

## LAMBROS PAPAYIANNIS

### AGRICULTURAL RESEARCH OFFICER A

Agricultural Research Institute  
Plant Protection Section  
P.O. Box 22016, 1516 Nicosia  
Telephone: +357-22403203  
Facsimile: +357-22316770  
Email: [l.papayiannis@ari.gov.cy](mailto:l.papayiannis@ari.gov.cy)

#### EDUCATION AND TRAINING

- BSc in Agriculture, Aristotle University of Thessaloniki (1995-2000)
- MSc in Plant Protection, AUTH (2000-2002)
- PhD in Molecular Plant Virology, AUTH (2006-2011)

#### RESEARCH INTERESTS

- Development of nucleic acid based methods for the detection of Plant Pathogens
- Biological and Molecular Characterization of Plant Viruses, Viroids, Bacteria and Phytoplasmata
- Management of Plant diseases
- Production and maintenance of healthy plant propagating material (Grapevines, Citrus, Stonefruits, Olives)

#### ADDITIONAL INFORMATION

##### Selected Publications in Peer review journals

- **Papayiannis, L.C.**, Ioannou, N., Boubourakas, I.N., Dovas, C., Katis, N.I. and Falk, B.W. 2005. Incidence of viruses infecting cucurbits in Cyprus. ***Journal of Phytopathology* 153: p 530-535.**
- **Papayiannis, L.C.**, Ioannou N., Dovas C.I., Maliogka V. and Katis N.I. 2006. First report of *Tomato chlorosis virus* on tomato crops in Cyprus. ***Plant Pathology* 55: p 567**
- **Papayiannis L.C.**, Kyriakou A., and Kapari T. 2007. Typing of *Plum pox virus* (PPV) strains in Cyprus. ***Australasian Plant Disease Notes* 2: 29-30.**
- **L.C. Papayiannis**, C. Santos, A. Kyriakou, T. Kapari, and G. Nolasco 2007. Molecular characterization of *Citrus tristeza virus* isolates from Cyprus on the basis of the Coat Protein Gene. ***Journal of Plant Pathology* 89: 281-285.**
- **Papayiannis L.C.**, Brown J.K., Hadjistylli M. and Katis N.I. 2008. *Bemisia tabaci* biotype B associated with tomato yellow leaf curl disease epidemics in Rhodes Island, Greece. ***Phytoparasitica* 36: 20-22.**
- Th. Kapari-Isaia, A. Kyriakou, **L. Papayiannis**, D. Tsaltas, S. Gregoriou and I. Psaltis 2007. Rapid *in vitro* microindexing of viroids. ***Plant Pathology* 57: 348-353.**
- **Papayiannis L.C.**, Paraskevopoulos A. and Katis N.I. 2007. First report of *Tomato yellow leaf curl virus* infecting common Bean in Greece. ***Plant***

**Disease 91: 465.**

- **L.C. Papayiannis**, S.C. Hunter and J.K. Brown 2008. Detection of Cucurbit yellow stunting disorder virus (CYSDV) in cucurbit leaves using sap extracts and real time quantitative polymerase chain reaction. **Phytopathology** 98: S120.
- T. Hvarleva, T. Kapari-Isaia, **L. Papayiannis**, A. Atanassov and A. Kyriakou 2008. Characterization of citrus cultivars and clones in Cyprus through microsatellite and RAPD analysis 2008. **Biotechnology and Biotechnological Equipment** 22: 787-794.
- Gal-On, A., Naglis, A., Leibman, D., Ziadna, H., Kathiravan, K., **Papayiannis, L.**, Holdengreber, V., Guenoune-Gelbert, D., Lapidot, M., and Aly R. 2009. Broomrape Can Acquire Viruses from Its Hosts. **Phytopathology** 99:1321-1329.
- **L. C. Papayiannis**, J. K. Brown, N. A. Seraphides, M. Hadjistylli, N. Ioannou and N. I. Katis 2009. A real-time PCR assay to differentiate the B and Q biotypes of the *Bemisia tabaci* complex in Cyprus. **Bulletin of Entomological Research** 99, 573–582.
- **L.C. Papayiannis**, S.C. Hunter, T. Iacovides and J.K. Brown 2010. Detection of Cucurbit yellow stunting disorder virus (CYSDV) in cucurbit leaves using sap extracts and real time TaqMan reverse transcription (RT) polymerase chain reaction (PCR). **Journal of Phytopathology** 158, 487-495
- **Papayiannis LC**, Iacovides TA, Katis NI, Brown JK 2010. Differentiation of Tomato yellow leaf curl virus and Tomato yellow leaf curl Sardinia virus using real-time TaqMan PCR. **Journal of Virological Methods**, 165, 238-245.
- Monger, W., Tomlinson, J., Boonham, N., Marn, M.V., Plesko, I, M., Molinero-Demilly, V., Tassus, X., Meekes, E., Toonen, M., **Papayiannis, L.**, Perez-Egusquiza, Z., Mehle, N., Jansen, C., and Nielsen L.C. 2010. Development and inter-laboratory evaluation of real-time PCR assays for the detection of Pospiviroids. **Journal of Virological Methods** 169: 207-210,.
- **Papayiannis L.C.**, Katis N.I., A.M. Idris and Brown J.K. 2011. Identification of weed hosts of Tomato yellow leaf curl virus in Cyprus. **Plant Disease** 95: 120-125.
- **Papayiannis, L.C.**, Kokkinos, C.A., Fernandez A. 2012. Detection, characterization and host range studies of *Pepino mosaic virus* in Cyprus. **European Journal of Plant Pathology** 132: 1-7
- **Papayiannis L.C.**, Christoforou M, Markou Y.M and Tsaltas, D. 2013. Molecular typing of cyst-forming nematodes *Globodera pallida* and *G. rostochiensis* using real time PCR and evaluation of five methods for template preparation. **Journal of Phytopathology** 161: 459-469.