Short Curriculum Vitae: Georgios Skavdis

Current Position:	Associate Professor in Molecular Biology
Undergraduate Education:	*B.Sc.* in Biology, Department of Biology, National & Kapodistrian University of Athens, Athens, Greece
Post-graduate Education:	• *MSc* in Molecular Biology, Department of Biology, University of Crete (1993). • *PhD* in Molecular Biology, Department of Biology, University of Crete (1996). • 1996-1999: Post-doctoral fellow, Division of Developmental Neurobiology, National Institute for Medical Research (now Crick Institute), London, UK.
Areas of Interest	• Regulation of Gene expression • Mechanisms of resistance to insecticides • Development of molecular diagnostic technology .
Distinctions	• 1991-1993: Graduate Student (MSc) Fellowship from the Institute of Molecular Biology & Biotechnology, Heraklion and from the University of Crete. • 1993-1996: Graduate Student (PhD) Fellowship from the Institute of Molecular Biology & Biotechnology, Heraklion and from the University of Crete. • 1996 Post Doctoral Fellowship from the Medical Research Council, London, UK. • 1996-1997: TMR (Training and Mobility for Researchers) Marie Curie Fellowship from the European Union. • 1997-1999: Post Doctoral Fellowship from the Leukemia Research Fund, UK. • 2013: Kardjali Hospital Award for the design and development of the Molecular Diagnostics laboratory of the hospital.
Funding (Partial list)	• 2017-2019: Synthetic Biology: From omics technologies to genomic engineering (OMIC-ENGINE) – OMIC- ENGINE MBG" The Greek National Infrastructure on Synthetic Biology, General Secretariat for Research & Technology, DUTH Project Leader: M. Grigoriou, DUTH Budget: 480.000 € • 2011-2013: Cross-Border Collaboration for the Promotion of Technological Applications and Scientific Education on Medicinal Molecular Biology. INTERREG IIIA Measure 3.1. Project Leader: G. Skavdis Budget: 461.935 € • 2012-2015: Genomic and functional approaches for understanding insecticide resistance mechanisms in major agricultural pests. GSRT/Thalis Action. DUTH Project Leader: G. Skavdis, DUTH Budget: 50.000 €. • 2012-2015: Development of IT and Molecular Diagnostic Tools, for Improving the Sustainability of Pesticide Based Approaches to Control Agricultural Pests of Major Economic Importance in Greece. DUTH Project Leader: G. Skavdis, DUTH Budget: 50.000 €. • 2012-2013: Development of a novel, environmentally friendly methodology for population control of Bactrocera oleae. John S. Latsis Public Benefit Foundation. Project Leader: G. Skavdis. Budget: 12.000 €

Representative publications

- Chytoudis-Peroudis, C.C., Siskos, N., Kalyviotis, K., Fysekis, I., Ypsilantis, P., Simopoulos, C., Skavdis, G., Chytoudis-Peroudis, C.C., Siskos, N., Kalyviotis, K., Fysekis, I., Ypsilantis, P., Simopoulos, C., **Skavdis, G**., Grigoriou, M. (2018) Spatial distribution of the full-length members of the Grg family during embryonic neurogenesis reveals a "Grg-mediated repression map" in the mouse telencephalon. PLOSone 13 (12), e0209369.
- Kapantaidaki DE, Sadikoglou E, Tsakireli D, Kampanis V, Stavrakaki M, Schorn C, Ilias A, Riga M, Tsiamis G, Nauen R, **Skavdis G**, Vontas J & Tsagkarakou A. (2018). Insecticide resistance in Trialeurodes vaporariorum populations and novel diagnostics for kdr mutations. Pest Manag Sci. Jan;74(1):59-69. doi: 10.1002/ps.
- Stylianopoulou E., Kalamakis G., Pitsiani M., Fysekis I., Ypsilantis P., Simopoulos C., **Skavdis G.** & Grigoriou M. (2016) HSPC280, a winged helix protein expressed in the subventricular zone of the developing ganglionic eminences, inhibits neuronal differentiation. Histochem Cell Biol.145:175-184.
- Voudouris C. Ch., Kati AN, Sadikoglou E., Williamson M., Skouras P. J., Dimotsiou O., Georgiou S., Fenton B., **Skavdis G**. & Margaritopoulos J. T. (2016) Insecticide resistance status of Myzus persicae in Greece: long-term surveys and new diagnostics for resistance mechanisms. Pest Manag Sci.;72(4):671-83. doi: 10.1002/ps.4036.
- Kioulos I., Kampouraki A., Morou E., **Skavdis G.** & Vontas J. (2014) Insecticide resistance status in the major West Nile virus vector Culex pipiens from Greece. Pest Manag Sci. 70(4):623-7. doi: 10.1002/ps.3595. Epub 2013 Jul 30.
- Stylianopoulou E, **Skavdis G** & Grigoriou M. Zinc-based fixation for high-sensitivity in situ hybridization: a nonradioactive colorimetric method for the detection of rare transcripts on tissue sections. (2014) Methods Mol Biol. 1211: 125-38. doi: 10.1007/978-1-4939-1459-3_11.
- Sadikoglou E, Daoutsali E, Petridou E, Grigoriou M**.** & **Skavdis G.** Comparative analysis of internal ribosomal entry sites as molecular tools for bicistronic expression. (2014) J Biotechnol. 181: 31-4. doi: 10.1016/j.jbiotec.2014.03.033.
- Stylianopoulou E., Lykidis D., Ypsilantis P., Simopoulos C**. Skavdis G.** & Grigoriou M. (2012) A rapid and highly sensitive method of non radioactive colorimetric in situ hybridization for the detection of mRNA on tissue sections. PLoS ONE 7(3): e33898. doi:10.1371/journal.pone.0033898.
- Paschou P., Stylianopoulou E. Karagiannidis J., Rizzo R., Tarnok Z., Wolanczyk T., Hebebrand J., Nöthen M.J., Lehmkuhl G., Farkas L., Nagy P., Szymanska U., Lykidis D., Androutsos C., Tsironi V., Koumoula A., Barta C., Ypsilantis P., Simopoulos C., TSGeneSEE, **Skavdis G.** & Grigoriou M. (2012) Evaluation of the LIM homeobox genes LHX6 and LHX8 as candidates for Tourette Syndrome. Genes, Brain and Behaviour, Mar 21. doi: 10.1111/j.1601-183X.2012.00778.x.
- Kazanidou A, Nikou D, Grigoriou M, Vontas J, **Skavdis G** (2010) Short report: a multiplex PCR assay for simultaneous genotyping of kdr and ace-1 loci in *Anopheles gambiae*. Am J Trop Med Hyg. 2009 Feb;80(2):236-8.