

DOV PRUSKY, Ph.D.

January 2014

CURRICULUM VITAE

Work Address

Department of Postharvest Science of Fresh Produce
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I. Personal

1948 Born Montevideo, Uruguay
1954-1960 Elementary School, "Mexico", Montevideo, Uruguay.
1960-1964 Secondary School, "Suarez", Montevideo, Uruguay.
1965-1967 High School, I.A.V.A., Montevideo, Uruguay.
1967 Immigrated to Israel.
1978 Military service, Israel.
Marital Status: Married, 2 children.

II. University Education and Additional Training

1967-1970 B.Sc. from the Hebrew University of Jerusalem.
1971-1972 M.Sc. from the Hebrew University of Jerusalem, Faculty of
Agriculture; Major Subject-Plant Pathology.
1973-1978 Ph.D. degree in Plant Pathology from the Hebrew
University of Jerusalem, Faculty of Agriculture.
1981-1982 Postdoctoral position at Department of Plant Pathology,
U.C.R with Prof. N.T. Keen.
1987-1988 Visiting Professor at Department of Plant Pathology, U.C.R.,
with Prof. N.T. Keen.
1992-1993 Visiting Professor at Department of Plant Pathology, U.C.R.,
with Prof. N.T. Keen.
2000-2001 Visiting Professor at the Department of Horticultural Crops
Quality, USDA. Beltsville with Dr. Bill Conway

2010-2011 Visiting Professor at the Department of Genetics, University of Salamanca, CIALE, Spain

III. Positions Held and Academic Status

1974-1977 Assistant in Plant Pathology, The Hebrew University of Jerusalem.

1977 to date Scientist at the Division of Postharvest Science of Fresh Produce in the Institute for Technology and Storage of Agricultural Products, Agricultural Research Organization, The Volcani Center, Bet Dagan, Israel.

1983-1988 Appointed Senior Research Scientist at the A.R.O.

1988- 1994 Appointed Associate Principal Scientist at the A.R.O.

1993- Appointed Professor at the Hebrew University of Jerusalem.

1994 Appointed Principal Scientist (A+, Full Professor) at the A.R.O.

1994-1998 Head of the Department of Postharvest Science of Fresh Produce, Institute of Postharvest Science of Agricultural Products, ARO.

2002-2007 Head Institute of Food Technology, ARO.

2007-2010 Deputy Director of Research & Development, ARO, the Volcani Center, Israel.

2010-2011 Appointed Visiting Professor at the University of Salamanca, Salamanca Spain.

IV. Teaching Experience at the Faculty of Agriculture, Rehovot

1976 and 1977 Instructor in undergraduate laboratory course of:
Disease Control
Disease of Fruit Crops

1985 - 1995 Graduate laboratory course "Plant Disease Control"

1990 – 2005 Lecturer in the graduate course: Mechanisms of Fungicide action

1993 - present Lecturer in the undergraduate course: Postharvest Physiology and Pathology of Fruits and Vegetables.

IV. 1. Tutorial of M.Sc. Students

Samir Droby, Malka Bazak, Einav Bar-Shira, E. Peretz, Ari Peres, Ohad Neriah, Ron Reved, Nirit Dory, Itay Miyara, Yoav Hadass, Eilat Servi, Jeniffer Nim, Oren Moskovitch, Mayan Davidzon, Shir Barad, Yael Etadgi, Ekaterin Lakomova; Esti Biton (In progress)

2. Tutorial of PhD. Students

Samir Droby, Castro Wattad; Ruth Ardi; Nir Jacoby; Dany Eshel; Wang Ching; Hilla Kramer-Haimovitch and Itay Miyara, Noam Elkan, Shiri Barad (in progress)

3. Tutorial of Post Doctoral Fellows

Dr. Lionel Marcus, Dr. Lea Karni, Dr. Dalila Beno-Moualem, Dr. Lea Madi, Dr. Ruth Guietsky, Dr. Graciela Avila (Mexico); Sigal Horowitz Brown; Itay Miyara, Noam Alkan; Dana Ment (In progress); Neta Lurie (In progress); FengChen Be (In progress).

V. Membership in Scientific and Agricultural Committees

a. Local

- 1988-1992 Member of the Biotechnology Center, ARO.
1988-1992 - Member of the BARD review Panel for Food Technology and Postharvest projects.
1993-1995 Member of the BARD review Panel for Plant Pathology projects.
1993- Member of the Biotechnology Center, ARO.
1994- Member of Avocado Grower Committee.
1995-1996 Member of Steering Committee for Plant Pathology reviewed projects, ARO.
1995- Member of the Academic Scientific Commute, ARO.
1996-2007 Head of the Post Harvest and Food Technology Panel for reviewing project funded by the Head Scientist of the Ministry of Agriculture, DIARP, and BARD.
1996- Member of Steering Committee for Subtropical (mango and lychee) reviewed projects.
1998 Elected Vice Chair of the Israeli Phytopathological Society
1999-2000 Elected Chair of the Israel Phytopathological Society.
1999- Member of Academic Professional Committee, ARO.
2002- Member of Steering Committee for Subtropical fruits reviewed projects for the Prime Scientist of the Ministry of Agriculture.

b. International

- 1990- Member of the Mango Working Group of the International Horticultural Society
1990- Member of the Steering Postharvest Pathology Committee at the International Society of Plant Pathology (ISPP)
1990- Member of the Steering Committee of the Plenary Postharvest Pathology Committee at the ISPP
1993- Elected Vice-Chair of the Postharvest Pathology Committee of the ISPP.
1993- Organizer of Satellite Meeting on Biochemistry and Physiology of Postharvest Pathology at 6th International ISPP Meeting.
1994- Organizer of a International workshop on "Novel Aspects of Host -Pathogen Interaction" at the Israeli Phytopathological Society.
1995- Organizing committee of 3rd International Avocado Symposium, Israel.
1996- Organizing committee of 5th International Mango Symposium, Israel.
1998- Secretary and Organizing committee if the 6th International Mycological, Jerusalem
1998- Elected Chairman of the International Postharvest Pathology Committee of the ISPP.
2000- Organizing scientific committee of Postharvest 2000, Israel.
2001- Chairman of the International Postharvest Pathology Committee of the ISPP
2002- Organizer of the Postharvest Pathology Section at the ISPP meeting in New Zealand.
2003- Elected-Chairman of the International Postharvest Pathology Committee of the ISPP.
2007-Elected national representative for the Science Officer Food and Agriculture, COST
2008-2013-Elected-Chairman of the International Postharvest Pathology Committee, ISPP.
2010-2014-Re-Elected Israel National representative for the Science Officer

Food and Agriculture, COST
2010-2014-Elected by COST for the "Core Leading Group" of the Food and
Agriculture Directory Committee of COST

VI. Editorial Responsibilities

1996-present- Associate Editor for Journal of Plant Pathology (Italy)
1987-present - Scientific adviser for Grants from the International Foundation of Science, Sweden.
2000- Editor of "Host specificity, pathology and host pathogen interaction of *Colletotrichum*.
Jointly with S. Freeman and M. Dickman. APS series.
2009-2014 Editorial Board of Annual Review of Phytopathology
2009- Appointed member of the Editorial Advisory Board "Australasian Plant Pathology".
2010- Editorial Board of the Journal of Berry Research
2012- Editorial Board of *Phytoparasitica*.

VII. Special invitation to International Meetings

1983 Invited Speaker at 4th meeting of ISPP, Melbourne, Australia, on
Postharvest Pathology:
- Physiology of Infection
- New Fungicides and Resistance.
1987 Invited speaker by the British Society for Plant Pathology on
Epidemiology of latent infections.
1988 Invited speaker at the 5th meeting of the International Society
of Plant Pathology, Kyoto Japan, on the section:
-Physiology of Host Pathogen Interactions.
1988 Chairman and invited speaker at the 5th meeting of the ISPP Pathology on
the Session of Physiology of Infection of Postharvest Pathology.
1989 Chairman and invited speaker on the Disease Session of the
3rd International Mango Symposium. Darwin, Australia.
1989 Invited speaker to Department of Tropical Crops, CSIRO, Melbourne,
Australia.
1990 Invited speaker by the British Society for Plant Pathology (BSPP) on a
Symposium on "New Methods in the Control of Postharvest Diseases".
1990 Invited speaker at the Postharvest Biological control Workshop
held in West Virginia, USA.
1990 Invited speaker at the BSPP Meeting on Biology and Control
of *Colletotrichum*, Bath, England.
1991 Invited speaker at the 2nd Avocado World Congress, Anaheim, Ca.
1992 Invited speaker at the Workshop of Postharvest Handling in
the First Iberoamerican Horticultural Meeting Montevideo, Uruguay
1991 Invited Speaker at the 4th Mango Symposium, Florida, USA.
1993 Invited Speaker on the National Phytopathological Meeting, Costa Rica.
1993 Chairman and Invited Speaker at the Satellite Meeting on

- "Physiological and Biochemical aspects of postharvest host- pathogen interactions" ISPP meeting, Montreal Canada.
- 1994- Invited speaker to "Gordon Conference" to the session on Postharvest Pathology on "Resistance to Postharvest Disease and its Manipulation".
- 1995- Invited speaker to Universidad de la Republica Oriental del Uruguay. Faculty of Sciences, Department of Biochemistry.
- 1996-Invited speaker to 5th Symposium in Biological Control, Parana, Brasil.
Invited speaker to EMBRAPA, Ministry of Agriculture, Vacaria Ex. Station, Rio Grande do Sud, Brazil
- 1996- Chairman and invited speaker to the session on Postharvest Pathology of the 5th Mango Symposium, Tel Aviv, Israel
- 1997 -Invited speaker to the Workshop on "Postharvest handling of Tropical Fruits" for presentation on the subject Containment of fungal infection: Preformed barriers. Organized by the Australian Center for International. Agricultural Research, Chaing Mai Thailand.
- 1997 Invited Plenary lecture a Workshop on "Postharvest Handling of Tropical Fruits" for presentation on the subject Mechanism of Resistance of avocado fruits to *Colletotrichum gloeosporioides* attack. Australian Center for International. Agricultural Research, Chaing Mai Thailand
- 1998 Invited speaker to "Gordon Conference" to the session on Postharvest Pathology on "Mechanism of Resistance to Postharvest Pathogens in Fruits".
- 1998 Invited speaker to the European Union TMR-Euroconference on "Biology and Biotechnology of Plant Hormone Ethylene II" on the subject of "Ethylene involvement in pathogenesis and disease resistance" Santorini, Greece.
- 1998 - Invited Speaker to the Mango Conference in the Middle East. on the topic of "Postharvest Diseases in Mango Fruits".
- 1999 -Invited Speaker on Colletotrichum Workshop supported by BARD
- 1999- Organizer of the *Colletotrichum* Workshop supported by BARD
- 1999- Invited Speaker on the World Avocado Symposium, Michoacan, Mexico
- 1999- Invited speaker to the Brazilian Center for Technology of HortScience, Institute for Technology of Fruits. Two talks on the subject of Methods of control of Postharvest Diseases in Tropical Fruits.
- 2000-Invited Plenary Lecture at Postharvest 2000 meeting, Jerusalem.
- 2000- Invited speaker at Department of Plant Pathology, Queensland University
- 2001- Invited speaker to a "Special Presentation" at the Department of Plant Pathology, University of Florida, Gainesville, FL
- 2001- Invited speaker to the "Biotechnological Seminar Series" at the University of Nebraska
- 2001- Invited speaker to the Vegetable Laboratory, Seminar Series at the Beltsville, BARC, ARS.
- 2002- Invited speaker to the Department of Plant Pathology, University of California, Riverside, USA.
- 2002- Invited speaker at the World Mango Symposium, Recife Brazil
- 2002- Invited speaker to the Vegetable Laboratory, Seminar Series at the Beltsville, BARC, ARS
- 2003-Organzier of the Postharvest Pathology Session of the 5th meeting of

The International Society of Plant Pathology (ISPP)

- 2003-Chairman, and invited speaker at the 5th meeting of the ISPP on the Session of Postharvest Pathology.
- 2003- Invited speaker to the Colletotrichum workshop. Christchurch, New Zealand.
- 2003- Invited plenary lecture to the Israel Phytopathological Society Meeting.
- 2003- Invited speaker to the 5th World Avocado Congress, Torremolinos, Spain.
- 2003- Invited speaker to the Post-Harvest Symposium of the APS Annual meeting, Effect on environmental conditions on fungal pathogenicity. USA.
- 2004- Invited Plenary Lecture to the 7th International Postharvest Symposium, June, 2004, Verona Italy.
- 2004- Invited Plenary Lecture to the International Symposium of the Association of Applied Biologist, Providing new opportunities for consumers and producers in the 21st century. Oxford, December 2004.
- 2005- Invited lecture to the Annual Israeli Phytopathological Society meeting.
- 2005- Invited Speaker on “Fungal Modulated Host Environment and Pathogenicity” Workshop supported by BARD
- 2005- Organizer of the “Fungal Modulated Host Environment and Pathogenicity” Workshop supported by BARD
- 2006- Invited Keynote Lecture to the 8th International Mango Symposium, February 2006, Sun City, South Africa.
- 2006- Chairman of Session: “Effect of Nutrients in mango trees and fruits” on the 8th International Mango Symposium, February 2006, Sun City, South Africa.
- 2006- Invited Keynote Lecture to the 8th Conference of the European Foundation for Plant Pathology & British Society of Plant Pathology Presidential Meeting 2006, Copenhagen 13th to 17th of August 2006.
- 2006- Invited Speaker. Cost 864 Pome Health. November 19, 2006.
- 2007-Organizer of the COST Workshop on Plant-pathogen interactions and crop protection in pome fruit’
- 2007- Invited speaker to the COST 864 Workshop on Plant-pathogen interactions and crop protection in pome fruit on the subject Core rot Disease. St Michael, Italy.
- 2008- Invited speaker to the COST 864 Workshop on Plant-Pathogen interactions and crop protection in pome fruit on the subject Core rot Disease. Izmir,
- 2008- Invited speaker to the concurrent sessions of the ISPP meeting on the subject of Mechanisms of Pathogenicity of Colletotrichum.
- 2008- Invited speaker to the Colletotrichum Diseases of Fruit Crops meeting in, Torino. Subject: Host-parasite interactions: Physiology of the infection process – conversion from quiescent to active infections.
- 2008- Scientific organizer of the Postharvest Pathology sessions of the ICPP meetings. Torino.
- 2008- Scientific organizer of Workshop of the Postharvest pathology subject in the ICPP meeting.
- 2008-Scientific organizing committee of the Asia-Pacific Symposium on Assuring Quality and Safety of Agri-Foods King Mongkut’s University of Technology Thonburi (KMUTT). Bangkok, Thailand August 4-6, 2008.
- 2008- Invited speaker to the annual meeting of the Dutch Society for Microbiology, Mycology session, November 28, Utrecht, The Netherlands.

- 2009-Scientific Organizing committee of the Asia-Pacific Symposium on Assuring Quality and Safety of Agri-Foods King Mongkut's University of Technology Thonburi (KMUTT). Bangkok, Thailand.
- 2009- Key note speaker at the South African Phytopathological Society.
- 2009- Invited speaker at Australian Plant Pathology Annual Meeting Sidney.
- 2010- Invited Speaker at the Postharvest Gordon Conference on "Mechanisms of Pathogenicity in fruits".
- 2010- Invited Speaker at the IVIA on Postharvest Diseases of Persimmons
- 2010- Invited Speaker at the University of Cordoba on Mechanism of Postharvest Pathogens Pathogenicity.
- 2011 - Invited speaker at the 1st Postharvest Pathology Meeting, Catalonia, Spain.
- 2012 - Invited Speaker at the Israel Microbiological Society Meeting, Bar Ilan,
- 2012 -Invited Speaker at the Host Parasite interaction Workshop- BARD Tel Aviv University.
- 2012-Invited speaker at 1st Postharvest Pathology meeting in Brazil, Recife Pernambuco.
- 2013- Invited speaker to the concurrent sessions of the ISPP meeting on the subject of Mechanisms of Pathogenicity of Colletotrichum, Beijing.
- 2013- Scientific organizer of the Postharvest Pathology sessions of the ICPP meetings. Beijing.
- 2014-Invited speaker at European Fungal Genetics meeting.

VIII. Membership in Professional Societies

- The Phytopathological Society of Israel.
- The Society of Applied Biologist.
- The American Phytopathological Society.

XI. Competitive Grants

- 1980 Recipient of Binational Agricultural Research and Development (BARD) grant, for 3 years acting as principal investigator.
- 1984 Recipient of Binational Agricultural Research and Development (BARD) grant, for 3 years acting as principal investigator.
- 1988 Recipient of C.D.R., A.I.D. fund grant for a period of 4 years acting as principal investigator in cooperation with researchers of Sri Lanka.
- 1990 Recipient of Binational Agricultural Research and Development (BARD) grant for a period of 3 years acting as principal investigator in cooperation with Prof. N.T. Keen.
- 1992 Recipient of Binational Agricultural Research and Development (BARD) grant for a period of 3 years acting as principal investigator in cooperation with Prof. N. T. Keen and Dr. R. Christoffersen.
1993. Recipient of GIARA fund grant for a period of 3 years acting as Principal Investigator in cooperation with N. Visarathanonth, Thailand and Dr. J. Ebel, Germany.

- 1994 Recipient of CDR-AID fund grant for a period of 3 years acting as Principal Investigator in cooperation with Dr. C. Lizada
- 1995 Recipient of Binational Agricultural Research and Development (BARD) grant for a period of 3 years acting as principal investigator in cooperation with Prof. N. T. Keen.
- 1997 Recipient of Binational Agricultural Research and Development (BARD) grant for a period of 3 years acting as principal investigator in cooperation with Prof. J. Browse and Prof. N. T. Keen.
- 1998 Recipient of CDR-AID fund grant for a period of 3 years acting as Principal Investigator in cooperation with Dr. Lina Ilag (Philippines).
- 1999 Recipient of Binational Agricultural Research and Development (BARD) grant for a period of 3 years acting as cooperating investigator in cooperation with Prof. Richard Bostock.
- 2000 Recipient of Binational GIFRID grant for a 2 year period acting as cooperating investigator with Egyptian scientist.
- 2000 Recipient of National Academy of Israel Fund grant for a 4 year period acting as Principal Investigator in cooperation with Dr. O Pines.
- 2002 Recipient of Binational Agricultural Research and Development (BARD) grant for a period of 3 years acting as principal investigator in cooperation with Dr. Jeffrey Rollins.
- 2006 Recipient of Binational Agricultural Research and Development (BARD) grant for a period of 3 years acting as principal investigator in cooperation with Dr. Robert Fluhr and Dr. Lisa Villancourt.
- 2006 Recipient of Binational Agricultural Research and Development (BARD- Queensland) for a period of 3 years acting as principal investigator in cooperation with Dr. Robert Fluhr and Drs. Peter Hofman, Dr. Elizabeth Dann and Dr. Lindy Coates.
- 2008 Recipient of Binational Agricultural Research and Development (BARD- Texas) for a period of 3 years acting as principal investigator in cooperation with Dr. Robert Fluhr and Dr. Marty Dickman.
- 2008 Recipient of National Academy of Israel Fund grant for a 4 year period acting as Principal Investigator in cooperation with Dr. A. Sherman and Dr. Amnon Lichter.
- 2011 Recipient of Binational Agricultural Research and Development (BARD) for a period of 3 years acting as principal investigator in cooperation with Dr. Robert Fluhr and Dr. Tesfaye Mengiste.
- 2012 Recipient of National Academy of Israel Fund grant for a 4 year period acting as Principal Investigator in cooperation with Dr. A. Sherman and Dr. Robert Fluhr.

XI. Competitive Grants in Israel from 1994 only

- 1992 The use of growth regulators to control Alternaria in persimmon fruits 25.000\$
- 1995 Induce resistance against postharvest pathogens by CO2 treatments 20.000\$
- 1993 Biological control of postharvest disease in subtropical fruits 25.000\$
- 1994 Control of postharvest disease in nectarines 15.000\$
- 1995 Control of stem end rots in mango fruits 25.000\$
- 1996 Induce resistance of persimmon fruits by cytokinin 25.000\$
- 1997 Improve of mango quality by the use of host water brush 25.000\$
- 1998 Storage conditions of the Israeli avocado 45.000\$
- 2001 Control of A. alternata by chlorine treatments in persimmon 40.000\$
- 2002 Disease control of A. alternata in persimmons 25.000\$
- 2002 "Teharsept" for the control of Alternaria (Concept) 5.000\$
- 2002 Fungicides for the control of Alternaria in persimmon 7.500\$ (CTZ)
- 2003 pH treatment for the control of Alternaria in mango fruits (66.000\$)
- 2004 Control of Alternaria core rot in apples 120.000\$
- 2006 pH treatment for the control of Alternaria in persimmons 75.000\$
- 2006 "Mycogal" for the control of postharvest diseases (Amgal) 20.000\$
- 2007 Development of new postharvest fungicides (Deshanim) 25.000\$
- 2010 Mechanisms of Alternaria attack in persimmons. 25.000\$
- 2011 Mechanism of red spot developments in mango 40.000\$
- 2013 Disease control of persimmon fruits in storage 120.000\$

IX . Awards

2002. **Elected "Scientist of the Year" at the Volcani Center.** In recognition of the scientific success and accomplishment at the local and international scientific community.

2008- **Elected as "2009 Merensky Fellow" by the Hans Merensky Holdings LTD in Westfalia,** for researchers with significant accomplishments in the world for the development of the subtropical fruits industry. He was invited to visit South Africa and discuss the post-harvest research developments, establish relations for future cooperation and present a Keynote presentation at the SASPP.

2013. **Elected "Life Achievements Scientist" form the ARO** for scientists with the highest contribution to the Israeli Agriculture and to the International Scientific community.

X. Main Research Interests

Molecular Biology and Biochemistry of Fruit/Pathogen Interactions

Research in the laboratory focuses on understanding the basic processes underlying the interactions between fruits and pathogenic fungi. These interactions are known to involve the production and recognition by both plant and pathogen of a variety of signals, but it is frequently difficult to distinguish between the indispensable and the superfluous components of the complex process of infection. In my laboratory we use chemical, biochemical, genetic, and molecular biological techniques to identify and critically evaluate putative disease factors. Our emphasis is on the biochemical and molecular mechanisms that are controlled by fungal virulence and fruit resistance factors.

List of Publications

A. Articles in reviewed journals and books

1. Prusky, D., A. Dinooor and Y. Eshel, 1973. Symptom less effects of experimental fungicides on wheat. Phytopathology 64:812-813.
2. Prusky, D., B. Jacoby and A. Dinooor, 1979. Is the accumulation of a systemic fungicide at the infection site related to its eradivative action? Pesticide Biochemistry and Physiology 12:75-76.
3. Prusky, D., A. Dinooor and B. Jacoby, 1980. The sequence of death of haustorial and host death during the hypersensitive reaction of oat to crown rust. Physiological Plant Pathology 17:33-40.
4. Prusky, D., and R. Ben-Arie, 1981. Imazalil control of *Alternaria alternata* storage rots. Ann. Appl. Biology 98: 87-92.
5. Prusky, D., Y. Fuchs and G. Zauberman, 1981. A method for pre-harvest assessment of latent infections in fruits. Ann. Appl. Biology 98: 79-85.
6. Prusky, D., A. Dinooor and B. Jacoby, 1981. The fungicide or heat induced hypersensitive reaction of oats to crown rust: relation between various treatments and infections type. Physiological Plant Pathology 18:181-186.
7. Prusky, D., B. Jacoby and A. Dinooor, 1981. Effect of 1-chlorocholine chloride on resistance of oat to crown rust. Phytopathologische Zeitschrift 101:175-178.
8. Prusky, D., R. Ben-Arie and S. Guelfat-Reich, 1981. Etiology and histology of *Alternaria* rot of persimmon fruits. Phytopathology 71: 1124-1128.
9. Prusky, D., M. Bazak, R. Ben-Arie and A. Genizi, 1981. Pest management during postharvest treatments to control *Penicillium expansum* in storage. Phytopathology 71:900.
10. Prusky, D., Keen, N.T. Sims, J.J. and S.L., Midland, 1982. Possible involvement of an antifungal compound in latency of *Colletotrichum gloeosporioides* in unripe avocado fruits. Phytopathology 72: 1578-1582.
11. Prusky, D., N.T. Keen and I. Eaks, 1983. Further evidence for the involvement of preformed antifungal compound in the latency of *Colletotrichum gloeosporioides* on unripe avocado fruits. Physiological Plant Pathology 22:189-198.
12. Prusky, D., Y. Fuchs, and U. Yanko, 1983. Assessment of latent infections as a basis for the control of postharvest disease of mango. Plant Disease 67: 816-817.
13. Droby, S., D. Prusky, A. Dinooor and R. Barkai-Golan, 1984. *Alternaria alternata* - a new pathogen on stored potatoes. Plant Disease 67: 160-161.
14. Prusky, D., A. Ascarelli and B. Jacoby, 1984. Lack of involvement of nutrients in the latency of *Colletotrichum gloeosporioides* in unripe avocado fruits. Phytopathologische Zeitschrift 110:106-109.
15. Droby, S., A. Dinooor, D. Prusky and R. Barkai-Golan, 1984. Pathogenicity of *Alternaria alternata* in the potato crop in Israel. Phytopathology 74: 537-542.
16. Prusky, D. and R. Ben-Arie, 1985. Development, persistence and survival of thiabendazole-resistant strains of *Penicillium expansum* on pome fruits and strategies for control. Phytopathology 75: 877-882.
17. Prusky, D. and Ben-Arie, 1985. Effect of imazalil on the pathogenicity of *Penicillium crustosum* causing storage rots of pome fruits. Plant Disease 69: 416-418.

18. Prusky, D., I. Kobiler, B. Jacoby, J.J. Sims and S.L. Midland, 1985. Effects of inhibitors of avocado lipoxygenase: their possible relationship with the latency of *Colletotrichum gloeosporioides* on avocado fruits. Physiological and Molecular Plant Pathology 27: 269-279.
19. Prusky, D., B. Jacoby, J.J. Sims and S.L. Midland, 1985. Regulation of lipoxygenase activity and its possible relation to latency of *Colletotrichum gloeosporioides* on avocado fruits. Phytopathology 75: 1302- .
20. Cojocar, M., S. Droby, E. Glotter, A. Goldman, H.E. Gottlieb, B. Jacoby and D. Prusky, 1986. 5-(12-Heptadecenyl)-resorcinol, the major compound of the antifungal agent from the peel of mango fruit. Phytochemistry 25: 1093-1095.
21. Droby, S., D. Prusky, B. Jacoby and A. Goldman, 1986. Presence of an antifungal compound and its relation in the latency of *Alternaria alternata* in unripe peel of mango fruits. Physiological and Molecular Plant Pathology 29: 173-183.
22. Droby, S., D. Prusky and B. Jacoby. 1987. Induction of an antifungal agent in unripe mango fruits to demonstrate their involvement in latent infections of *Alternaria alternata*. Physiological and Molecular Plant Pathology 30:285-292.
23. Prusky, D. 1987. Hypersensitivity, an Overview. In: "Recent Topics in Experimental and Conceptual Plant Pathology" R.S. Singh, U.S. Singh, W.M Hess, and D.J. Weber (Eds.), Oxford and IBH Publishing Co. P.V.T. LTD., New Dehli, Bombay, Calcutta. pp 485-522.
24. Marcus, L. and D. Prusky. 1987. Effect of particle size of activated charcoal on separation of Triton X-100 from protein, liver cytosol and lipoxygenase extracts. Analytical Biochemistry 163:112-116
25. Droby, S., B. Jacoby, and D. Prusky. 1987. Lack of involvement of nutrients in the latency of *Alternaria alternata* in unripe mango fruits. Phytopathologische Zeitschrift 120: 85-89.
26. Marcus, L. D. Prusky, and B. Jacoby. 1988. Purification and characterization of avocado lipoxygenase. Phytochemistry 27: 323-327
27. Prusky, D. 1988. The use of antioxidants to delay the onset of anthracnose and stem end in avocado fruits after harvest. Plant Disease 72: 381-384.
28. Prusky, D., I. Kobiler and B. Jacoby. 1988. Involvement of epicatechin in cultivar susceptibility of avocado fruits to *Colletotrichum gloeosporioides* after harvest. Phytopathologische Zeitschrift 123: 140-146.
29. Prusky, D., Gold, S. and N.T. Keen. 1989. Purification and characterization of an endopolygalacturonase produced by *Colletotrichum gloeosporioides*. Physiological and Molecular Plant Pathology 35: 121-123.
30. Karni, L., Prusky, D., Kobiler, I., Bar-Shira, E. and D. Kobiler. 1989. Involvement of epicatechin in the regulation of antifungal diene concentration during activation of quiescent *Colletotrichum gloeosporioides* infections of ripening avocado fruits. Physiological and Molecular Plant Pathology 35: 367-374.
31. Prusky, D. and Plumbley, R. and I. Kobiler. 1990. The relationship between the antifungal diene levels and fungal inhibition quiescent infections of *Colletotrichum gloeosporioides* in unripe avocado fruits. Plant Pathology 40: 45-52.
32. Prusky, D., Karni, L., I. Kobiler and Plumbley, R.. 1990. Induction of a preformed antifungal compound unripe avocado fruits: I. Effect of challenge inoculation with *Colletotrichum gloeosporioides*. Physiological and Molecular Plant Pathology 37: 425-435.
33. Prusky, D., Kobiler, I., Fishman, Y., Sims, J.J., Midland, S., and Keen, N.T. 1991. Identification of an antifungal compound in unripe avocado fruits and its possible

- involvement in the quiescent infections of *Colletotrichum gloeosporioides*. Phytopathologische Zeitschrift 132:319-327.
34. Prusky, D., Plumbley, R. and Kobiler, I. 1991. Modulation of natural resistance of avocado fruits to *Colletotrichum gloeosporioides* by CO₂. Physiological and Molecular Plant Pathology 39: 325-334.
 35. Plumbley, R., Prusky, D. and Kobiler, I. 1991. The relationship between antifungal diene levels and quiescence of *Colletotrichum gloeosporioides* in avocado fruits subjected to heat treatment. Plant Pathology 40:45-52.
 36. Prusky, D., Gat, Z., and Burd, P. 1992. Effect of relative humidity during mango growth on the incidence of quiescent infections of *Alternaria alternata*. Plant Disease 77:249-252.
 37. Prusky, D. and Plumbley, R. 1992. Quiescent infections of *Colletotrichum* in fruits. In: Colletotrichum: biology, pathology and control. John Bailey and M. Jeger (Eds.). pp 289-307. CAB International
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