Mouhammad Zeidan

I. Personal

1961	Born in Yamma Village, Israel
Work Address:	Al-Qasemi Academic College-QRC. P.O.Box 124, Baqa-El-Gharbia, 30100. Tel :+972-4-6286763/1, Fax : +972-4-6286762 Cell phone: 050-6241769. **Email:** mouhammad.zeidan7@gmail.com; zeidanm@qsm.ac.il;
1974-1978	High-school education in: Regional Agricultural high-school of Yamma
Marital status:	Married + 2

II. University Education and Additional Training

1980 – 1983	**B.Sc.** in Biology at Tel-Aviv University, Faculty of Life Sciences, Ramat Aviv, Israel.
1984 – 1987	**M.Sc.** in Botany at Tel-Aviv University, Faculty of Life Sciences, Ramat Aviv, Israel. Majoring in Plant Protection **Title of thesis:** Increased growth responses of vegetables and field crops induced by a hypovirulent isolate of soil-borne fungus *Rhizoctonia solani* Kuhen. **Supervision by:** Prof. Baruch Sneh.
1989 – 1994	**Ph.D.** in molecular genetics at the Faculty of Agricultural, Food and Environmental Quality Sciences, The Hebrew University of Jerusalem, Rehovot Israel. **Title of thesis:** Relationships between tomato yellow leaf curl virus (TYLCV), its vector the whitefly *Bemisia tabaci* and the tomato host plant: A molecular study. **Supervision:** Prof. Hanokh (Henryk) Czosnek
1995 – 1996	**Postdoctoral position** at the Department of Plant Pathology of University of Wisconsin Madison**,** USA, with Prof. Douglas Maxwell. **Research subject:** Determining the role of the capsid protein in begomovirus transmission by whiteflies by swapping the capsid genes between a non-transmissible AbMV and transmissible BDMV,and molecular analysis of begomoviruses
1996 – 1997	**Postdoctoral position** at Department of Vegetables, Field Crops and Genetics at Faculty of Agricultural, Food and Environmental Quality Sciences, The Hebrew University of Jerusalem, Rehovot Israel.with Prof. Hanokh (Henryk) Czosnek. **Research subject:** Developing molecular tools for determining the pathway of begomoviruses in its insect vector the whitefly *Bemisia tabaci* .
1997-1998	**Postdoctoral position** at Department of Virology, ARO, Bet-Dagan, Israel. with Prof. Abed Gera. **Research subject:** Development of molecular tools for the detection and

identification of viral diseases infecting ornamentals.

III. Positions Held and Academic Status

2010-present **Head of Sciences department**, Al-Qasemi Academic College of Education, Baqa-Elgharbiya, Israel.

2008-Present **Associate Professor** in Plant Virology. Molecular Genetics and Virology Laboratory in Al-Qasemi Research Center (QRC), Al-Qasemi Academic College, Baqa-Elgharbiya, Israel.

2008 -Present **Associate Professor** in Plant Virology, Beit-Berl Academic College, Beit Berl, Israel.

1996 -2008 **Lecturer** at Beit-Berl College, Beit-Berl, Israel.

1990 -Present **Chief Scientific Advisor for Virology and Molecular Tools** at the Plant Protection and Inspection Services of the Ministry of Agriculture and Rural Development, Bet-Dagan, Israel.

IV. Training / Teaching

1. Teaching Experience

2010. Lecturer at the Faculty of Agricultural, Food and Environmental Quality Sciences, The Hebrew University Of Jerusalem, Rehovot Israel. **Genetic Engineering course** for B.Sc., M.Sc. and Ph.D. students.

2009-Present. Lecturer Al-Qasemi Academic College of Education, Baqa-Elgharbiya, Israel. **Science and Technology Course.**

1996-Present. Lecturer, Beit-Berl Academic College, Beit-Berl, Israel.
1. Molecular Biology. 2. Basic Genetics. 3. Molecular Biotechnology.
4.Genetic Engineering. 5. Food and Nutrition. 6. Introductory Biology.

2000. Lecturer at the Faculty of Agricultural, Food and Environmental Quality Sciences, The Hebrew University Of Jerusalem, Rehovot Israel. **1. Genetic Engineering course** for B.Sc., M.Sc. and Ph.D. students. 2. **Laboratory in Plant Genetic Engineering** for M.Sc. and Ph.D. students.

1998. Lecturer of **International Course "Biotechnology in Agriculture"**. Division of External Studies, Faculty of Agricultural, Food and Environmental Quality Sciences, The Hebrew University Of Jerusalem, Rehovot Israel. **1. Introduction to Plant Genetic Engineering. 2. Laboratory in Plant Genetic Engineering.**

1994. Instructor, Statistics for Medical Professionals. Kaplan Hospital, Rehovot, Israel.

1989-1994. Research Assistant, the Hebrew University, Dep. of Field Crops, Vegetables and Genetics. Rehovot, Israel. **1. Statistics and Experimental Design. 2. Introduction to basic Genetics. 3. Introduction to Molecular Biology. 4. Laboratory of Plant Genetic Engineering.**

1985-1987. Lecturer, Beit-Berl College. Beit-Berl. Israel. 1. **Introduction to Basic Biology. 2. Introduction to basic Genetics. 3. Short Course on Human Anatomy and Physiology.**

1984-1987. Research Assistant, Tel-Aviv University, Dep. of Botany. Ramat-Aviv, Israel. **Plant Biology Laboratory Course**.

1984. High school Teacher. Iben Sinna High School. Kalansawa Village, Israel.

1985. High school Teacher, Mekif Jaffa High School. Tel-Aviv, Israel.

2. Student guidance

2003-2006 Haim Tager M.Sc. Thesis: "Development and application of diagnostic tool for simultaneous detection of four quarantine viruses by combining multiplex RT-PCR and Macroarry DNA hybridization". PPIS, Bet-Dagan. Co-Supervisor Dr. Shai Morin, Faculty of Agricultural, Food and Environmental Quality Sciences, The Hebrew University Of Jerusalem.

2007-2010: Ravit Tam, M.Sc. Student in Biotechnology, Bar-Ilan University. Thesis: "Development of diagnostic tool for simultaneous Detection of Tobamoviruses by Multiplex RT-PCR and Reversed dot blot Hybridization". Co supervisors: Professor Abed Gera, A.R.O. Volcani Center, Bet-Dagan, Israel; Professor Ronit Sarid, Faculty of Life Sciences, Bar-Ilan University, Israel.

V. Editorial Experience

2009	Reviewer of manuscripts for *Plant Disease*
2009	Reviewer of manuscripts for *Journal of Virological Methods*
2004 - Present	Reviewer of BARD proposals
2005 - Present	Reviewer of manuscripts for *Phytoprasitica* and *Mediterranean Phytopathologia*
2006	Scientific reviewer of the Arabic version of the International PISA science exams, organized by the Ministry of Education
2007	Scientific reviewer of the Arabic version of the book "gene coaches" published by TELEM.

VI. Participation in International Meetings, Seminars, Courses, Tours and Similar Function

1990	The VIII International Virology Congress. Berlin, Germany. (poster)
1991	European Molecular Biology Organization (EMBO) Advanced Plant Molecular Biology Laboratory Course. Max-Plank Institute fur Pflantzen Zuchtungsforschung. Koln, Germany (attended)
1993	The IX International Virology Congress. Glasgow, Scotland. (poster)
1994	International Bemisia workshop, Shoresh, Israel. (poster)
1994	Proceedings of 10th Anniversary Symposium of The Otto Warburg Center for Agricultural Biotechnology "Molecular Biology in Plant Breeding: Theoretical, Practical and Legal Aspects" Held at the Faculty of Agriculture, Food and Environmental Quality Sciences of the Hebrew University of Jerusalem, Rehovot Israel. (invited speaker)

1996 Molecular aspects of the relationships between tomato yellow leaf curl virus and its vector *Bemisia tabaci*. In Rockefeller conference on Whiteflies and Viruses: Menace to World Agriculture, Bellagio Italy. (invited speaker, full reimbursement of expenses).

1997 The 19th Congress of The Israeli Phytopathological Society ARO, The Volcani Center, Bet Dagan, Israel. (speaker)

1998 Proceeding of the 2nd symposium on *Bemisia* and geminiviral diseases, San Juan, Puerto Rico. (two posters)

1988 The 20th Congress of The Israeli Phytopathological Society ARO, The Volcani Center, Bet Dagan, Israel. (abstract).

2000 10th International Symposium on Virus Diseases of Ornamental Plants. Annapolis, MD, USA. (abstract).

2001 The 22th Congress of The Israeli Phytopathological Society, ARO, The Volcani Center, Bet Dagan, Israel. (abstract).

2006 The 27th Congress of The Israeli Phytopathological Society, ARO, The Volcani Center, Bet Dagan, Israel. (speaker)

2006 The 27th Congress of The Israeli Phytopathological Society, ARO, The Volcani Center, Bet Dagan, Israel**.** (abstract).

2006 The 27th Congress of The Israeli Phytopathological Society, ARO, The Volcani Center, Bet Dagan, Israel. (abstract).

2006 Multinational Research and Development (MARD) Symposium of Biotechnology in Agriculture. Amman, Jordan.. (invited speaker, full reimbursement of expenses).

2006 Genetic engineering in the service of Humans symposium. Beit-Berl College. (speaker and organizer)

2007 The 28th Congress of The Israeli Phytopathological Society, ARO, The Volcani Center, Bet Dagan, Israel. **(**2 abstracts).

2007 The International Congress on Plant Protection, held in Shefayiim, Israel. (invited speaker)

2008 The International workshop on Virus and Virus-like diseases in ornamentals, held in Haarlem, Holland.

VII. Membership in Professional Societies

1.The Israeli Phytopathological Society.

2. The international Society of Plant Molecular Biology

VIII. Research Grants

(A) International Competitive Grants

1997-2000 **BARD grant**. **Title:** Genetic transformation of flowering bulb crops for virus resistance. Cooperating investigator with Gera A; Watad A; Hsu H; Kamo K; and Ueng P. project No. IS-2760-96, for 3 years. Budget total $ 100,000/year.

2006-2011 **Full proposal** Middle East Regional Cooperation (MERC) Program **MERC/USAID Program M24-022. Title:**Disease-indexing and mass propagation of superior strawberry cultivars. Cooperating Investigator with Freeman, S; Spiegel, S; Khayat, E; Ganayim, N; Raggab, M; and Martin, D.

For 5 years. Budget: Total $984,200.

2009-2012 **Full proposal** Middle East Regional Cooperation (MERC) Program **MERC/USAID Program M27-063. Title:** Monitoring of cereal virus and virus-like diseases for prevention through regional quarantine system. Principal Investigator with Aboul-Ata, E., Czosnek, H., Anfoka, G., and Redinbaugh, M.G. for 3 years. Budget: Total 18000/year.

IX. Awards and Scholarships

1991 **Recipient of the:** Travel expenses grant from the **German-Israel Fund for Research and Development** for funding travel expenses to attend European Molecular Biology Organization (EMBO) Advanced Plant Molecular Biology Laboratory Course in Max-Plank Institute fur Pflantzen Zuchtungsforschung. Koln, Germany.

1994-1996 **Recipient of the:** U.S.A-Israel Binational Research and Development Fund **(BARD) Postdoctoral Fellowship** Grant at Prof. Douglas Maxwell Laboratory in the Plant Pathology department of Wisconsin-Madison University, Madison-USA

1996-1997 **Recipient of the:** Postdoctoral Fellowship Grant of the **Golda Meir Fellowship Fund** at Prof. Czosnek laboratory in the department of Vegetables, Field Crops and Genetics of the Faculty of Agricultural, Food and Environmental Quality Sciences, The Hebrew University Of Jerusalem, Rehovot Israel.

1997-1998 **Recipient of the:** Postdoctoral Fellowship Grant of the **Levy Eshkol Fellowship Fund,** granted by the Ministry of Science and the Arts of the state of Israel at the laboratory of Prof. Abed Gera laboratory in the Virology department, A.R.O. Bet Dagan, Israel.

Mouhammad Zeidan June, 2010

Part II: LIST OF PUBLICATIONS

Peer Reviewed

1. Sneh, B., **Zeidan, M.,** Ichelevich-Auster, M., Barash, I., and Koltin, Y. 1986. Increased growth responses induced by a non-pathogenic *Rhizoctonia solani*. *Can. J. of Botany. 64:2372-2378.*
2. Zakay, Y., Navot, N., **Zeidan, M.,** Kedar, N., Rabinowitch, H.D., Czosnek, H., Zamir, D. Czosnek, H.1991. Screening of *Lycopersicon* accessions for resistance to tomato yellow leaf curl virus: presence of viral DNA and symptom development. *Plant Dis. 75:279-281*.
3. Navot, N., Pichersky, E., **Zeidan, M.,** Zamir, D. and Czosnek, H. 1991. Tomato yellow leaf curl virus: a whitefly-transmitted geminivirus with a single genomic component. *Virology. 185:151-161*.
4. **Zeidan, M.** and Czosnek, H. 1991. Acquisition of tomato yellow leaf curl virus by the whitefly *Bemisia tabaci*. *J. Gen. Virol. 72:2607-2614*.

5. Navot, N., **Zeidan, M.,** Pichersky, E., Zamir, D. and Czosnek, H. 1992. Use of the polymerase reaction to amplify tomato yellow leaf curl virus DNA from infected plants and viruliferous whiteflies. *Phytopathology 82:1199-1202*.
6. Kunik T, Salomon R, Navot N, **Zeidan M**, Michelson I, Zamir D, Gafni Y and Czosnek H. 1994. Transgenic tomato plants expressing the tomato yellow leaf curl virus capsid protein are resistant to the virus.*BioTechnology. 12:500-504*.
7. Zamir D, Michelson I, Zakay Y, Navot N, **Zeidan M**, Sarfatti M, Eshed Y, Harel E, Pleban T, van-Oss H, Kedar N, Rabinowitch H and Czosnek H. 1994. Mapping and introgression of a tomato yellow leaf curl virus tolerance gene, *Ty-1*. *Theoretical and Applied Genetics* 88:141-146.
8**. Zeidan M**. and Czosnek H. 1994. Acquisition and transmission of *Agrobacterium* by the whitefly *Bemisia tabaci*. *Molecular Plant Microbe Interactions 7:792-798*.
9. Zchori-Fein E, Faktor O, **Zeidan M**, Gottlieb Y, Czosnek H and Rosen D. 1995. Parthenogenesis-induced microorganisms in *Aphytis* (Hymenoptera: Aphelinidae). *Insect Molecular Biology* 4:173-178.
10. Ghanim M., Morin S, **Zeidan M** and Czosnek H. 1998. Evidence for transovarial transmission of tomato yellow leaf curl virus by its vector the whitefly *Bemisia tabaci. Virology* 240:295-303.
11. **Zeidan M**, Cohen Y and Gera A. 1998. Improved purification method for biological and molecular characterization of *Ornithogalum* mosaic virus in Israel. *Ann. Appl. Biol., 133:167-176*.
12. **Zeidan M**, Green S, Maxwell DP, Nakhla MK and Czosnek H. 1998. Molecular analysis of whitefly-transmitted tomato geminiviruses from Southeast and East Asia. *Tropical Agriculture Research and Extension. 494:761-764.*
13. Cohen, J., **Zeidan M.,** Rosner, A. and Gera, A. 1999. Biological and molecular characterization of new Carlavirus infecting *Aconitum*. *Phytopathology 90:340-44*.
14. Morin S., Ghanim M., **Zeidan M.** Czosnek H. Verbeek M. and van den Heuvel J. (1999). A GroEL homologue from endosymbiotic bacteria of *Bemisia tabaci* is implicated in the circulative transmission of Tomato yellow leaf curl virus. *Virology 256:75-84*.
15. **Zeidan M**., Sikron, N., Cohen Y. and Gera A, (2000). Improved detection of Petunia vein clearing caulimovirus. *HortScience* 35:1279-1282.
16. Gera A, Sikron, N., Cohen, J., and **Zeidan M** (2000). First report of Petunia vein clearing virus in Israel. *Plant Disease 84:201*.
17. Kritzman, A., Beckelman, E., Alexandrov, S., Cohen, J., Lampel, M., **Zeidan, M.,** Raccah, B., and Gera, A. 2000. Lisianthus leaf necrosis: A new diseases of *Lisianthus* caused by Iris yellow spot virus. *Plant Dis. 84:1185-1189*.
18. Muniyappa, V., Venkatesh, H. M., Ramappa, H. K., Kulkarni, R. S., **Zeidan, M**., Tarba, C. Y., Ghanim, M., Czosnek, H. 2000. Tomato leaf curl virus from Bangalore (ToLCV-Ban4): sequence comparison with Indian ToLCV isolates, detection in plants and insects, and vector relationships. *Archives of Virology145: 1583-1598.*
19. Cohen, J., Rosner, A., Kagan, S., Lampel, M., Maslenin, L., **Zeidan, M.** and Gera, A. 2001. A new disease in *Tabernaemontana* associated with Tobacco mild green mosaic virus. *Ann. Appl. Biol.* 138, 153-159.

20. Cohen, J., Rosner, A., Maslenin, . L., Mor, N., Lampel, M., **Zeidan M.,** and Gera, A. 2002. Lettuce Mosaic Potyvirus is the Causal Agent of a New Disease in *Bupleurum* spp. *Phytoparasitica 30,.88-95*.
21. Cohen, J., **Zeidan, M.,** Feigelson, L., Maslenin, L., Rosner, A., and Gera, A. 2003. Characterization of a distinct carlavirus isolated from *Verbena*. *Arch. Virol.* 148, 1007-1015.
22. Gera, A., Maslenin, L., Rosner, A., **Zeidan, M.,** Pivonia, S., and Weintraub, P. G. 2004..A new disease in Limonium hybrids. I. Molecular identification. *HortScience* 39, 1056-1059.

23. Gera, A., Mawassi, M. **Zeidan, M.** Spiegel S. and Bar-Joseph M**.** 2005..An isolate of '*Candidatus* Phytoplasma australiense' group associated with Nivun-Haamir-Die Back disease of papaya in Israel. *New Disease Reports* 11.

24. Adkins, S., Hammond, J., Gera, A., Maroon-Lango, C. J., Sobolev, I., Harness, A., **Zeidan, M.** and S. Spiegel 2006. Biological and Molecular Characterization of a novel Carmovirus isolated from Angelonia. *Phytopathology,* 96: 460-467.
25. Spiegel, S., **Zeidan, M.** Sobolev, I., Beckelman, A., Holdengreber, V., Tam, Y., Bar-Joseph, M., Lipsker, Z., and Gera, A. 2006. The complete nucleotide sequence of Passiflora latent virus and its phylogenetic relationship to other carlaviruses. *Archives of Virology* 152: 181-189.
26. Weintraub, P.G., **Ziedan, M.,** Spiegel, S. and Gera, A. (2007). A Survey of the Known Phytoplasmas in Israel. Bulletin of Insectology 60(2), 143-144.
27. **Gera, A.,** Weintraub, P.G., Maslenin, L., Spiegel, S. and **Ziedan, M.,** (2007). A New Disease Causing Stunting and Shoot Proliferation in *Gypsophila* is Associated with Phytoplasma. Bulletin of Insectology 60(2), 271-272.
28. Pasquini, G., Barba, M., Hadidi, A., Faggioli, F., Negri , R., Sobol, I. Tiberini, A., Caglyan, K., Mazyad, H., Anfoka, G., Ghanim, M., **Zeidan, M.** and Czosnek, H. (2008). Microarray-based detection and genotyping of Plum pox virus. *J. Virol. Methods* 147:118-126.
29. Aboul-Ata, A-A. E., Anfoka, G., **Zeidan, M.,** and Czosnek, H. (2010). Diagnosis of Cereal Viruses in the Middle East. *Journal of International Virology* (in Press).

Publications in Acta Horticulture

30. Czosnek H, **Zeidan M**, Ekstein I, Zur-Kunik T, Gafni Y, Gronenborn B and Zamir D 1994. Tomato yellow leaf curl virus, a geminivirus with a single genomic component: molecular analysis of infection and new ways for tomato protection. *Acta Horticulturae.* 377:251-257.
31. Michelson I, **Zeidan M**, Zamski E, Zamir D and Czosnek H 1997. Localization of tomato yellow leaf curl virus (TYLCV) in susceptible and tolerant nearly isogenic tomato lines. *Acta Horticulturae* 447:407-414.

Reviewed papers in books

32. Zamir D, Zakay Y, **Zeidan M** and Czosnek H 1992. Combating the tomato yellow leaf curl virus in Israel: the agrotechnical and the genetics approaches. In: Resistance of the tomato to TYLCV. Laterrot H. ed. Avignon, INRA Press, France.

pp.9-13.

33. **Zeidan M**., and Ben-Zeev, I. 2000. Apple Viral diseases and Phytoplasmas. In "Growing Apple", Zur A. and Gur, A. eds. Israel Board for Fruit Production and Marketing Publications. Hauser Publishers. 2000. Tel-Aviv. pp. 323-333. (in hebrew).
34. Czosnek H., Ghanim M., Morin, S., Rubinstein, G., Fridman, V. and **Zeidan, M**. 2001. Whiteflies: vectors, and victims (?), of geminiviruses. In "Advances in Virus research", Maramorosch K Ed., Academic Press, New York, 57:291-322.
35. Czosnek H., Morin S., Rubinstein G., Fridman V., **Zeidan, M.** and Ghanim, M. 2001. Tomato yellow leaf curl virus, a sexually transmitted disease of whiteflies. In "Virus-Vector-Plant Interactions", Harris KF, Smith OP and Duffus JE Eds., Academic Press, New York, pp. 1-27.

papers in national journals

36. Cohen, J., **Zeidan, M.**, Alexandrova, S., Guthman, S., Zuriel, S., and Gera, A. 2000. Yellows disease in Cosmus in Israel. *Dafi-Medaa*, 4: 77-78. (in Hebrew).
37. Cohen, J., **Ziedan, M.,** Alexandrov, S., Ben-David, Z., and Gera, A. 2000. Verbesina encelioides, a new host for the yellow disease in Israel. Pracheem 2, 72-3.
38. Gera, A., Cohen, J., Alexandrova, S., Oko, A., Nevon, A., Pivonia, S., Zuberi, S., and **Zeidan, M.** 2001.A new disease in Limmonium caused by phytoplasma. *Perahim*, 5: 51-53. (in Hebrew).
39. **Gera, A.**, Tamari, Y., Lampel, M., Maslenin, L., Rosner, A. and Zeidan, M.(2004). Detection of tobacco streak virus (TSV) in phlox. Pracheem 31, 56-57.
40. **Gera, A**., Spiegel, S., Zieman, V., Zeidan, M., Spiegel, E., Hdad, S., and Mimon, R. 2004. Production of virus-free pelargonium. Pracheem. (in Hebrew).
41. Gera, A., Mor, N., Nevon, A., Oko, A., Maslenin, L., Mawassi, M.**, Zeidan, M.**, Weitraub, P.G., and Spiegel, S., 2005. A new disease of Gypsophylla caused by Phytoplasma. *Olam Haperah, October-November:* 34-35. (in Hebrew).
42. **Gera, A**., Beckelman, H., Lipsker, Z., Sobolov, I., Zeidan, M., and Spiegel, S. 2005. Identification and characterization of a Carmovirus from Angelonia. Olam Haperach, September-October, 56-57. (in Hebrew).
43. Spiegel, S., Sobolev, I., Beckelman, A., Lipsker, Z., Bar-Joseph, M., Gera, A., Lin, A., and **Zeidan, M.** 2005. Identification of passiflora latent virus in the variety "Passion Dream" of Passion fruit in Israel.*Alon Hanotea*, 59: 445-448. (in Hebrew).
44. Spiegel, S., **Zeidan, M.** Maslenin, L., Gur, S., Holdengerber, V., and Gera, A., 2006. Phytoplasma causing a disease in Lavandula stoechas.*Olam Haperah*, April: 52-53. (in Hebrew).
45. Spiegel, S., Gera, A., Tam, J., Weintraub, P. G., and **Zeidan, M.** 2006. First report of phytoplasma in Cherry (*Prunus avium*) from the Golan Hights in Israel. *Alon Hanotea*, Alon Hanotea, 60, 40-44. (in Hebrew).
46. Gera, A., Beckelman, H., Lipsker, Z., Maslenin, L., Spiegel, S., and **Ziedan, M.** (2007). Identification of tobacco mild green mosaic virus in Torenia, Petunia and Calibrachoa. Olam Haperach Sept-Octo, 58-60. (in Hebrew).
47. Gera, A., Beckelman, H., Tam, J., and **Ziedan, M.** (2009). Diagnosis and its

contribution for preventing plant viruses in Vegetables. "Sadeh Veyarak" The Professional Magazine of Vegetables Growers Organization, Vol 12 (Sep.-Oct-09). (in Hebrew).

48. Gera, A., Maslenin, L., Abu-Ras, A., and **Ziedan, M.** (2009). Viroids in ornamentals. "Olam Haperach" (Sep.-Oct-09). (in Hebrew).

Abstracts Published in Proceedings of Symposia

1. **Zeidan M**, Czosnek H, (1993). Acquisition and retention of tomato yellow leaf curl virus by its insect vector, the whitefly *Bemisia tabaci*. Israeli-French Binational symposium of plant virology. Paris, France. **(abstract)**
2. Czosnek H, **Zeidan M**, Ekstein I, Navot, N., Kunik T, Gafni Y, Gronenborn B and Zamir D (1993). Protection of tomato from the tomato yellow leaf curl virus (TYLCV) by genitically engineering the tomato and fooling the insect vector. Israeli-French Binational symposium of plant virology. Paris, France. **(abstract)**
3. **Zeidan M** and Czosnek H. (1994).Replication of tomato yellow leaf curl virus in its insect vector, the whitefly *Bemisia tabaci* . International *Bemisia* workshop, Shoresh, Israel. **(abstract)**
4. Kunik T., Salomon R., Gafni, Y., Navot, N., **Zeidan M**, Michelson, I., Zamir, D. and Czosnek H. (1994). Engineering tomatoes for resistance to tomato yellow leaf curl virus. Proceedings of 10 th Anniversary Symposium of The Otto Warburg Center for Agricultural Biotechnology "Molecular Biology in Plant Breeding: Theoretical, Practical and Legal Aspects" Held at the Faculty of Agriculture, Food and Environmental Quality Sciences of the Hebrew University of Jerusalem, Rehovot Israel. **(speaker)**.
5. **Zeidan M**, Ghanim, M., Morin, S., and Czosnek, H. (1996). Molecular aspects of the relationships between tomato yellow leaf curl virus and its vector *Bemisia tabaci* In: K.Harris (Ed.) Whiteflies and Viruses: Menace to World Agriculture. Rockefeller conference 1996, Bellagio. **(invited speaker)**.
6. Ghanim, M., **Zeidan, M.,** and Czosnek, H. (1996). Multiplication and transovarial transmission of Tomato Yellow Leaf Curl Virus (TYLCV) in its Vector, the Whitefly *Bemisia tabaci.* The Xth International Congress of Virology, Binyanei haooma, Jerusalem, Israel. **(abstract)**
7. **Zeidan, M.,** Cohen, J., and Gera, A. **(**1997). Biological and Molecular Characterization of Ornithogalum Mosaic Virus. The 19th Congress of The Israeli Phytopathological Society ARO, The Volcani Center, Bet Dagan, Israel. **(speaker).**
8. Czosnek, H., Ghanim, M., Rubinstein, G., Morin, S., Atzmon, G., Van-Hoss, H., and **Zeidan, M.** (1998). Whitefly – *Tomato yellow leaf curl virus* (TYLCV-IS) interaction, or are geminiviruses insect pathogens. Proceeding of the 2nd symposium on *Bemisia* and geminiviral diseases, San Juan, Puerto Rico. **(abstract)**
9. Morin, S., Ghanim, M., **Zeidan, M.,** Czosnek, H., Verbeek, M., and Van Den Huevel, J.F.J.M. (1998). A GroEL homologue from the endosymbiotic bacteria of *Bemisia tabaci* is associated with circulative transmission of *Tomato yellow leaf curl virus* (TYLCV-Is). Proceeding of the 2nd symposium on *Bemisia* and geminiviral diseases, San Juan, Puerto Rico. **(abstract)**
10. Cohen, J., **Zeidan, M.,** Frank, A., Beckelman, H., Guttman, S. and Gera, A (1998). Viruses in Aconitum *Phytoparasitica* 26, 166-167.

11. **Zeidan, M.,** Cohen, and Gera, A (1998). Biological and molecular characterization of ornithogalum mosaic virus (OMV). *Phytoparasitica* 26, 167.
12. Cohen, J., Rosner, A., Kagan, S., Lampel, M., Beckelman, H., **Zeidan, M.** and Gera, A. (2000). A new disease in Tabernamontana caused by Tobacco mild green mosaic virus. 10th International Symposium on Virus Diseases of Ornamental Plants. Annapolis, MD, USA. (abstract).
13. Cohen, J., Rosner, A., Sima Kagan, J., Gotleb, M., **Zeidan, M.,** and Gera, A. (2001). Detection of Tobacco Mild Green Mosaic Virus in *Tabernaemontana.* The 22th Congress of The Israeli Phytopathological Society, ARO, The Volcani Center, Bet Dagan, Israel. **(abstract)**.
14. Tager, H., Morin, S., Gofman, R., Tevarovskey, E., and **Zeidan, M.** (2006). Simultaneous diagnosis of four quarantine viruses infecting bulb and floral crops by combining multiplex RT-PCR and macroarray DNA hybridization. The 26th Congress of The Israeli Phytopathological Society, ARO, The Volcani Center, Bet Dagan, Israel. *Phytoparasitica* **. (speaker).**
15. Levy, E., Elkind, G., **Zeidan, M.,** Teverovskey, E., and Ben-Ze`ev, I., (2006). Identification of *Phytophthora* species by morphology and molecular biology methods. The 26th Congress of The Israeli Phytopathological Society, ARO, The Volcani Center, Bet Dagan, Israel. **(abstract)**
16. **Zeidan, M.** (2006). Plant Viral and virus like pathogens diagnosis. Multinational Research and Development (MARD) Symposium of Biotechnology in Agriculture. Amman, Jordan. **(speaker).**
17. **Zeidan, M.,** (2006). Biotechnology for Plant pathogens diagnosis. In: "Genetic engineering in the service of Humans" symposium. Beit-Berl College. **(organizer and speaker).**
18. Gera, A. Maslenin, L., Rosner, A., **Zeidan, M.** and Weintraub, P.G. (2006). Phytoplasma diseases in ornamental crops in Israel. Acta Hort. 722:155-163.
19. Gera, A. and, **Zeidan, M.** (2006). New and emerging virus disease in ornamental crops in Israel. Acta Hort. 722:175-181.
20. Ben-Ze`ev, I., Elkind, G., Teverovskey, E., **Zeidan, M.,** and Levy, E., (2007). The species *Fusarium proliferatum* in Israel. The 28th Congress of The Israeli Phytopathological Society, ARO, The Volcani Center, Bet Dagan, Israel.
21. Levy, E., Zilberstein, M., Elkind, G., **Zeidan, M.,** Teverovskey, E., and Ben-Ze`ev, I. (2007). *Neonectria radicicola* in Avocado root systems in Israel. The 28th Congress of The Israeli Phytopathological Society, ARO, The Volcani Center, Bet Dagan, Israel.
22. **Zeidan, M.**, (2007). Molecular tools for Diagnosis of Virus and Virus-like diseases in plants. In: The International congress of Plant Protection, Shefayiim, Israel. March 2007. **(invited Speaker).**
23. **Zeidan, M. (2010).** How far are we from Personalized Medicine. In: First Dentistry Conference, Dentistry: Interdisciplinary Treatment. Al-Qasemi Academic College. **(invited Speaker).**