

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 # 11	Title of Research Project: Molecular and biochemical characterization of potato skin as a model for studying wound healing and stress response in agricultural important crops.
Project Leader: Idit Ginzberg	Email : iditgin@volcani.agri.gov.il Phone : +972-3-9683787
Institute: ARO, the Volcani Center	
Department: Vegetable Crops, Institute of Plant Sciences	
The research team (other scientists):	
Short Description of Research Project (3-5 lines): Potato skin is a protective tissue with suberized cell walls and toxic secondary metabolites such as steroidal glycoalkaloids (SGA). Histological, metabolomic, RNA-Seq and transgenic technologies are applied in an effort to control skin quality and to reduce harmful SGAs in food upon changing climate conditions. Knowledge gained would be applicable for other crops as well.	
Required Qualifications of Visiting Scientist: <i>Education:</i> PhD <i>Scientific Experience:</i> Actual practice in molecular Biology and tissue culture methods for at least two years. Knowledge in bioinformatic applications is desirable. <i>Abilities and Skills:</i> Fluent English speaker, well updated in scientific literature, good collaboration with other lab members, diligent, trustworthy, meticulous.	

טל: 972-3- 3279

דרך המכבים ראשל"צ, ת.ד. 6 בית-דגן 50250 Israel

Fax: 972-3-9683269 פקס: Tel: 9683216/

Email: vtada@volcani.agri.gov.il