



Prof. Tzion Fahima

Tzion Fahima is a full professor at the Department of Evolutionary and Environmental Biology and the head of the Laboratory of Plant Genomics and Disease resistance at the Institute of Evolution, University of Haifa. He was born and educated in Israel, and received a B.Sc. in Agronomy and a Ph.D. in Plant Pathology from the Hebrew University of Jerusalem. He spent one year (1990) as a Post Doc Fellow in Drexel University, Philadelphia, PA, and two years (1991-1992) as a Research Associate with Prof. Neal Van Alfen at Texas A&M University, College Station, TX. In 1992 he returned to Israel to serve as a faculty member at the Institute of Evolution, University of Haifa. In 2001 he spent one year of Sabbatical as a Visiting Scientist at the University of California, Davis campus, with Prof. Jorge Dubcovsky. In 2002 he joined the Department of Evolutionary and Environmental Biology at the University of Haifa. Fahima's research interests have focused on the application of plant genomics for characterization, utilization and conservation of wild emmer wheat (*Triticum dicoccoides*) populations in Israel. His laboratory is involved in structural and functional genomics studies that include molecular marker development, linkage mapping, quantitative trait locus (QTL) analysis, and map-based cloning of several traits with economic values, such as disease resistance, grain protein and mineral content, and drought resistance. Fahima's lab was involved in the positional cloning of the high grain protein QTL, *Gpc-B1* (**Science**, 314:1298-1301), and the high temperature stripe rust resistance gene, *Yr36* (**Science**, 323:1357-1360), both derived from wild emmer wheat. Tzion Fahima is a Corresponding member of the European Cooperative Program for Crop Genetic Resources (ECPGR) Network, a member of the Scientific Board of the Israeli Gene Bank (IGB) for Agriculture Crops, and a member of the Coordination Committee of the European Triticeae Genomics Initiative (ETGI).

Some Relevant References:

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