

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

<i>Internal Ref #</i> <b>39</b>	Title of Research Project: <b>Rootstock-scion Interaction in Grape: potential role of plant hormone and hormone signaling in communication</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>Project will be part of the program "Rootstock-scion Interaction in Grape: Omics prespective". Cabernet sauvignon grafted on two contrasting rootstock will be studied. A comparative analysis is planned of plant hormone signaling components that represent potential important player in rootstock-scion communication. The project will combine physiology, bioinformatics, expression analyses, hormone quantization, metabolite profiling and transgenic 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>		