



**Simposio Internacional:** Microorganismos beneficiosos para la agricultura y la protección de la biosfera

**International Symposium:** Beneficial Microbes for Agriculture and Biosphere Protection

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**CV**

## Yoav Bashan

Prof. Yoav Bashan received his Ph.D. from the Hebrew University of Jerusalem in Israel in 1983. Since 1997, he has been the group leader of Environmental Microbiology at the Northwestern Center for Biological Research (CIBNOR), a research institute of the federal government of Mexico. Since 2009, he has served as the research coordinator of a strategic institutional research line on this topic. From 1990–1997, he served as the department head of microbiology at the same institute. In addition, he serves as the President of The Bashan Foundation, an international research institute devoted to global diffusion of science ([www.bashanfoundation.org](http://www.bashanfoundation.org)).

Prof. Bashan's main field of research during the last three decades is the interaction of plant growth-promoting bacteria and plants in agricultural and environmental settings; this includes restoration of degraded soils and water. His studies are based on biochemical, physiological, and molecular interaction among micro-organisms and plants, with emphasis on application of the best treatment to greenhouse, field, and natural settings. In this context, he restored several wetlands in Mexico to their natural functionality and restored eroded lands in natural settings. The main micro-organisms that Prof. Bashan uses in his research are *Azospirillum* spp. and *Bacillus* spp. bacteria and the microalgae *Chlorella* spp.

Prof. Bashan published 350 scientific papers, of which 204 were published in peer-reviewed journals with an average impact factor of 2.44. Most of the other works are chapters in books and popular science publications. Additionally, he published 22 websites and serves on editorial boards of 14 journals. He serves as a reviewer for an additional 184 scientific journals in 39 countries and 25 funding agencies in 15 countries. He graduated 36 graduate students. The standards international indicators of scientific quality for Prof. Bashan are 10,820 citations of his studies; H-index of 55; i-index of 171; and RG index of 40.03 (7 May, 2014). (email: [bashan@cals.arizona.edu](mailto:bashan@cals.arizona.edu)).