

NOEMI TEL-ZUR

- **Personal Details**

Senior lecturer at French Associates Institute for Agriculture and Biotechnology of Drylands, The Jacob Blaustein Institutes for Desert Research (BIDR), Sede Boqer Campus, Ben-Gurion University of the Negev (BGU). telzur@bgu.ac.il

- **Awards, Honors and Fellowships**

2009 Recipient of Rich Foundation Prize for Excellence in Research
2006 Recipient of the Pasternak Prize for Agricultural Research
2006-2011 Mendel Wasserman Career Development Chair in Desert Studies
1998-2000 Future Leadership Program for Fruit Crops in Israel.
2001 and 1998 Recipient of Molcho Center Scholarships.
2001-2003 UCLA-BGU Program of Academic Cooperation. Postdoctoral Fellowships for Agriculture Research in Israel.

- **Professional functions outside universities/institutions (selected)**

2014 – present Israeli official representative in the Management Committee of COST Action FA1306: The quest for tolerant varieties: Phenotyping at plant and cellular level
2014-2015 Member of proposal evaluation panel (Development) for the Ministry of Agriculture and Rural Development
2011- 2014 Israeli official representative in the Management Committee of COST Action FP0905: Biosafety of forest transgenic trees: improving the scientific basis for safe tree development and implementation of EU policy directives
2011 Guest editor for "Israel Journal of Plant Sciences" - special issue entitled: *New insights in Cactaceae research*
2010 Member of proposal evaluation panel (Fruit Crop Production) for the Ministry of Agriculture and Rural Development
2008 - present Member of the International Committee of FAO-ICARDA International Technical Cooperation Network on Cactus, and working group coordinator in Pitahayas and Pitahayas (FAO-ICARDA CactusNet)

- **Scientific Publications (selected)**

Lichtenzweig J., Abbo S., Nerd A., **Tel-Zur N.** and Y. Mizrahi. 2000. Cytology and mating systems in the climbing cacti *Hylocereus* and *Selenicereus*. *American Journal of Botany* 87: 1058–1065
Nerd A., **Tel-Zur N.** and Y. Mizrahi. 2002. Fruit of vine and columnar cacti. In: P.S. Nobel (ed). *Cacti: biology and uses*. University of California Press, pp. 195–197
Tel-Zur N., Abbo S., Bar-Zvi D. and Y. Mizrahi. 2003. Chromosome doubling in vine cacti hybrids. *Journal of Heredity* 94: 329–333
Tel-Zur N., Abbo S., Bar-Zvi D. and Y. Mizrahi. 2004. Genetic relationships among *Hylocereus* and *Selenicereus* vine cacti (Cactaceae): evidence from hybridization and cytological studies. *Annals of Botany* 94: 527–534
Benega Garcia R., Schneider B. and **N. Tel-Zur**. 2009. Androgenesis in the vine cacti *Selenicereus* and *Hylocereus* (Cactaceae). *Plant Cell, Tissue and Organ Culture* 96: 191–199
Tel-Zur N., Mizrahi Y., Cisneros A., Mouyal J., Schneider B. and J.J. Doyle. 2011. Phenotypic and genomic characterization of a vine cactus collection (Cactaceae). *Genetic Resources and Crop Evolution* 58: 1075–1085
Cohen H., Fait A. and **N. Tel-Zur**. 2013. Morphological, cytological and metabolic consequences of autopolyploidization in *Hylocereus* (Cactaceae) species. *BMC Plant Biology* 13:173