



## Agricultural Research Organization Volcani Center

13/03/2019

Cohen Hall, Volcani Center

### Workshop: Toward developing a multi-faceted approach to control soil-borne diseases and nematodes

**8:00-8:30** Welcome and opening reception

**8:30-8:45** Greeting, Dr Amit Gal-on; The Head of Plant Protection Institute  
Opening Abraham Gamliel & Sigal Braun

**8:45-9:15** A new era: The consequence of recent revisions regards the use of fungicides, bactericides and nematicides for nematodes and soil borne pathogens management. (**Dr Laila Sheeney-Haj-Ichia**); PPIS

#### Session I: Biology and biogeography of plant parasitic nematodes, Chair: Dr Yuji Oka

**09:15-10:00** Soil ecosystem manipulation: interesting, important and innovative technologies impacting nematode management. **Prof Richard Sikora; University of Bonn; Germany**

**10:00-10:30** Biogeography and molecular species delimitation of *Pratylenchus capsici* n. sp. A new-lesion nematode in Israel on pepper (*Capsicum annuum*). **Dr Qing Xue; ARO**

**10:30-11:00 Coffee Break**

#### Session II: Development and application of integrated nematode management, Chair: Dr Quing Xue

**11:00-11:45** Towards a paradigm shift in crop protection against plant-parasitic nematodes. **Prof Ole Becker; UC RIVERSIDE, US**

**11:45-12:15** Developing and implementing application methods in integrated soil borne and nematode management. **Prof Abraham Gamliel; ARO**

**12:15-12:45** Using resistance genes to combat RKN disease in Pepper and tomato varieties, current situation in Israel. **Dr Sigal Braun; ARO**

**12:45-13:45 Lunch Break**

#### Session III: Chemical and Biological control development for soil borne disease management, Chair: Dr Patricia Bucki

**13:45-14:15** NIMITZ: How to develop a new state of art plant protection product. **ADAMA**

**14:15-14:45** Development of new biological control agents against plant parasitic nematodes. **Prof Spiegel Yitzhak; ARO**

**14:45-15:15** Root microbiome-from ecology to agricultural practice. **Dr Dror Minz; ARO**

**15:15-15:45** Epidemiological aspects of co-infection by viral and oomycete pathogens and approaches for their management. **Dr Omer Frenkel; ARO**

**15:45-16:15** Managing organic amendments application to soil. **Prof Abraham Gamliel; ARO**

**16:15-16:45** General discussion

Close up !

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Attendance is free, to register please click [HERE](#)