

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

Internal Ref # <b>38</b>	Title of Research Project: <b>Regulation of berry size and cluster uniformity</b>	
Project Leader: <b>Dr. Etti Or</b>	Email : <a href="mailto:vhettior@agri.gov.il">vhettior@agri.gov.il</a> Phone : 972-3-9683345 Mobile: 972-506-220345	
Institute: <b>Volcani Center, ARO</b> Department: <b>Fruit tree sciences</b>		
Short Description of Research Project (3-5 lines): <b>Size uniformity among berries in the cluster is a function of initial flower load and fruit-set percentage. Experimental system tat allow synchronized fruit set will be used to follow relationship between carbohydrate availability and size diversity and comparative analysis of small and big berries will be carried out to identify factors that are controlled by competition and are involved in regulation of berry size. The project will combine physiology, bioinformatics, expression analyses, hormone quantization and transcriptomic analyses.</b>		
Required Qualifications of Visiting Scientist: <i>Education: PhD in biology (preferred plant biology)</i>  <i>Scientific Experience: Molecular background is required. Experience in tissue culture, microscopy, plant physiology is preferred.</i>  <i>Abilities and Skills: Communication ability in English, operation of Microsoft office standard software and internet sequence databases</i>		