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

Internal Ref # 4	Title of Research Toject.	
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Project Leader: Bruria Heuer		Email : bruriah@agri.gov.il
Druria rieuer		Phone : 9683704
Institute: Institute of Soil, Water and Environmental Sciences		
Department: Soil Chemistry, Plant Nutrition and Microbiology		
The research team (other scientists):		
Short Description of Research Project (3-5 lines):		
The purpose of this research is to provide additional information on the mechanism of salt tolerance in plants by the use of cultivars differing in their tolerance to salt and to determine, isolate and sequence proteins expressed during salt tolerance by using a proteomic approach. With the use of genomic approaches, this project will provide the knowledge of gene expression induced by salinity and the role of microRNAs on tomato tolerance to salt stress.		
Required Qualifications of Visiting Scientist: Education: Molecular biology, biochemistry, plant physiology, biotechnology – one or more of these experties		
Scientific Experience: Protein isolation, sequencing and gene expression, microarray		
Abilities and Skills: Western Blot, PCR, RT-PCR, MALDI-TOF, CHIP,		



90 למינהל המחקר החקלאי מרכז וולקני

Email: vtada@volcani.agri.gov.il