

**Prof. Hinanit Koltai, PhD**  
**Senior Research Scientist**  
**ARO, Volcani Center**  
**Israel**

Prof. Hinanit Koltai, PhD, is a Senior Research Scientist at the Agricultural Research Organization, Volcani Center, Israel. She is the Editor of books and a member of Editorial boards in international scientific journals. She is a leading Author of more than 80 peer reviewed publications and more than 30 book chapters and invited reviews and she holds 9 patents. She teaches plant development and medical cannabis courses in Bar Ilan University, Israel.

Research in Koltai lab is focused on deciphering the "entourage effect" between cannabis compounds while specifying active pharmaceutical ingredients (API) from cannabis and their medical activity at the physiological and molecular levels in human cells and tissues. The lab combines state of the art chemistry and cellular and molecular biology tools, making novel discoveries in this field. Research results are IP protected; they are published in international scientific journals and form a scientific basis for the development of the new generation of cannabis-based medical products.