

Curriculum Vitae

Gal Sapir

Studies

- 2007 – 2008 “Cellar Master” at Tel-Hai Academic College, Upper Galilee
- 2003 - 2008 Ph.D. at the Hebrew University of Jerusalem, the Faculty of Agricultural, Food and Environmental Quality. Department of Horticulture. Ph.D. Proposal: “Gametophytic self incompatibility in Japanese plum (*Prunus salicina*) - Investigation of system and its horticultural impact”. Supervisors: Prof. Martin Goldway and Dr. Sharoni Shafir.
- 2000 – 2002 M.Sc. at Tel-Aviv University. Ecology Program in Plant science. Thesis title: Genetic and ecological aspects of pollination and fertilization in the Japanese plum (*Prunus salicina*). Supervisors: Dr. Martin Goldway and Prof. Dan Eisikowitch.
- 1997-2000 B.Sc. at Tel-Hai Academic College, Upper Galilee. Biotechnology and Environmental Science.

Publications

- Sapir, G.**, R. A. Stern, D. Eisikowitch and M. Goldway. 2004. Cloning of four new Japanese plum S-alleles and determination of the compatibility between cultivars by PCR analysis. *J. Hort. Sci. Biotech.*, **79**:223-227.
- Zisovich, A.H., Stern, R.A., **Sapir, G.**, Shafir, S. and Goldway, M. 2004. The RHV region of S-RNase in the European pear (*Pyrus communis*) is not required for the determination of specific pollen rejection. *Sex Plant Rep.* 17: 151-156.
- Sapir, G.**, R.A. Stern, S. Shafir, and M. Goldway. 2007. Multiple introduction of honeybee colonies increases cross-pollination, fruit-set and yield of ‘Black Diamond’ Japanese plum (*Prunus salicina* Lindl.) *J. Hort. Sci. Biotec* – 82: 590-596.

- Sapir, G.**, R.A. Stern, S. Shafir, and M. Goldway. 2007. *SFBs* of Japanese plum (*Prunus salicina* Lindl.): Cloning seven alleles and determining their linkage to the *S-RNase* gene. HortScience 42: 1509-1512
- Goldway, M., **G. Sapir**, and R.A. Stern. 2007. Molecular Basis and Horticultural Application of the Gametophytic Self-incompatibility System in *Rosaceae* Tree Fruits, p. 215-237. In: Plant Breeding Reviews. Wiley Publishing, USA.
- Stern, R.A., **G. Sapir**, S. Shafir, A. Dag, and M. Goldway. 2007. The Appropriate Management of Honey Bee Colonies for Pollination of *Rosaceae* Fruit Trees in Warm Climates. Middle Eastern and Russian Journal of Plant Science and Biotechnology 1(1), 13-19.
- Goldway M, **G. Sapir**, A. Raz, and R.A. Stern. 2007. The Molecular Understanding of the S-RNase – Mediated Gametophytic Self-Incompatibility System and its Impact on the cultivation of *Rosaceae* Fruit Trees. *Advances in Plant Science* Vol. 10 (in press).
- Sapir, G.**, R.A. Stern, S. Shafir, and M. Goldway. 2008. Full Compatibility is Superior to Semi-Compatibility for Fruit Set in Japanese Plum (*Prunus salicina* Lindl.) Cultivars. Scientia Horticulturae 116 (4), 394-398.
- Sapir, G.**, R.A. Stern, S. Shafir, and M. Goldway. 2008. S-RNase based S-genotyping of Japanese plum (*Prunus salicina* Lindl.) cultivars. Scientia Horticulturae 118, 8–13

Work

- 2007 - Viticulture Researcher – Northern Agricultural R&D.
- 2000-2008 Teaching “Lab in Microbiology” course for undergraduate student at Tel-Hai Academic College, Upper Galilee.
- 2000-2008 Teaching “Lab in Molecular Genetics” course for undergraduate student at Tel-Hai Academic College, Upper Galilee.
- 2000-2008 assistant teachers in “Industrial Microbiology”. Lab in “micro vinification”. Course for undergraduate student at Tel-Hai Academic College Upper Galilee.
- 1996-1997 Post-Army year of service in the Kibbutz.
- 1990-1996 military service
- 1989-1990 A year of voluntary in youth movement with teenagers in Haifa.

Academic Activity

- 2007 *Accepted oral Presentation at the ASHS (American Society for Horticultural Science) in Scottsdale, Arizona.
- 2002 * Poster presentation at the IASPRR (International Association for Sexual Plant Reproduction Research) Lublin, Poland.

Awards and Scholarships

- 2000 – 2004 “potential professional leaders in horticulture” awarded by the Israeli Fruit Organization.

Professional referees

Prof. Martin Goldway - Goldway@migal.org.il

Dr. Raffi Stern – raffi@migal.org.il

Dr. Sharoni Shafir - shafir@agri.huji.ac.il