

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

<i>Internal Ref #</i> <b>15</b>	Title of Research Project: <b>Production of transgenic chickens</b>	
Project Leader: <b>Miriam Friedman-Einat and Dalit Sela Donnenfeld</b>		Email : <a href="mailto:Einat@agri.huji.ac.il">Einat@agri.huji.ac.il</a> Phone : +972-8-9484412
Institute: ARO, Volcani Center Department: Animal Science		
The research team (other scientists): Miriam Friedman-Einat and Dalit Sela-Donenfeld (Veterinary Institute, Faculty of Agriculture)		
Short Description of Research Project (3-5 lines): The production of transgenic chicken lines for research purposes using the available techniques is highly complicated and costly. We are developing new approaches aiming for a more easy and affordable ways. Our goal is using this approach to study the control of energy homeostasis in chickens and identify target genes which are implicated in production traits.		
Required Qualifications of Visiting Scientist: <i>Education:</i> (Part or all) Molecular biology, Endocrinology, Chicken Physiology, Genetic engineering.  <i>Scientific Experience:</i> (Part or all) Iv injections, surgical procedures in embryos under sterile conditions, plasmid construction and production, microscopy, immunohistochemistry, chicken physiology.  <i>Abilities and Skills:</i> Accuracy, proficient in delicate laboratory procedures and find work		