה על ענייני אקדמיה
וקשרים בינלאומיים

Program for Postdoctoral Fellowship Awards in Agriculture

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| Internal Ref # 23 | Title of Research Project: Development of synthetic sex attractants for two psyllid pests of pears (Hemiptera: Psyllidae) |
| Project Leader: Dr. Victoria Soroker | Email : sorokerv@agri.gov.il Phone : 972-3-9683832 |
| Institute: Plant Protection Department: Entomology | |
| The research team (other scientists): The other scientist on this project are from USA Dr. David Horton, Jocelyn Millar and Peter Landolt | |
| Short Description of Research Project (3-5 lines): The main objective of the project is to characterize the attractants for pear psylla. We examine whether seasonal variation in attraction of males to synthetic attractants in the field is due: (a) to background competition from female-emitted pheromone (which may vary with female densities or with reproductive maturity of those females); or (b) to seasonal changes in male responsiveness. | |
| Required Qualifications of Visiting Scientist: <i>Education:</i> PhD in Entomology <i>Scientific Experience:</i> Chemical Ecology and/or Insect behavior <i>Abilities and Skills:</i> Office programs, General methods of Chemical ecology in particular Gas chromatography. Preferably experience with insect antennae recording EAG/EAD; single cell and field work in pheromone evaluation. | |

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