



The United States - Israel Binational Agricultural Research and Development Fund

Auxiliary Programs

BARD-Israel manages a variety of auxiliary programs that are distinct and separate from BARD. These auxiliary programs use funds provisionally allocated to BARD by the Israeli Government and dependent upon the receipt of matching funds from the other locations. BARD's Board of Directors authorized the Executive Director to identify resources in the US or internationally to be used to match the Israeli funds and form a BARD-administered, collaborative agricultural research program to the benefit of scientists in Israel and the partner institution abroad.

BARD's experience and expertise in administering multinational collaborative agricultural research makes such associations possible. In addition to its regular activities, BARD currently manages collaborative research between scientists in Israel and those at the University of Maryland's Marine Biotechnology Institute, the Texas Department of Agriculture, Cornell University and Agriculture & Ag-Food Canada. This year, the Queensland-Israel Cooperative Agriculture Research Program issued its first call for proposals and these are currently under review.

Information about these programs is available from the BARD office. Click on the links below to see recipients of the auxiliary awards.

Cornell University – Israel (2004 & 2005)

Texas Department of Agriculture/TIE – Israel (2004)

University of Maryland Marine Biotechnology Institute – Israel (2004)

AAFC (Canada) – Israel (2006)

Cornell University –Israel

Award Years 2004 & 2005

- CB-9002-04 Identification and gene regulation of the desaturase enzymes involved in sex-pheromone biosynthesis of pest moths infesting grain.**
- Rafaeli, A. ARO, Ministry of Ag.
Roelofs, W.L. Cornell University
Zada, A. ARO, Ministry of Ag.
- CB-9006-04 Efficient screening of antibacterial genes by juvenile phase free technology for developing resistance to fire blight in pear and apple trees**
- Flaishman, M.A. ARO, Ministry of Ag.
Aldwinckle, H.S. Cornell University
Manulis, S. ARO, Ministry of Ag.
Malnoy, M. Cornell University
- CB-9016-04 Identification of signaling components involved in tomato resistance to bacterial spot disease**
- Sessa, G. Tel Aviv U
Martin, G.B. Boyce Thompson Institute
- CB-9020-05 Etiology of the Rugose Wood Disease of Grapevine and Genetic Manipulation of the Associated Vitiviruses**
- Mawassi, M. ARO, Ministry of Ag.
Fuchs, M. Cornell University
- CB-9025-05 Dark-induced Reactive Oxygen Species Accumulation and Inhibition by Gibberellins: Towards Inhibition of Postharvest Senescence**
- Friedman, H. ARO, Ministry of Ag.
Watkins, C.B. Cornell University
Lurie, S. ARO, Ministry of Ag.
Gan, S. Cornell University
- CB-9027-05 Characterization of Enzymatic Anthocyanin Degradation in Brunfelsia and Potato (Solanaceae) using Biochemical, Proteomic and Genomic Approaches**
- Oren-Shamir, M.I. ARO, Ministry of Ag.
DeJong, W.S. Cornell University
Koltai, H. ARO, Ministry of Ag.

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Texas Department of Agriculture - Israel

Award Year- 2004

TB-8006-04 Improved analysis of thermally sensed crop water status and mapping spatial variability for site specific irrigation scheduling

Alchanatis, V.	ARO, Ministry of Ag.
Evett, S.R.	USDA-ARS, Bushland
Cohen, S.	ARO, Ministry of Ag.
Cohen, Y.	ARO, Ministry of Ag.
Meron, M.	MIGAL R&D
Naor, A.	MIGAL R&D
Howell, T.A.	USDA-ARS, Bushland
Colaizzi, D.	USDA-ARS, Bushland
Peters, T.R.	USDA-ARS, Bushland
Saranga, Y.	Hebrew University

TB-8008-04 A unified map of ornamental phenotypes in roses

Zamir, D.	Hebrew University
Byrne, D.H.	Texas A&M University

TB-8012-04 Role of obligatory summer dormancy in cool-season perennial grasses for improved semiarid grassland ecosystems

Malinowski, P.	Texas A&M University
Kigel, J.	Hebrew University
Pinchak, E.	Texas A&M University

TB-8018-04 Grafting as a strategy for disease and stress management in muskmelon production

Cohen, R.	ARO, Ministry of Ag.
Crosby, M.	Texas A&M University
Edelstein, M.	ARO, Ministry of Ag.
Jifon, L.	Texas A&M University
Aloni, B.	ARO, Ministry of Ag.
Katzir, N.	ARO, Ministry of Ag.
Nerson, H.	ARO, Ministry of Ag.
Leskovar, D. I.	Texas A&M University

TB-8027-04 Use of multiple biological control agents for control of western flower thrips

Heinz, K.M.	Texas A&M University
Glazer, I.	ARO, Ministry of Ag.
Coll, M.	Hebrew University
Chau, A.	Texas A&M University
Chow, A.	Texas A&M University

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University of Maryland Marine Biotechnology Institute (UMMBI) – Israel

Award Year 2004

- MB-8701-04 Sulfate reduction as a process to promote denitrification in marine recirculated aquaculture systems**
- Schreier, H.J. UMMBI
Van Rijn, J. Hebrew University
Tal, Y. UMMBI
- MB-8705-04 Development of Follistatin and Myostatin technology in enhancing fish muscle growth**
- Du, J.S-J. UMMBI
Funkenstein, B. Isr. Oceanographic & Limn. Res.
- MB-8706-04 Reduction in fish meal and fish oil dependency in feeds for Gilthead Seabream and hybrid Stripped Bass and their effect on product quality and consumer health and acceptance**
- Kissil, G.W. Isr. Oceanographic & Limn. Res.
Place, A.R. UMMBI
Lupatsch, I. Isr. Oceanographic & Limn. Res.
- MB-8707-04 Waste recycling for recirculated aquaculture systems: conversion of fish waste from marine and brackish water systems to methane**
- Tal, Y. UMMBI
Gross, A. Ben Gurion University
Sowers, R. UMMBI
- MB-8708-04 Novel marine natural products from sponges and associated microorganisms**
- Ilan, M. Tel Aviv U
Hill, T. UMMBI
Shpigel, M. Isr. Oceanographic & Limn. Res.

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Agriculture and Agri-Food Canada (AAFC) - Israel

Award Year 2006

CA-9100-06 Improving Fruit Set in Tomato and Brassica by Reducing the Impact of High Temperature on Pollen Development and Function

Granot, D.	ARO, Ministry of Ag.
Robert, S.L.	Ag. Canada, Ontario
Bonham-Smith, P.C.	University of Saskatchewan
Geitmann, A.	University of Montreal
Gleddie, S.C.	Ag. Canada, Ontario

CA-9102-06 Optimizing the Combination of Hyper-Spectral Images in Management Zone Delineation for Variable Rate Nitrogen Fertilization

Cohen, Y.	ARO, Ministry of Ag.
Moulin, A.P.	Ag Canada, Manitoba
Alchanatis, V.	ARO, Ministry of Ag..
Bonfil, D.J.	ARO, Ministry of Ag.
Karnieli, A.	Ben Gurion University
Volkmar, K.	Ag Canada, Manitoba

CA-9103-06 Biological Detoxification of the Mycotoxin Deoxynivalenol (DON) to Improve Safety of Animal Feed and Food

Zhou, T.	Ag. Canada, Ontario
Shapira, R.	Hebrew University
Pauls, P.K.	University of Guelph
Paster, N.	ARO, Ministry of Ag.
Pines, M.	ARO, Ministry of Ag.

CA-9105-06 Understanding and Improving Quality Traits in Fruit: Genetic Manipulation of the Tomato Fruit Cuticle

Aharoni, A.	Weizmann Inst.
Ehret, D.	Ag. Canada, Pacific
Jetter, R.	University of British Columbia

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