

PERSONAL DATA

Name: Iakovos S. Pantelides

Date of birth: 25 April 1977

Birthplace: Paphos, Cyprus

Correspondence address: *Cyprus Technical University, Department of Agricultural Sciences, Biotechnology and Food Science, 31 Archbishop Kyprianos, P. O. Box 50329, 3603 Lemesos, Cyprus.*

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STUDIES

2004 – 2009: PhD in Plant Pathology, Agricultural University of Athens (AUA), Greece.

Dissertation: Phytopathological and molecular study of the mechanisms involved in plant defence against fungal wilt pathogens. Supervisor: Prof. Epaminondas Paplomatas.

2003 – 2004: Master of Research in Plant Biotechnology, Imperial College of Science, Technology and Medicine, University of London, U.K.

MRes dissertation: Probing Systemic Resistance. Supervisor: Dr Murray Grant

MRes degree: 74%, distinction.

1997 – 2003: Degree in Agricultural Science, Agricultural University of Athens (AUA), Greece, Faculty of Crop Science, Department of Plant Pathology.

Degree thesis title: Comparative study of *Camarosporium* isolates from vine, pistachio and olive trees using molecular markers (thesis degree: 10/10). Supervisor: Prof. Epaminondas Paplomatas

Diploma degree: 7.79/10.

ACADEMIC POSITIONS

1/2012 - present **Special Academic Staff**, Department of Agricultural Sciences, Biotechnology and Food Science, Cyprus Technical University.

4/2010 - 12/2011 **Post-Doctoral Researcher** – Discipline *Phytopathology*, Department of Agricultural Sciences, Biotechnology and Food Science, Cyprus Technical University.

TEACHING

Class code	Class title	Participation	
		Lecturing (%)	Lab (%)
105	Microbiology	-	33.3
216	Molecular Biology and Biotechnology	-	100
310	Plant Pathology	40	100
318	Crop Diseases	25	100
351	Food Biotechnology	-	100
413	Sustainable Agriculture/Animal Husbandry	100	100
503	Bioeconomy, Biosafety and Bioethics	100	100
504	Modern Techniques in Molecular Biology & Bioinformatics	-	100
505	Advanced Biotechnology	-	100

MEMBERSHIP OF PROFESSIONAL BODIES

1. Member of the Hellenic Phytopathological Society since 2010.
2. Member of the Mediterranean Phytopathological Union since 2012.
3. Member of The American Phytopathological Society since 2016.
4. Member of the Administrative Board of the Hellenic Phytopathological Society since 2016.

AWARDS - DISTINCTIONS

2010-2011: Scholarship for post-doctoral research by the State Scholarships Foundation (I.K.Y).

2005-2009: Scholarship for PhD studies by the State Scholarships Foundation (I.K.Y).

1997-2000: Scholarship for bachelor degree studies by the State Scholarships Foundation (I.K.Y).

1998-1999: Best performance award for the academic year 1998-1999.

LIST OF PUBLICATIONS IN PEER REVIEWED JOURNALS

1. Antoniou, A., Tsolakidou, M.-D., Stringlis, I. A., Pantelides, I. S. 2017. Rhizosphere Microbiome Recruited from a Suppressive Compost Improves Plant Fitness and Increases Protection against Vascular Wilt Pathogens of Tomato. ***Frontiers in Plant Science*** 8, 1–16.
2. Pantelides, I.S., Aristeidou, E., Lazari, M., Tsolakidou, M.-D., Tsaltas, D., Christofidou, M., Kafouris, D., Christou, E., Ioannou, N. 2017. Biodiversity and ochratoxin A profile of *Aspergillus* section *Nigri* populations isolated from wine grapes in Cyprus vineyards. ***Food Microbiology*** 67, 106-115.
3. Pantelides, I.S., Chrysargyris, A., Tzortzakis, N. 2017. First report of root rot of hydroponically grown peppermint (*Mentha × piperita*) caused by a *Pythium myriotylum* in Cyprus. ***Plant Disease*** 101(9), pp. 1682.
4. Pantelides, I.S., Tsolakidou, M.-D., Chrysargyris, A., Tzortzakis, N. 2017. First Report of Root Rot of Hydroponically Grown Lettuce (*Lactuca sativa*) Caused by a *Pythium* Species from the Cluster B2a Species Complex in Cyprus. ***Plant Disease***, 101(4), pp. 636.
5. Vyrides, I., Xenofontos, E., Tsolakidou, M.D., Pantelides, I.S., Varotsis, C., Xydas, K. 2015. Alleviation of organic solvent inhibition with improved copper recovery from low grade sulphide ore by bioaugmentation with newly isolated *Candida* sp. OR3 and OR6. ***Minerals Engineering*** 79, 84-87.
6. Pantelides, I.S., Christou, O., Tsolakidou, M.-D., Tsaltas, D., Ioannou, N. 2015. Isolation, identification and in vitro screening of grapevine yeasts for the control of black aspergilli on grapes. ***Biological Control*** 88, 46-53.
7. Drakou, E.-M., Koutinas, M., Pantelides, I., Tsolakidou, M., Vyrides, I. 2015. Insights into the metabolic basis of the halotolerant *Pseudomonas aeruginosa* strain LVD-10 during toluene biodegradation. ***International Biodeterioration & Biodegradation*** 99, 85-94.
8. Christoforou, M., Pantelides, I. S., Kanetis, L., Ioannou, N., Tsaltas, D. 2014. Rapid detection and quantification of viable potato cyst nematodes using qPCR in combination with propidium monoazide. ***Plant Pathology*** 63, 1185-1192.

9. Pantelides, I.S., Tjamos, S.E., Pappa, S., Kargakis, M., Paplomatas, E.J. 2013. The ethylene receptor ETR1 is required for *Fusarium oxysporum* pathogenicity. ***Plant Pathology*** 62, 1302-1309.
10. Karaolis, C., Botsaris, G., Pantelides, I., Tsaltas, D. 2013. Potential application of *Saccharomyces boulardii* as probiotic in goat's yoghurt: Survival and organoleptic effects. ***International journal of Food Science and Technology*** 48, 1445-1452.
11. Schoina, C., Stringlis, I. A., Pantelides, I. S., Tjamos, S. E., Paplomatas, E. J. 2011. Evaluation of application methods and biocontrol efficacy of *Paenibacillus alvei* strain K-165, against the cotton black root rot pathogen *Thielaviopsis basicola*. ***Biological Control*** 58, 68-73.
12. Pantelides, I.S., Tjamos, S.E., Paplomatas, E.J. 2010. Ethylene perception via *ETR1* is required in *Arabidopsis* infection by *Verticillium dahliae*. ***Molecular Plant Pathology*** 11, 191-202.
13. Pantelides, I., Tjamos, S., Paplomatas, E. 2010. Insights in the role of ethylene perception in tomato resistance to vascular infection by *Verticillium dahliae*. ***Plant Pathology*** 59, 130-138.
14. Pantelides I., Tjamos SE., Striglis I., Chatzipavlidis I., and Paplomatas, E.J. 2009. Mode of action of a non-pathogenic *Fusarium oxysporum* strain against *Verticillium dahliae* using Real Time QPCR analysis and biomarker transformation. ***Biological Control*** 50: 30-36.
15. Malandraki I., Tjamos SE., Pantelides I., and Paplomatas, E.J. 2008. Thermal inactivation of compost suppressiveness implicates possible biological factors in disease management. ***Biological Control*** 44: 180- 187.

LIST OF PRESENTATIONS IN INTERNATIONAL CONFERENCES

1. Tsolakidou, M., Pantelides, I., Tzima, A., Kang, S., Paplomatas, E., Tsaltas, D. 2015. Role of ACC deaminase in plant infection by the soilborne pathogen *Verticillium dahliae* ***XVIII. International Plant Protection Congress***, 24-28 August 2015 Berlin, Germany, p. 555 (P PPI 77).
2. Kanetis, L., Antoniou, K., Pantelides, I., Tsaltas, D. 2015. Effect of fungicides on fitness and ochratoxin A production in *Aspergillus tubingensis* wild population. ***XVIII. International Plant Protection Congress***, 24-28 August 2015 Berlin, Germany, p. 229 (P MYC 16).
3. Pantelides, I.S., Papageorgiou, S., Antoniou, A., Demetriou, E., Tsolakidou, M.-D. 2015. Molecular identification and functional diversity of microorganisms isolated from the rhizosphere of plants grown in a suppressive soil substrate. ***Rhizosphere4***, 21-25 June 2015, Maastricht, the Netherlands, p.114.
4. Papageorgiou, S, Tsolakidou, M.-D., Pantelides, I.S. 2015. Rhizosphere *Bacillus* population exhibits multifaceted beneficial properties. ***10th International PGPR Workshop***, 16-19 June 2015, Liège, Belgium.

5. Tsolakidou, M.-D., Pantelides, I.S., Tzima, A.K., Tsaltas, D. 2014. Investigating the role of ACC deaminase gene in pathogenicity of the soilborne fungus *Verticillium dahliae*. **XVI International Congress on Molecular Plant-Microbe Interactions**, 6-10 July 2014, Rhodes, Greece.
6. Tsolakidou, M.-D., Pantelides, I.S., Tsaltas D. 2014. Discrimination of viable and dead cells of three major plant pathogenic fungi by quantitative PCR with propidium monoazide. **XVI International Congress on Molecular Plant-Microbe Interactions**, 6-10 July 2014, Rhodes, Greece.
7. Pantelides, I.S., Aristidou, E., Christou, O., Tsaltas, D. 2012. Assessment of grapevine yeasts as biological control agents against black Aspergilli and their potential on Ochratoxin A removal *In Vitro*. **International MPU Workshop**, 24-26 October 2012, Bari, Italy.
8. Pantelides, S.E. Tjamos, I.A. Striglis, I. Chatzipavlidis, Paplomatas, E.J. 2010. Monitoring the interaction of the biocontrol strain *Fusarium oxysporum* F2 with *Verticillium dahliae* on eggplant roots. **13th Congress of the Mediterranean Phytopathological Union**, 20-25 June 2010, Rome, Italy.
9. Pantelides, I. S., Tjamos, S. E., Paplomatas, E. J. 2009. Changes in ethylene perception of Arabidopsis plants lead to differential defence responses against *Verticillium dahliae*. **10th International Verticillium Symposium**, 16-20 November 2009, Corfu Island, Hellas, p37.
10. Pantelides, I. S., Tjamos, S. E., Paplomatas, E. J. 2009. Ethylene perception via Never ripe and LeETR4 affects the resistance of tomato plants to vascular infection by *Verticillium dahliae*. **10th International Verticillium Symposium**, 16-20 November 2009, Corfu Island, Hellas, p64.
11. Pantelides, I., Tjamos, S.E., Striglis, I., Chatzipavlidis, I., Paplomatas, E.J. 2009. Mode of action of a non-pathogenic *Fusarium oxysporum* strain against *Verticillium dahliae*. **10th International Verticillium Symposium**, 16-20 November 2009, Corfu Island, Hellas, p84.
12. Pantelides, I., Tjamos, S., Striglis, I., Chatzipavlidis, I., Paplomatas, E., Tjamos, E. 2009. Mode of action of a non-pathogenic *Fusarium oxysporum* strain against *Verticillium dahliae*. **XIV International Congress on Molecular Plant-Microbe Interactions**, 19-23 July 2009, Quebec City, Canada.
13. Malandraki, I., Tjamos, S.E., Pantelides I., Antoniou, P.P., and Paplomatas, E.J. 2007. Interaction of potential biocontrol agents isolated from suppressive compost substrates against the soilborne pathogen *Verticillium dahliae*. **XIII International Congress on Molecular Plant Microbe Interactions**, 21-27 July 2007, Sorrento, Italy.