

CURRICULUM VITAE AND PUBLICATIONS



Associate Professor of
Molecular Plant Development
NKUA Biology Department

2018

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A. EDUCATION

- 1992** **BSc in Biology, Aristotle University of Thessaloniki, Greece.**
Honors Degree Thesis Title: Study of the polytene chromosomes of *Drosophila triauraria*. Department of Genetics, Development and Molecular Biology.
- 1998** **PhD in Plant Molecular Biology, Agricultural University of Athens, Greece.**
PhD Thesis: Molecular characterization of the delta-9 desaturase gene from *Olea europaea* and the *hsp81.1* heat-shock gene from *Arabidopsis thaliana*.

B. FELLOWSHIPS

- 1993** Short term EMBO fellowship (3 months). Research fellow in the department of Cell Biology, John Innes Centre, Norwich, UK. Research title: Screening and characterization of root mutants in *Arabidopsis thaliana*.
- 1995** Short term Human Capital and Mobility fellowship (cat. 20, 6 months), for the department of Cell Biology, John Innes Centre, Norwich, UK. Research title: Screening and characterization of root mutants in *Arabidopsis thaliana*.
- 1993-1997** Ph.D. Fellowship by the State Scholarships Foundation (S.S.F), Republic of Greece.

C. RESEARCH EXPERIENCE – ACADEMIC POSITIONS

- 1990-1991** Honours Degree Thesis, Laboratory of Molecular Biology, Department of Genetics Development and Molecular Biology, Aristotelian University of Thessaloniki, Greece. Diploma Thesis title: Study of the polytene chromosomes of *Drosophila triauraria*.
- 1993-1998** Post-graduate research fellow towards Ph.D. degree, Laboratory of Molecular Biology, Agricultural University of Athens, Greece. PhD thesis: Molecular characterization of the delta-9 desaturase gene from *Olea europaea* and the *hsp81.1* heat-shock gene from *Arabidopsis thaliana*.
- 1993 & 1995** Research fellow in the Cell Biology Department at the John Innes Centre. Research project: Screening and characterization of root mutants in *Arabidopsis thaliana*.
- 1994-1996** Research assistant in the Department of Agricultural Biotechnology, Agricultural University of Athens. Research project: The EU Arabidopsis genome project.
- 1998-2002** Post-Doctoral researcher, Sainsbury Laboratory of Molecular Phytopathology, John Innes Centre, Norwich Research Park, Norwich, UK. Title of project: The avenacin biosynthetic pathway in oats.
- 2002-2009** Lecturer at the National and Kapodistrian University of Athens, Biology Department, Division of Botany, Molecular Plant Development Laboratory. (**ΦΕΚ: Αρ. Φύλλου 96, 01/05/2002**).
- 2009-2013** Assistant Professor (non-tenured position) at the National and Kapodistrian University of Athens, Biology Department, Division of Botany, Molecular Plant Development Laboratory. (**ΦΕΚ: Αρ. Φύλλου 359, 13/05/2009**).
- 2013-2018** Assistant Professor (tenured position) at the National and Kapodistrian University of Athens, Biology Department, Division of Botany, Molecular Plant Development Laboratory. (**ΦΕΚ: Αρ. Φύλλου 46, 21/01/2013**).
- 2018-present** Associate Professor at the National and Kapodistrian University of Athens, Biology Department, Division of Botany, Molecular Plant Development Laboratory. (**ΦΕΚ: Αρ. Φύλλου 380, 12/04/2018**).

D. RESEARCH INTERESTS

- Molecular Genetics of genes involved in fundamental plant developmental processes and various environmental stresses. Analysis of transgenic and mutant plants impaired in molecular mechanisms of growth and differentiation.
- Characterization of genes/mechanisms involved in plant secondary metabolite biosynthesis, such as antimicrobial, anticancer and other important pharmaceutical compounds.

E. PATENTS

1. **Patent EP1240312 (A2) (EU)**. Title: Plant Gene. Inventors: Anne Elizabeth Osbourn, Norwich (GB); **Kosmas Haralampidis, UOA, Athens (GR)**; Gregory Thomas Bryan, Feilding (NZ). **18/09/2002**.
2. **Patent 20030177518 (US)**. Title: Plant Gene (bAS and promoter sequence). Inventors: Anne Elizabeth Osbourn, Norwich (GB); **Kosmas Haralampidis, UOA, Athens (GR)**; Gregory Thomas Bryan, Feilding (NZ). **18/09/2003**.
3. **Patent 7186884 (US)**. Title: Isolated plant gene encoding a beta-amyrin synthase. Inventors: Anne Elizabeth Osbourn, Norwich (GB); **Kosmas Haralampidis, UOA, Athens (GR)**; Gregory Thomas Bryan, Feilding (NZ). **06/03/2007**.
4. **Patent 7982096 (US)**. Title: Root-Specific Promoters. Inventors: Anne Elizabeth Osbourn, Norwich (GB); **Kosmas Haralampidis, UOA, Athens (GR)**; Rachel Melton, Norwich (GB); Saleha Bakht, Norwich (GB); Xiaoquan Qi, Norwich (GB). **19/07/2011**.

F. RESEARCH PROJECTS

1. "Transcriptional regulation of beta-amyrin synthase in plants". **KAPODISTRIAS**, National and Kapodistrian University of Athens, S.A.R.G. Scientific coordinator (2004-2005).
2. "Molecular analysis of PESCADILLO during plant cell growth and differentiation". **PYTHAGORAS I**, Ministry of Education (G.S.R.T). Scientific coordinator (2004-2007).
3. "Changes in the metabolic fate of isoflavonoids in *Trigonella foenum-graecum*, in response to biotic and abiotic stresses - The role of Medicarpin". **PYTHAGORAS I**, Ministry of Education (G.S.R.T). Head of research team (2004-2007).
4. "Plant cell division and differentiation – a molecular approach of genes involved in ribosome biogenesis". **KAPODISTRIAS**, National and Kapodistrian University of Athens, S.A.R.G. Scientific coordinator (2006-2007).
5. "Molecular and functional characterization of a WD40 protein from *Arabidopsis thaliana*". **KAPODISTRIAS**, National and Kapodistrian University of Athens, S.A.R.G. Scientific coordinator (2008-2009).
6. "Molecular studies of pathways involved in plant secondary metabolite biosynthesis". **KAPODISTRIAS**, National and Kapodistrian University of Athens, S.A.R.G. Scientific coordinator (2010-2011).
7. "The role of Selenium Binding Proteins during abiotic stress in *Arabidopsis thaliana*". **KAPODISTRIAS**, National and Kapodistrian University of Athens, S.A.R.G. Scientific co-manager (2012-2013).
8. "Isolation and molecular characterization of genes involved in the biosynthesis anticancer and therapeutic secondary metabolites from *Trigonella foenum-graecum L.*". **KAPODISTRIAS**, National and Kapodistrian University of Athens, S.A.R.G. Scientific co-manager (2013-2014).
9. **COST Action FA1006**, Plant Metabolic Engineering for High Value Products. Greek representative of the project (2012-2015).
10. "Understanding tolerance of plants to abiotic stresses: The cross-talk of polyamine derived-hydrogen peroxide, heat shock proteins and polyphenols in tolerance of transgenic plants to salinity, heat and heavy metals (ABISTOL)". **THALIS**, Ministry of Education (G.S.R.T). Head of research team (2012-2015).

G. MEETING ABSTRACTS – CONFERENCES - TALKS

1. **K Haralampidis** and S Lavrentiadou (1991) The polytene chromosomes of *Drosophila triauraria* and *D. quadraria*, sibling species of *D. auraria*. 13th Meeting of the Hellenic Society of Biological Sciences (EEBE). Heraklion Grete, Greece.
2. **K Haralampidis**, K Gianoulia and Hatzopoulos P (1997) Storage lipid biosynthesis in *Olea europaea*. A Molecular and Biotechnological approach. 3th Meeting of the Hellenic Biochemical Society. Kalamata, Greece.
3. P Hatzopoulos, Z Poghosyan, **K Haralampidis**, A Martsinkovskaya, K Giannoulia and DJ Murphy (1998) Spacial, temporal and developmental regulation of expression of genes involved in oil biosynthesis during flower and fruit development. 13th International Symposium on Plant Lipids, Sevilla, Spain.
4. Z Poghosyan, **K Haralampidis**, K Giannoulia, DJ Murphy and P Hatzopoulos (1998) Developmental regulation and spatial expression of an omega-3 fatty acid desaturase from *Olea europaea*. 13th International Symposium on Plant Lipids, Sevilla, Spain.
5. DJ Murphy, Z Poghosyan, A Martsinkovskaya, **K Haralampidis** and P Hatzopoulos (1999) Novel roles for fatty acid desaturases and cytochrome b5 are revealed by gene expression studies. National Plant Lipid Cooperative (NPLC) Meeting, CA, USA.
6. P Hatzopoulos, **K Haralampidis**, Z Poghosyan, K Giannoulia and DJ Murphy (1999) Developmental regulation of enoyl-ACP reductase and stearoyl-ACP desaturase in olive. National Plant Lipid Cooperative (NPLC) Meeting, CA, USA.
7. D Beis, S Argiros, A Mavridou, D Milioni, **K Haralampidis** and P Hatzopoulos (1999) Sequence analysis of 66.5 kb region of the chromosome IV from *Arabidopsis thaliana*. Genome Sequencing and Comparative Analysis. EU Advanced Workshop in Biotechnology. Thessaloniki, Greece.
8. K Papadopoulou, **K Haralampidis**, M Trojanowska, R Melton and AE Osbourn (1999) Avenacin biosynthesis in oats. 13th John Innes Symposium. John Innes Centre, Norwich, UK.
9. **K Haralampidis**, K Papadopoulou R Melton and AE Osbourn (1999) Avenacin biosynthesis in oats. Phytochemical Society of Europe and Polish Phytochemical Society. Pulawy, Poland.
10. **K Haralampidis**, K Papadopoulou R Melton and AE Osbourn (1999) The Avenacin Biosynthetic Pathway in Oats. John Innes/Dupont Meeting. John Innes Centre, Norwich, UK.
11. **K Haralampidis** and AE Osbourn (2000) Preformed antimicrobial compounds and plant defence. The Avenacin Biosynthetic Pathway In Oats. IACR-Rothamsted Millennium Conference. Rothamsted, Harpenden Herts, UK.
12. **K Haralampidis**, K Papadopoulou, RE Melton and AE Osbourn (2000) The Avenacin Biosynthetic Pathway In Oats. 6th International Congress of Plant Molecular Biology. Quebec, Canada.
13. K Giannoulia, **K Haralampidis**, Z Poghosyan, DJ Murphy and P Hatzopoulos (2000) Differential expression of DGAT genes in olive tissues. 14th International Symposium on Plant Lipids. Cardiff, UK.
14. **K Haralampidis**, K Papadopoulou, and AE Osbourn (2000) The Avenacin Biosynthetic Pathway In Oats. Hellenic Phytopathological Society Meeting. Kalamata, Greece.
15. **Haralampidis K**, Melton R, Qi X, Bahkt S, Trojanowska M, Bryan G, Dufresne M and Osbourn A (2000) Pathogenicity and host range determinants in root-infecting fungi. British Society of Plant Pathologist (BSPP) Presidential Meeting, Wye College, Kent, UK.

16. **K Haralampidis**, CA Maxwell and AE Osbourn (2001) Plant Defence: Avenacins vs. Microbes. 10th International Congress on Molecular Plant-Microbe Interactions. Madison, Wisconsin, USA.
17. AE Osbourn, S Bakht, **K Haralampidis**, R Melton and X Qi (2002) Dissection of Triterpenoid Saponin Biosynthesis in Monocots. 1st International Congress of Plant Metabolomics. Wageningen, The Netherlands.
18. **K Haralampidis**, D Milioni, S Rigas and P Hatzopoulos (2002) Combinatorial interaction of cis elements direct the expression of the Arabidopsis *AtHsp90-1* gene. 13th International Conference on *Arabidopsis* research. Seville, Spain.
19. **K Haralampidis** (2005) The molecular basis of avenacins as antimicrobial phytoprotectants. 27th Hellenic Society for Biological Science (EEBE) meeting. Nafplio, Greece. **Invited speaker.**
20. Sotiriou P, **Haralampidis K**, Chinou I and Spyropoulos CG (2005) Medicago production by fenugreek tissue cultures. Expression of isoflavone synthase and vestitone reductase. International Congress and 53rd Annual Meeting of the Society for Medicinal Plant Research (GA). Florence, Italy.
21. Tsiri D, Chinou I, **Haralampidis K** and Spyropoulos CG (2006) The effect of copper in medicarpin biosynthesis during fenugreek seedling development. Gene expression of *IFS* and *VR*. 28th Hellenic Society for Biological Science (EEBE) meeting. Ioannina, Greece.
22. Sotiriou P, Tsiri D, Chinou I, **Haralampidis K** and Spyropoulos CG (2006) Phytoalexin response in *Pseudomonas syringae* infected seedlings of Fenugreek (*Trigonella foenum graecum* L.). 28th Hellenic Society for Biological Science (EEBE) meeting. Ioannina, Greece.
23. Tsiri D, Sotiriou P, **Haralampidis K**, Chinou I, Spyropoulos CG (2006). Production of medicarpin from copper chloride treated fenugreek seedlings. 5th International Symposium on Chromatography of Natural Products. Lublin, Poland.
24. Zografidis A, Kapolas G, Milioni D and **Haralampidis K** (2006) Molecular characterization of the *PESCADILLO* ortholog in plants. 28th Hellenic Society for Biological Science (EEBE) meeting. Ioannina, Greece.
25. Zografidis A, Kapolas G, Milioni D and **Haralampidis K** (2007) Characterization of *ZePES* and *AtPES*, the pescadillo orthologs from *Zinnia* and *Arabidopsis*. 29th Hellenic Society for Biological Science (EEBE) meeting. Kavala, Greece.
26. Koumpena V, **Haralampidis K** and Pappas K (2008) *Arabidopsis thaliana* transformation using *Escherichia coli* transgene donors and disarmed *Agrobacterium tumefaciens* intermediates. 33rd International FEBS Congress. Athens, Greece.
27. Tsiri D, Halabalaki M, Spyropoulos CG, **Haralampidis K**, Chinou I (2008) Biosynthetic origin of medicarpin in elicited fenugreek (*Trigonella foenum-graecum* L.) seedlings. 7th International Joint Meeting of AFERP, ASP, GA, PSE & SIF. Athens, Greece.
28. Koumpena VE, **Haralampidis K**, Pappas KM (2008) *Arabidopsis thaliana* transformation by use of an *Escherichia coli* transgene donor. 30th Hellenic Society for Biological Science (EEBE) meeting. Thessaloniki, Greece.
29. Zografidis A, Lantzouni N and **Haralampidis K** (2008) Transcriptional regulation of *AtPES* in *Arabidopsis thaliana*. 30th Hellenic Society for Biological Science (EEBE) meeting. Thessaloniki, Greece.
30. Kapolas G, Katsareli E, Zografidis A, Kirilis F and **Haralampidis K** (2008) Functional and molecular analysis of the *Arabidopsis thaliana AtMTH3* gene encoding a *WD40* repeats nuclear protein. 30th Hellenic Society for Biological Science (EEBE) meeting. Thessaloniki, Greece.
31. Zografidis A, Lantzouni O, Milioni D and **Haralampidis K** (2009) Transcriptional regulation and protein interactions of *AtPES* from *Arabidopsis thaliana*. 11th Hellenic Botanical Society (EBE) meeting. Athens, Greece.
32. Kapolas G, Katsareli E, Zografidis A and **Haralampidis K** (2009) Molecular and functional characterization of the *Arabidopsis thaliana* gene *AtLFL1* and its involvement in epigenetic gene regulation. 11th Hellenic Botanical Society (EBE) meeting. Athens, Greece.
33. Kapolas G, Mperi D and **Haralampidis K** (2010) *AtLFL1* encodes a nuclear localised *WD40* protein involved in the control of flowering time in *Arabidopsis thaliana*. 32nd Hellenic Society for Biological Science (EEBE) meeting. Karpenisi, Greece.
34. Matsouka I, Glykofrydi A, Chinou I, Roussis A, **Haralampidis K** and Ganis-Spyropoulos C (2010) Heavy metals induce the medicarpin biosynthetic pathway in roots of fenugreek seedlings and the transport system responsible for its secretion. 32nd Hellenic Society for Biological Science (EEBE) meeting. Karpenisi, Greece.
35. Matsouka I, Beri D, Chinou I, Roussis A, **Haralampidis K** and Ganis-Spyropoulos C (2011) Medicago: A molecule in the defensive arsenal of Papilionoideae. 12th Hellenic Botanical Society (EBE) meeting. Rethymno, Greece.
36. Mperi D, Kapolas G, Roussis A, Milioni D and **Haralampidis K** (2011) Functional characterization of two *A. thaliana* *WD40* repeat proteins. 12th Hellenic Botanical Society (EBE) meeting. Rethymno, Greece.
37. Minopetrou M, Valasaki C, **Haralampidis K** and Roussis A (2012) Promoter analysis of *SBP* genes in *Arabidopsis thaliana*. 34th Hellenic Society for Biological Science (EEBE) meeting. Trikala, Greece.
38. Skamaki K, Georgiou A, **Haralampidis K** and Roussis A (2012) Differential regulation of *SBP* gene expression in *Arabidopsis thaliana* during abiotic stress. 34th Hellenic Society for Biological Science (EEBE) meeting. Trikala, Greece.
39. Podia V, Katsareli E, Milioni D, **Haralampidis K** (2012) Molecular and functional characterization of an "arm" repeat protein from *Arabidopsis thaliana*. 34th Hellenic Society for Biological Science (EEBE) meeting. Trikala, Greece.
40. Mperi D, Kapolas G, Roussis A, Milioni D and **Haralampidis K** (2012) *AtLFL1* and *AtULC1* are two homologous *WD40* repeat proteins with distinctive regulatory function in plant development. 34th Hellenic Society for Biological Science (EEBE) meeting. Trikala, Greece.

41. Minopetrou M, Manthakou P, Skamaki K, Valasaki C, **Haralampidis K**, Hamodrakas K. and Roussis A (2012) Promoter analysis of SBP (selenium binding protein) genes in *Arabidopsis thaliana* and homology modeling of *AtSBP1*. Plant Biology Congress (jointly organized by FESPB and EPSO), Freiburg, Germany.
42. **Haralampidis K**, Roussis A and Ganis-Spyropoulos C (2012) The origin of copper-induced medicarpin accumulation and its potential involvement in a general metal and metalloid detoxification mechanism. COST Action FA 1006. Plant Metabolic Engineering for High Value Products. 2nd Annual Meeting. Cluj-Napoca, Romania.
43. Orfanidou A, Podia V, Tsiri D, Matsouka I, Beri D, Roussis A, Chinou I, Ganis-Spiropoulos C, **Haralampidis K** (2013) Isolation of terpenoid and flavonoid biosynthetic genes from Fenugreek. 11th International meeting on Biosynthesis, Function and Biotechnology of Isoprenoids in Terrestrial and Marine Organisms (TERPNET2013). Kolymvari, Crete, Greece.
44. Katsavou E, Beri D, Kapolas G, Pikoula L, Milioni D and **Haralampidis K** (2013) Molecular, genetic and phenotypic characterization of the *Arabidopsis thaliana* *UBA1* gene. 13th Hellenic Botanical Society (EBE) meeting. Thessaloniki, Greece.
45. Valasaki C, Minopetrou M, **Haralampidis K** and Roussis A (2013) Oxidative stress differentially regulates the expression of *SBP* genes in *Arabidopsis thaliana*. 35th Hellenic Society for Biological Science (EEBE) meeting. Nafplio, Greece.
46. Valasaki C, **Haralampidis K** and Roussis A (2013) *SBP3*, a root-specific gene involved in abiotic stress in *Arabidopsis thaliana*. 13th Hellenic Botanical Society (EBE) meeting. Thessaloniki, Greece.
47. **Haralampidis K** (2014) Transgenic and cisgenic plants. The Trojan Horse of mankind. 10th Biologists Association meeting (OELMEK), Nicosia, Cyprus.
48. Katsavou E, Beri D, Kapolas G, Roussis A, Milioni D and **Haralampidis K** (2014) The plant specific *UBA1* gene from *Arabidopsis thaliana* encodes a UBA-like protein, involved in the vegetative to reproductive phase transition during plant development. 36th Hellenic Society for Biological Science (EEBE) meeting. Ioannina, Greece.
49. Valasaki C, **Haralampidis K**, Roussis A (2014) SBPs, a gene family of the plant *Arabidopsis thaliana* with differential expression during normal development but with common responses in the presence of cadmium and selenium. 36th Hellenic Society for Biological Science (EEBE) meeting. Ioannina, Greece.
50. Podia V, Katsareli E, Milioni D, **Haralampidis K** (2014) Molecular and functional characterization of an *Arabidopsis thaliana* Arm repeat containing protein. 65th Hellenic Society of Biochemistry and Molecular Biology (HSBMB) meeting. Thessaloniki, Greece.
51. Podia V, Beris D, Valasaki C, Ganis-Spyropoulos C, Roubelakis-Angelakis K, Kotzabasis K, Roussis A, **Haralampidis K** (2015) Understanding tolerance of plants to abiotic stresses. 37th Hellenic Society for Biological Science (EEBE) meeting. Volos, Greece.
52. Kapolas G, Beris B, Katsareli E, Livanos P, Zografidis A, Roussis A, Milioni D and **Haralampidis K** (2016) The WD40-repeat protein APRF1 from *Arabidopsis thaliana* is involved in flowering time control. 10th meeting of the Panhellenic Society of Biological Sciences (PSBS), Athens, Greece.
53. Kapolas G, Beris B, Katsareli E, Livanos P, Zografidis A, Roussis A, Milioni D and **Haralampidis K** (2016) *APRF1* promotes flowering under long days in *Arabidopsis thaliana*. 67th Hellenic Society of Biochemistry and Molecular Biology (HSBMB) meeting. Ioannina, Greece.
54. Dervisi E, Valasaki C, **Haralampidis K**, Roussis A (2017) Characterization of phospholipase A1 (At2g30550) from *Arabidopsis thaliana*. 39th Hellenic Society for Biological Science (EEBE) meeting. Lamia, Greece.
55. Podia V, Milioni D, Martzikou M, **Haralampidis K** (2017) The role of *Arabidopsis thaliana* *RASD1* gene in ABA-dependent abiotic stress response. 68th Hellenic Society of Biochemistry and Molecular Biology (HSBMB) meeting. Athens, Greece.

H. PUBLICATIONS

(Total Impact Factor ~112, Total Citations >1438, h index=14)

1. Mauragani-Tsipidou P, Scouras ZG, **Haralampidis K**, Laurentiadou S and Kastritsis CD (1992) The polytene chromosomes of *Drosophila triauraria* and *Drosophila quadraria*, sibling species of *Drosophila auraria*. [Genome](#) 35: 318-326. doi:[10.1139/g92-048](#)
2. **Haralampidis K**, Milioni D, Sanchez J, Baltrusch M, Heinz E and Hatzopoulos P (1998) Temporal and transient expression of stearyl-ACP carrier protein desaturase gene during olive fruit development. [J Exp Bot](#) 49: 1661-1669. doi:[10.1093/jxb/49.327.1661](#)
3. Hatzopoulos P, Poghosyan Z, **Haralampidis K**, Martsinkovskaya A, Giannoulia K and Murphy DJ (1998) Spatial, Temporal and Developmental Regulation of Expression of Genes Involved in Oil Biosynthesis during Flower and Fruit Development. In J Sanchez, E Cerda-Olmedo and E Martinez-Force, eds. [Advances in Plant Lipid Research](#), 637-640.
4. Poghosyan Z, **Haralampidis K**, Giannoulia K, Murphy DJ and Hatzopoulos P (1998) Developmental Regulation and Spatial Expression of an ω-3 Fatty Acid Desaturase from *Olea europaea*. In J Sanchez, E Cerda-Olmedo and E Martinez-Force, eds. [Advances in Plant Lipid Research](#), 155-158.
5. Martsinkovskaya A, Poghosyan Z, **Haralampidis K**, Murphy D and Hatzopoulos P (1999) Temporal and spatial gene expression of cytochrome B5 during flower and fruit development in olives. [Plant Mol Biol](#) 40: 79-90. doi:[10.1023/A:1026417710320](#).
6. Poghosyan Z, **Haralampidis K**, Martsinkovskaya A, Murphy D and Hatzopoulos P (1999) Developmental regulation and spatial expression of a plastidial fatty acid desaturase from *Olea europaea*. [Plant Physiol Bioch](#) 37: 109-119. doi:[10.1016/S0981-9428\(99\)80072-2](#).

7. Osbourn AE, Carter J, Papadopoulou K, **Haralampidis K**, Trojanowska M and Melton R (2000) Oat root saponins and root-infecting fungi. In W Oleszki and A Marston Saponins, eds. Food, Feedstuffs and Medicinal Plants. [Phytochemical Society of Europe](#), Vol 45, pp 121-128. doi:[10.1007/978-94-015-9339-7_13](#).
8. Giannoulia K, **Haralampidis K**, Poghosyan Z, Murphy DJ and Hatzopoulos P (2001) Differential expression of *DGAT* genes in olive tissues. [Biochem Soc T](#) 28: 695-697. doi:[10.1042/bst0280695](#)
9. Rigas S, Debrosses G, **Haralampidis K**, Vicente-Agullo F, Feldmann KA, Grabov A, Dolan L and Hatzopoulos P (2001) TRH1 Encodes a Potassium Transporter Required for Tip Growth in Arabidopsis Root Hairs. [Plant Cell](#) 13: 139-151. doi:[http://www.plantcell.org/content/13/1/139.long](#).
10. Osbourn AE and **Haralampidis K** (2002) Triterpenoid Saponin Biosynthesis In Plants. In JT Romeo, RA Dixon, eds, Phytochemistry in the Genomics and Post-Genomics Eras. [Recent Adv Phytochem](#), Vol 36, Pergamon, Elsevier Science Ltd, Oxford, UK, pp 81-93.
11. **Haralampidis K**, Bryan G, Qi X, Papadopoulou K, Bakht S, Melton R and Osbourn A (2001) A new class of oxidosqualene cyclase directs synthesis of antimicrobial phytoprotectants in monocots. [Proc Natl Acad Sci USA](#) 98: 13431-13436. doi:[10.1073/pnas.231324698](#).
12. **Haralampidis K**, Trojanowska M and Osbourn AE (2002) Biosynthesis of Triterpenoid Saponins in Plants. In T Scheper, ed, History and Trends in Bioprocessing and Biotransformation. [Adv Biochem Eng Biotechnol](#), Vol75, Springer-Verlag, Heidelberg, pp 31-49. doi:[10.1007/3-540-44604-4_2](#).
13. Beis D, Argiros S, Milioni D, Rigas S, **Haralampidis K**, Samakovli D, Douka A, Hatzopoulos P (2002) Sequence analysis of 66.5 kb region of the chromosome IV from *Arabidopsis thaliana*. In AS Tsafaris and AN Polidoros, eds. [Genome Sequencing and Comparative Analysis](#). University Studio Press, Thessaloniki, pp 107-117.
14. **Haralampidis K**, Milioni D, Rigas S and Hatzopoulos P (2002) Combinatorial interaction of *cis* elements specifies the expression of the Arabidopsis *AtHsp90-1* gene. [Plant Physiology](#) 129: 1138-1149. doi:[10.1104/pp.004044](#)
15. Hatzopoulos P, Banilas G, Giannoulia K, Gazis F, Nikoloudakis N, Milioni D and **Haralampidis K** (2002) Breeding, Molecular Markers and Molecular Biology of Olive Tree. [Eur J Lipid Sci Tech](#) 104: 574-586. doi:[10.1002/1438-9312\(200210\)104:9/10<574::AID-EJLT574>3.0.CO;2-1](#).
16. Iturbe-Ormaetxe I, **Haralampidis K**, Papadopoulou K and Osbourn AE (2003) Molecular cloning and characterization of triterpene synthases from *Medicago truncatula* and *Lotus japonicus*. [Plant Mol Biol](#) 51: 731-743. doi:[10.1023/A:1022519709298](#).
17. Kavroulakis N, Ntougias S, Zervakis GI, Ehaliotis C, **Haralampidis K** and Papadopoulou KK (2007) Role of ethylene in the protection of tomato plants against fungal pathogens conferred by an endophytic *Fusarium solani* strain. [J Exp Bot](#) 58: 3853-3864. doi:[10.1093/jxb/erm230](#)
18. Zografidis A, Kapolas G, Kitsios G, McCann M, Roberts K, Milioni D and **Haralampidis K** (2007) Isolation and characterization of *ZePES* and *AtPES*, the *pescadillo* orthologs from *Zinnia* and *Arabidopsis*. [Plant Science](#) 173: 358-369. doi:[10.1016/j.plantsci.2007.06.009](#).
19. Tsiri D, Halabalaki M, Spyropoulos CG, **Haralampidis K**, Chinou I (2008) Biosynthetic origin of medicarpin in elicited fenugreek (*Trigonella foenum-graecum* L.) seedlings. [Planta Med](#) 74: 60. doi:[10.1055/s-0028-1084812](#).
20. Prassinos C, **Haralampidis K**, Milioni D, Samakovli D, Krambis K and Hatzopoulos P (2008) Complexity of Hsp90 organelle targeting. [Plant Mol Biol](#) 67: 323-334. doi:[10.1007/s11103-008-9322-8](#).
21. Tsiri D, Chinou I, Halabalaki M, **Haralampidis K** and Spyropoulos CG (2009) The origin of copper-induced medicarpin accumulation and its secretion from roots of fenugreek young seedlings is regulated by copper concentration. [Plant Science](#) 176: 367-374. doi:[10.1016/j.plantsci.2008.12.001](#)
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