

## Final Scientific Reports of BARD Funded Research

(Page Last Updated on 14-Aug-05 )

All BARD final scientific reports are available to the public at the National Agriculture Library, USDA-ARS in Beltsville Maryland and at the National Library, ARO in Bet Dagan.

Reports linked below are available in pdf format for download from this website. The Principal and co-Principal Investigators are indicated and may be contacted by clicking the link on their name/s.

Where related publications have been made available to BARD, these are also available by clicking the indicated link.

Projects marked with \* are less than 3 years duration.

C indicates a project that has received previous funding from BARD.

BARD panel discipline	BARD reference #	Related Publications	Date of Report	Principal and co-Principal Investigator	Title of Research Project
Model Systems	3460-03*		September 04	<a href="#">Sadot, Staiger</a>	A Functional Genomic Screen for New Plant Cytoskeletal Proteins and the Determination of Their Role in Actin Mediated Functions and Guard Cells Regulation
Animal Health	<a href="#">3413-03</a>		November 04	<a href="#">Shpigel, Barletta</a>	Identification and Characterization of <i>Mycobacterium paratuberculosis</i> Virulence Genes Expressed <i>in vivo</i> by Negative Selection
Plant Protection	3357-02*		August 04	<a href="#">Chejanovsky, Webb</a>	Potential of Pest Control by Insect Immunosuppression
Bioengineering Systems	<a href="#">3296-02</a>		November 04	<a href="#">Irudayaraj Schmilovich</a>	Rapid Detection of Food Borne Pathogens and Non-pathogens in Fresh Produce Using FT-IRS and Raman Spectroscopy
Ag Environ	<a href="#">3287-01</a>		December 04	<a href="#">Zhang, Russo</a>	Scale-dependency and Spatial Variability of Soil Hydraulic Properties
Postharvest	<a href="#">3280-01</a>		August 05	<a href="#">Mirsky, Anderson</a>	Spices, Medicinal Plants and Yeasts as Dietary Sources for Antioxidants, Lipid Lowering and Hypoglycemic Materials
Plant Protection	3259-01		December 04	<a href="#">Gordon, Kallen</a>	Determination of the Architectural Features of Sodium Channel Receptors that Bind Anti-insect Selective Toxins for Design of Environmentally Safe Pesticides
Field & Hort.	<a href="#">3245-01</a>		March 05	<a href="#">Norelli, Flaishman</a>	Regulated Expression of Site-specific DNA Recombination for Precision Genetic Engineering of Apple
Model Systems	<a href="#">3237-01</a>		November 04	<a href="#">Sessa, Martin</a>	A Functional Genomics Approach to Dissect Resistance of Tomato to Bacterial Spot Disease
Field & Hort	<a href="#">3224-01</a>		November 04	<a href="#">Dubcovsky, Fahima</a>	Positional Cloning of a Gene Responsible for High Grain Protein Content in Tetraploid Wheat
Model Systems	<a href="#">3215-01</a>		January 05	<a href="#">Yalovsky, Schroeder</a>	The Function of Protein Farnesylation in Early Events of ABA Signal Transduction in Stomatal Guard Cells of Arabidopsis
	<a href="#">3205-01</a>		March 05	<a href="#">Cameron, Sela</a>	Characterization of Bee Viruses and an Investigation of Their Mode of Spread
Model Systems	3177-99C		June 04	<a href="#">Stern, Schuster</a>	Manipulating Chloroplast Gene Expression: a Genetic and Mechanistic Analysis of Processes that Control RNA Stability
Plant Protection	<a href="#">3171-99C</a>		September 03	<a href="#">Dawson, Bar-Joseph</a>	Creating an Ally from an Adversary: Genetic Manipulation of Citrus Tristeza
Aquaculture	<a href="#">3166-99</a>		January 04	<a href="#">Hedrick, Bercovier</a>	Characterization and Control of KHV, A New Herpes Viral Pathogen of Koi and

