

CURRICULUM VITAE

Lior Rubinovich

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1. University Education and Additional Training

Dates	Description
2004 – 2006	B.Sc. in Plant sciences (graduated with excellence) at The Robert H. Smith Faculty of Agriculture, Food and Environment, The Hebrew University of Jerusalem.
2007 – 2008	M.Sc. in Biotechnology at The Robert H. Smith Faculty of Agriculture, Food and Environment, The Hebrew University of Jerusalem. Title of thesis: (moved on to the direct track to Ph.D.) Supervision by: Prof David Weiss
2008– 2013	Ph.D. in Plant Sciences (direct track) at The Robert H. Smith Faculty of Agriculture, Food and Environment, The Hebrew University of Jerusalem. Title of thesis: “The role of GASA proteins in gibberellin responses and redox regulation” Supervision by: Prof David Weiss
2013 – 2015	Postdoctoral position at Migal research institute at Prof Rachel Amir lab. Research subject: Establishment of <i>Punica granatum L.</i> peel cell culture for the production of bioactive compounds

2. Positions Held

Dates	Description
2016 - 2019	Research Scientist (P.I.) at Migal-Northern Agriculture R&D
2019- present	Senior Research Scientist (P.I.) at Migal-Northern Agriculture R&D
2018- present	Co-founder and acting director, AgroCulture LTD, Israel

3. Training / Teaching Experience

Dates	Description
2008 - 2013	Teaching assistant, the Hebrew University of Jerusalem Title of the course: Plant physiology
2014- 2016	Teaching assistant, Tel Hai college Title of the courses: Cell biology, Plant biotechnology, Plant hormones
2019-Present	Lecturer, Tel Hai college Title of the courses: Crop science and physiology, Sub-tropical fruit trees, Botany

LIST OF PUBLICATIONS

1. Articles in Reviewed Journals

1. **Rubinovich, L.** and Weiss, D. (2010). The Arabidopsis cysteine-rich protein GASA4 promotes GA responses and exhibits redox activity in bacteria and in planta. *Plant J.* **64**:1018–27.
2. **Rubinovich, L.**, Ruthstein, S. and Weiss, D. (2014). The Arabidopsis cysteine-rich GASA5 is a redox-active metalloprotein that suppresses gibberellin responses. *Mol. Plant.* **7**:244–7.
3. Galili, S., Hovav, R., Bellalou, A., Amir-Segev, O., Badani, H., **Rubinovich, L.**, Asher, A., Faraj, T. and Singer, A. (2018). Utilization of natural variation in *Cephalaria joppensis* to diversify wheat forage crop rotation in Israel. *Isr. J. Plant Sci.* **65**:195-201.
4. **Rubinovich, L.**, Segev, B., Habashi, R., Con, P. and Amir, R. (2019). Establishment of *Punica granatum* L. peel cell culture to produce bioactive compounds. *Plant Cell Tissue Organ Cult.* **138**: 131-140.
5. Bar-Noy, Y., Sofer-Arad, C., Perel, M., Cohen, H., Senesh, N., Noy, M. and **Rubinovich, L.** (2019). Frost protection efficiency evaluation in avocado with a horizontal wind machine. *Fruits* **74**:124-129.
6. Weil, A., Sofer-Arad, C., Bar-Noy, Y., Liran, O. and **Rubinovich, L.** (2019). Comparative study of leaf antioxidant activity as a possible mechanism for frost tolerance in ‘Hass’ and ‘Ettinger’ avocado cultivars. *J. Agric. Sci.* **157**: 342-349.
7. Asher, A., Galili, S., Whitney, T. and **Rubinovich, L.** (2020). The potential of quinoa (*Chenopodium quinoa*) cultivation in Israel as a dual-purpose crop for grain production and livestock feed. *Sci. Hortic.* (Amsterdam) **272**, 109534.

2. Articles in reviewed journals in Hebrew

1. Asher, A., Galili, S. and **Rubinovich, L.** (2017). The development of Quinoa (*Chenopodium quinoa*) as a new crop in Israel- observation summary. Nir Va Telem, 71:21-26.
2. Asher, A., Sadan, A., Galili, S. and **Rubinovich, L.** (2017). Potential evaluation of Quinoa (*Chenopodium quinoa*) as a new winter crop. Nir Va Telem, 75:22-28.
3. Sidan, G., Daklo-Keren, M., Abu-Aklin, W., Sokolskia, R., **Rubinovich, L.**, Asher, A., Ballelo, A., Londner, A., Amir-Segev, O. and Galili, S. (2019). Characterization of different factors affecting quinoa germination under controlled conditions. Nir Va Telem, October 1-9.

4. Ballelo, A., Daklo-Keren, M., Abu-Aklin, W., Sidan, G., Sokolskia, R., **Rubinovich, L.**, Asher, A., Londner, A., Amir-Segev, O., Farber, A. and Galili, S. (2020). Influence of sawing date of quinoa mother plants on seed germination. Nir Va Telem, August 1-9.

3. Book Chapters

1. **Rubinovich, L.** and Amir, R. (2014). Characterization of pomegranate`s health benefiting bioactive compounds, taste, color and post-harvest fruit quality by studying a wide collection of diverse accessions. In: *Instrumental Methods for the Analysis of Bioactive Molecules*, 10: 201-215. American Chemical Society: Washington, DC.

4. Articles in Non-Reviewed Journals in Hebrew and English

1. **Rubinovich, L.**, Lurie G., Ziv O. Weiss D. (2009) *Eucomis autumnalis*: propagation, storage and post-harvest. *Olam Haperach*. February 48-50.
2. **Rubinovich, L.**, Ziv O. Weiss D. (2009) *Tagetes lemmonii* a new fragrant cut green. *Olam Haperach*. October-November 52-53.
3. **Rubinovich, L.**, Ziv O. Weiss D. (2010) *Lepidium virginicum*: Flowering and post-harvest. *Olam Haperach*. January-February 52-53.
4. **Rubinovich, L.**, Ziv O. Weiss D. (2011) MOP MERKAZ: Introduction of new cut flowers and cut green. *Prachim Bareshet*. July 5-6.
5. **Rubinovich, L.**, Lurie G., Ziv O. Weiss D. (2012) Flowering control of “Pineapple Flower”- *Eucomis autumnalis*. *Prachim Bareshet*.
6. Weiss, D., Lurie, G., Ziv, O. and **Rubinovich, L.** (2014) Flowering control of “Pineapple Flower” for flowering pot plants- *Eucomis alba*. *Alon Anaf Haprachim*. June 11, 81-86.
7. Cohen, H., Levine, A. and **Rubinovich, L.** (2016). Agricultural management of `Hass` Avocado orchards. *Alon Hanotea* 70:32-37.

5. Allowed Patents and Registered Cultivars

1. **Rubinovich, L.**; Amir, R. (2015) *Punica Granatum L.* fruit peel cell culture. Provisional patent.
2. **Rubinovich, L.**; Amir, R. (2018) *Punica Granatum L.* fruit peel cell culture. Provisional patent.
3. **Rubinovich, L.** (2019) Frost resistant Avocado Hass clones (submitted).