Dudy Bar-Zvi, Full Professor, Department of Life Sciences, Ben-Gurion University, Beer-Sheva, Israel
E-mail: barzvi@bgu.ac.il
Selected publications:
1. Golan I, Dominguez PG, Konrad Z, Shkolnik-Inbar D, Carrari F, Dudy Bar-Zvi D; 2014. Tomato ABSCISIC ACID STRESS RIPENING (ASR) gene family revisited. PLoS ONE 13;9(10):e107117.
2. Peharec Štefanić, P, Koffler T, Adler G, Bar-Zvi D; 2013. Chloroplasts of salt-grown Arabidopsis seedlings are impaired in structure, genome copy number and transcript levels. PLoS ONE 5;8(12):e82548.
3. Shkolnik-Inbar D, Adler G, Bar-Zvi D; 2013. ABI4 downregulates expression of the sodium transporter HKT1;1 in Arabidopsis roots and affects salt tolerance. Plant Journal, 18;73(6):993-1005.
4. Ben-Daniel BH, Bar-Zvi D, Tsror Lahkim L; 2012. Pectate lyase affects pathogenicity in natural isolates of Colletotrichum coccodes and in pelA gene-disrupted and gene-overexpressing mutant lines. Molecular Plant Pathology 13(2):187-97.
5. Shkolnik-Inbar D, Bar-Zvi D; 2011. Expression of ABSCISIC ACID INSENSITIVE 4 (ABI4) in developing Arabidopsis seedlings. Plant Signal Behaviour 6(5):694-6.
6. Shkolnik-Inbar D, Bar-Zvi D; 2010. ABI4 mediates abscisic acid and cytokinin inhibition of lateral root formation by reducing polar auxin transport in Arabidopsis. Plant Cell 22(11):3560-73.
Other papers: in total 50 refeered articles in international scientific journals,
Work experience: 2010 – Full Professor, Department of Life Sciences, Ben-Gurion University of the Negev. Plant Molecular Biology; 2003-2010, Associate Professor, Department of Life Sciences, Ben-Gurion University of the Negev, Plant Molecular Biology; 2002-2003, Visiting Professor, Department of Pomology, University of California Davis, Plant Sciences; 1993-2003, Senior Lecturer, Department of Life Sciences, Ben-Gurion University. Plant Molecular Biology; 1988-1993, Lecturer, Department of Life Sciences, Ben-Gurion University, Plant Molecular Biology; 1990, Visiting Professor, Plant Science Institute, University of Pennsylvania, Plant Molecular Biology; 1987-1988, Research Associate, Plant Science Institute, University of Pennsylvania, Philadelphia, Pennsylvania, USA, Plant Molecular Biology; 1984-1987, Research assistant, Department of Cellular and Developmental Biology, Harvard University, Cambridge, Massachusetts, USA, Cell Biology; 1979-1984, Teaching Assistant, Department of Biology, Ben-Gurion University, Biochemistry.
Education: Ph. D. 1979-1984, Ben-Gurion University of the Negev, Beer-Sheva, Israel.
B. Sc. 1975-1978 Ben-Gurion University of the Negev, Beer-Sheva, Israel.
Training: 1987-1988, University of Pennsylvania, Philadelphia, PA, USA. Plant Molecular Biology; 1984-1987 Harvard University, Boston, MA, USA. Cell Biology. Structure-function of clathrin-coated vesicles.
Research and other projects (only last 10 years)**:** 2010-2014, Israel Science Foundation. Role of proteasome and protein degradation in abiotic stress.
2010, Sol Leshin program for scientific collaboration between UCLA and BGU. Protein degradation in biotic and abiotic stresses. Q. Lee(UCA) and D. Bar-Zvi (BGU).
2009-2010, Israel Ministry of Science and Technology - Joint Croatia-Israel Research Program. Life under stress: molecular components and mechanisms of plant response to drought and salinity stress. PIs: M. Krsnik-Rasol (Croatia) and D. Bar-Zvi (Israel).
2008-2009, Sol Leshin program for scientific collaboration between UCLA and BGU. Zinc homeostasis in plants and algae. PIs: S. Merchant (UCLA) and D. Bar-Zvi (BGU).
2003-2007, Israel Ministry of Science and Technology. COBI: Knowledge Center on bioinformatics.
2002-2004, Israel Science Foundation. Structure-function of ASR1, a salt-stress regulated plant-specific DNA-binding protein.
Mentorship: 12 defended PhD and 18 MSc thesis
Teaching: Undergraduate level: From Gene to Protein, Biochemistry A, Genetic Engineering, Research Project; Graduate level: Laboratory Techniques in Biochemistry

and Molecular Biology, Graduate student workshop in plant science, Bioinformatics, Topics in Plant Molecular Biology

Membership in science organizations and bodies: Israel Society of Plant Sciences, American Society of Plant Biologists, International Society of Plant Molecular Biology