
BIOGRAPHICAL SKETCH

NAME George Tsiamis		POSITION TITLE Lecturer	
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	MM/YY	FIELD OF STUDY
Technological Educational Institute of Thessaloniki	BSc	1991	Agriculture
University of Reading	MSc	1992	Agriculture
University of London	PhD	1997	Biology

A. Personal Statement

Positions and Employment

- 9/2009 – present Lecturer in Environmental Microbiology, Department of Environmental and Natural Resources Management, University of Western Greece
- 9/2004 – 9/2009 Post-doc in the lab of Prof. Kostas Bourtzis, Department of Environmental and Natural Resources Management, University of Ioannina.
- 9/2002 - 8/2004 Holder of an EMBO Long Term Fellowship (ALTF 14-2002), Department of Environmental and Natural Resources Management, University of Ioannina.
- 1/1997 - 12/2001 Post-doc in the lab of Prof. J.W. Mansfield, Imperial College, University of London, UK.

B. Awards and Professional Activities

- 2002 - present Reviewer of manuscripts submitted to the following journals: Molecular Ecology, Annals of Microbiology, Systematic and Applied Microbiology, Journal of Biomedicine and Biotechnology, European Journal of Plant Pathology, PLoS One.
- 2009 - present Grant proposal reviews: Free University of Bozen-Bolzano, Italy and University of Milan, Italy, National French Research Agency.

C. Peer-reviewed Publications

1. Stevens, C.; Bennett, M.A.; Athanassopoulos, E.; **Tsiamis, G.**; Taylor, J.D.; Mansfield, J.W. (1998). Sequence variations in alleles of the avirulence gene *avrPphE.R2* from *Pseudomonas syringae* pv. *phaseolicola* lead to loss of recognition of the AvrPphE protein within bean cells and a gain in cultivar-specific virulence. **Molecular Microbiology** 29 (1) 165-177.
2. Jackson, R.; **Athanassopoulos, E.**; **Tsiamis, G.**; Sesma, A.; Arnold, D.L.; Gibbon, M.J.; Murillo, J.; Taylor, J.D.; Vivian, A. (1999) Identification of a pathogenicity island, which contains genes for virulence and avirulence, on a large native plasmid in the bean pathogen *Pseudomonas syringae* pathovar *phaseolicola*. **Proceedings of the National Academy of Sciences of USA**, 96, 10875-10880.

(A.E. and T.G. contributed equally to this work).

3. **Tsiamis, G.**; Mansfield, J.W.; Hockenhull, R.; Jackson R.; Sesma, A.; Athanassopoulos E.; Bennet, M; Stevens, C.; Vivian, A.; Taylor, J.; Murillo, J. (2000). Cultivar-specific avirulence and virulence functions assigned to *avrPphF* in *Pseudomonas syringae* pv. *phaseolicola*, the cause of bean halo-blight disease. **EMBO Journal**, 19, 3204-3214.
4. **Lee, J.; Klusener, B.; Tsiamis, G.**; Stevens S.; Neyt, C.; Tampakaki, A.P.; Panopoulos, N.J.; Noller, J.; Weiler, E.W.; Cornelis, G.R.; Mansfield, J.W.; Nurnberger, T. (2001) HrpZ_{PspH} from the plant pathogen *Pseudomonas syringae* pv. *phaseolicola* binds to lipid bilayers and forms an ion-conducting pore *in vitro*. **Proceedings of the National Academy of Sciences of USA**, 98,289-294.
(L.J., K.B. and T.G. contributed equally to this work).
5. R. W. Jackson, R.W.; Mansfield, J.W.; Ammouneh, H.; Dutton, L.C.; Wharton, B.; Ortiz-Barredo, A.; Arnold, D.L.; **Tsiamis, G.**; Sesma, A.; Butcher, D.; Boch, J.; Kim, T.J.; Martin, G.B.; Tegli, S.; Murillo, J.; Vivian, A. (2002) Location and activity of members of a family of *virPphA* homologues in pathovars of *Pseudomonas syringae* and *P. savastanoi*. **Molecular Plant Pathology**, 3,4, 205-217.
6. Rivas, L.A., Mansfield, J.W., **Tsiamis, G.**, Jackson, R.W., Murillo, J. (2005) Changes in race-specific virulence in *P. syringae* pv. *phaseolicola* are associated with a chimeric transposable element and rare deletion events in a plasmid-borne pathogenicity island. **Applied and Environmental Microbiology**, 71: 3778-3785.
7. Landgraf, A., Weingart, H., **Tsiamis, G.** and Boch, J. (2006) Different versions of *Pseudomonas syringae* pv. *tomato* DC3000 exist due to the activity of an effector transposon. **Molecular Plant Pathology**, 7: 355-364.
8. de Torres, M., Mansfield, J. W., Grabov, N., Brown, I., Ammouneh, H., **Tsiamis, G.**, Grant, M. and Boch, J. (2006) Interactions between the bacterial effector AvrPtoB and mechanisms of basal resistance in Arabidopsis. **Plant Journal**, 47: 368-382
9. P. Ioannidis, J.C. Dunning Hotopp, P. Sapountzis, S. Siozios, **G. Tsiamis**, S.R. Bordenstein, L. Baldo, J.H. Werren and K. Bourtzis (2007). New Criteria for Selecting the Origin of DNA Replication of *Wolbachia* and Closely Related Bacteria. **BMC Genomics**, 8:182.
10. **Tsiamis, G.**, Katsaveli, K., Ntougias, S., Kyrpides, N., Andersen, G., Piceno, Y., Bourtzis, K. (2008) Prokaryotic community profiles at different operational stages of a Greek solar saltern. **Research in Microbiology**, 159: 609-627.
11. Tsipas, G., **Tsiamis, G.**, Vidalis, K., Bourtzis, K. (2009) Genetic differentiation among Greek lake populations of *Carassius gibelio* and *Cyprinus carpio carpio*. **Genetica**, 136: 491-500.
12. A. Tekerlekopoulou, G. Tsiamis, K. Bourtzis and D. Vayenas (2010). The effect of carbon source on microbial community structure and Cr(VI) reduction rate. **Biotechnology and Bioengineering** 107: 478-487.

13. M. Andreou, P. Delipetrou, C. Kadis, **G. Tsiamis**, K. Bourtzis and K. Georghiou (2011). An integrated approach for the conservation of threatened plants: the case of *Arabis kennedyae*. **Acta Oecologica** 37: 239-248.
14. Antonis A. Augustinos, Diego Santos-Garcia; Eva Dionyssopoulou, Marta Moreira, Aristeidis Papapanagiotou, Marios Scarvelakis, Vangelis Doudoumis, Silvia Ramos, Antonio F. Aguiar, Paulo A.V. Borges, Manhaz Khadem, Amparo Latorre, **George Tsiamis**, Kostas Bourtzis (2011) Detection and Characterization of *Wolbachia* Infections in Natural Populations of Aphids: Is the Hidden Diversity Fully Unraveled? **PLoS One** 6(12): e28695
15. Vangelis Doudoumis, **George Tsiamis**, Florence Wamwiri, Corey Brelsfoard, Uzma Alam, Emre Aksoy, Stelios Dalaperas, Adly Abd-Alla, Johnson Ouma, Peter Takac, Serap Aksoy and Kostas Bourtzis (2012) Detection and characterization of *Wolbachia* infections in laboratory and natural populations of different species of tsetse (genus *Glossina*). **BMC Microbiology** 12: S3
16. Elena Drosopoulou, **George Tsiamis**, Maria Mavropoulou, Spiros Vittas, Kostas A. Katselidis, Gail Schofield, Danai Palaiologou, Tasos Sartsidis, Kostas Bourtzis, John Pantis and Zacharias G. Scouras (2012) The complete mitochondrial genome of the loggerhead turtle *Caretta caretta* (Testudines:Cheloniidae): Genome description and phylogenetic considerations. **Mitochondrial DNA** 23: 1-12
17. Katerina Katsaveli, Dimitris Vayenas, **George Tsiamis**, Kostas Bourtzis (2012) Bacterial Diversity in Cr(VI) and Cr(III)-contaminated industrial wastewaters. **Extremophiles** doi:10.1007/s00792-012-0429-0
18. Tsiamis G, Tzagkaraki G, Chamalaki A, Xypteras N, Andersen G, Vayenas D, Bourtzis K (2012) Olive-Mill wastewater bacterial communities display a cultivar specific profile. **Current Microbiology** 64(2): 197-203.
19. Vangelis Doudoumis, Uzma Alam, Emre Aksoy, AdlyAbd-Alla, **George Tsiamis**, Corey Brelsfoard, Serap Aksoy and Kostas Bourtzis (2012) Tsetse-*Wolbachia* Symbiosis: comes of age and has great potential for pest and disease control. **Journal of Invertebrate Pathology** (Accepted)
20. Corey Brelsfoard, **George Tsiamis**, Uzma Alam, Marco Falchetto, Erich Telleria, Evangelos Ntountoumis, Martin Swain, Anna Malacrida, Kostas, Bourtzis, Serap Aksoy (2012) Multiple *Wolbachia* genomes present in the tsetse fly *Glossina morsitans morsitans*: comparative analysis of cytoplasmic and multiple nuclear versions (In preparation) CB and GT will have equal contribution.
21. Athina Chamalaki, Areti Gianni, Georgios Kechagias, Ierotheos Zacharias, **George Tsiamis**, Kostas Bourtzis (2012) Microbial and physicochemical characterization of the Etoliko lagoon, a unique anoxic and meromictic basin of Western Greece. (In preparation).