Navot Galpaz

Education

2003-2008 Ph.D (direct track) in plant genetics at the Department of Genetics, the Hebrew University of Jerusalem.

2001-2003 M.Sc in plant genetics at the Department of Genetics, the Hebrew University of Jerusalem.

1999-2001 B.Sc in Biology at the Hebrew University of Jerusalem.

Research experience

2014-present banana and mango researcher at the Northern R & D, Kiryat Shmona, Israel.

2012-2013 Postdoctoral position at the institute of Plant Sciences, Newe Ya'ar Research Center, Agricultural Research Organization, Israel.

2011-2012 Head of projects at NRGENE technologies.

2008- 2011 Postdoctoral position at the Department of Plant Breeding and Genetics, Max Planck Institute for Plant Breeding Research, Cologne, Germany.

Awards and scholarships

2009-2010 Alexander von Humboldt Foundation post-doctoral fellowship.

2008-2009 Minerva foundation post-doctoral fellowship.

2006 Award for excellence in research, in the memory of Prof. Menashe Marcus, the department of Genetics, life sciences faculty, the Hebrew University of Jerusalem.

Publications

Freilich S, Lev S, Gonda I, Reuveni E, Portnoy V, Oren E, Lohse M, **Galpaz N**, Bar E, Tzuri G, Wissotsky G, Meir A, Burger J, Tadmor Y, Schaffer A, Fei Z, Giovannoni J, Lewinsohn E, Katzir N. (2015) Systems approach for exploring the intricate associations between sweetness, color and aroma in melon fruits. BMC Plant Biology 15:71.

Neuman H, **Galpaz N**, Zamir D and Hirschberg J. (2014). Map-based cloning of NEOXANTHIN-DEFFICIENT 1 (NXD1) in tomato sheds new light on neoxanthin synthesis. Plant J. 78:80-93.

Galpaz N, Burger Y, Lavee T, Meir A, Tzuri G, Portnoy V, Bar E, Shimoni-Shor E, Saar Y, Saar U, Baumkoler F, Lewinsohn E, Schaffer A, Katzir N and TadmorY. (2013). Transcriptional up regulation of the carotenoid pathway revealed in fruits of the melon YOF mutant. Arch Biochem Biophys. 539: 117-25.

Galpaz N & Reymond M. (2010). Natural variation in Arabidopsis thaliana revealed a genetic network controlling germination under salt stress.
Plos One, e15198. doi:10.1371.

Galpaz, N., Wang Q., Menda N., Zamir D., Hirschberg J. (2008). Abscisic acid deficiency in the tomato mutant high-pigment 3 (hp3) leading to increased plastid number and higher fruit lycopene. Plant J. 53: 717-30.

Galpaz, N., Ronen G., Khalfa Z., Zamir D., Hirschberg J. (2006).
A chromoplast-specific carotenoid biosynthesis pathway is revealed by cloning of the tomato white-flower locus. Plant Cell. 18: 1947-60.

Research Grants

2015-2017 ICSF (Israel Chief Scientist Foundation of the Ministry of Agriculture): Lowering the of screen-house grown banana plantations: evaluation of low stature clones and plant growth retardants. PI.

2016-2018 ICSF (Israel Chief Scientist Foundation of the Ministry of Agriculture): Evaluation of apple rootstocks for replanting tolerance in the local conditions. PI