

Konstantinos PASCHALIDIS earned his Dipl.-Agric. Eng. Degree in Plant Sciences at the Department of Agriculture, Aristotle University of Thessaloniki, Greece. He also earned his M.S. in Plant Biology and his Ph.D. in Plant Biology and Molecular Biology at the University of Crete. He is Assistant Professor and Principal Researcher, Permanent Member of the Academic Staff at the Department of Agriculture, Technological Educational Institution of Crete, Campus of Heraklion, Crete, Greece. His research currently focuses on Stress Mechanisms in Arable and Horticultural Crops. He is Dissertation Coordinator/Supervisor in many Bachelor, Master, Doctoral and Post-Doctoral Theses. He has participated as Research Principal Investigator or Coordinator in 12 European Projects/Networks and has gained International Honours. He has published 22 papers in International Peer Reviewed Scientific Journals, 2 Peer Reviewed Book Chapters, 7 Textbooks and 44 papers in Proceedings of Peer Reviewed International Scientific Meetings and in Databases. He is a Polyglot Member in several International Scientific Societies. The research citation records of Dr. Paschalidis include more than 1100 Heterocitations, 13 h-index and 74 Total Impact Factor (<http://www.harzing.com/pop.com>, https://scholar.google.gr/citations?hl=en&user=Xua_U8YAAAAJ&view_op=list_works). URL: <https://www.teicrete.gr/agr/en/kpaschalstaffteicretegr> Email: kpaschal2@gmail.com or kpaschal@staff.teicrete.gr

SHORT CURRICULUM VITAE

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EDUCATION

- Bachelor of Science (B.S.) in Agricultural Engineering (five-year degree), Department of Plant Sciences, Aristotle University of Thessaloniki, Greece.
- Master of Science (M.S.) in Plant Biology (two-year degree), University of Crete, Greece.
- Philosophy Doctorate (Ph.D.) in Molecular Biology and Plant Biology (four-year degree), University of Crete, Greece.
- Certificate of Greek Public Administration and Local Government (14-month degree), Ministry of the Interior Public Administration, Athens, Greece.
- Certificate of Information and Communication Technologies (one-year degree), Ministry of Education, Athens, Greece.
- Bachelor of Education (B.Ed.) in Technological Education (one-year degree), University of Pedagogical and Technological Education, Athens, Greece.

LANGUAGES

- Greek: fluently (native language).
- English: fluently (C2, Proficiency), Certificate of Proficiency in English, University of Michigan.
- French: fluently (C2, Proficiency), Diplôme Approfondi de Langue Française (DALF) Niveau C2, French Ministry of Education, Paris, France.
- Italian: very well - effectively (C1, Effective Operational Proficiency), Certificato Statale di Conoscenza delle Lingue Livello C, Ministry of National Education and Religious Affairs, Athens, Greece.

TEACHING/VOCATIONAL EXPERIENCE

- Teaching of under- and post-graduate courses as Teaching Assistant, Lecturer, Assistant Professor and Professor of Applications, Technological Vocational Education, Technological Educational Institution of Crete, Alexander Technological Educational Institution of Thessaloniki and University of Crete.
- Vocational experience as Agronomist/Agricultural Engineer/Research Assistant/Principal Researcher in Academic Institutions, private sector, Municipality of Nea Alikarnassos, Directorate for Agricultural Research, Hellenic Ministry of Education, Hellenic Ministry of Agriculture and Hellenic Ministry of the Interior Public Administration.

EUROPEAN PROJECTS/NETWORKS

- Research Assistant in Programme entitled "Production of Virus-free Plant Material (Tobacco and Grapevine)", that was funded by the Research Committee of University of Crete. Budget € 156.002,03. <http://www.elke.uoc.gr/>
- Principal Investigator in Programme entitled "Improvement of Grapevine Genetic Material and Generation of Ameliorated Grapevine Products in Crete, Ioannina, Lemnos and Samos (Interreg II, Greece)" and, more specifically, in hypodrasis 3B "Tobacco and Grapevine Protoplast Regeneration", that was funded by the Research Committee of University of Crete. Budget € 652.501,84. <http://www.elke.uoc.gr/>
- Principal Investigator in Programme entitled "Supporting Research Groups, at University of Crete", European Support Framework (ΚΠΣ) 03, Operational Programme Education and Initial Vocational Training (ΕΠΕΑΕΚ): 002, Pythagoras (K.A. 1945), that was funded by the Research Committee of University of Crete. Project title: "New Strategies for Understanding the Mechanisms of Plant Resistance to Abiotic (Salinity) and Biotic Stresses" Subproject 28. Budget € 65.000,00. <http://www.elke.uoc.gr/>
- Principal Investigator in Network Cost Action 858 "Viticulture: Biotic and Abiotic Stress. Grapevine Defense Mechanisms and Grape Development" http://www.bordeaux-aquitaine.inra.fr/cost858_eng
- Principal Investigator in Network Cost Action FA0605 "Signaling Control of Stress Tolerance and Production of Stress Protective Compounds in Plants" International Network of Plant Abiotic Stress "(INPAS) <http://cost-inpas.org/>
- Principal Investigator in Network International Cooperative Programme (ICP) on Vegetation "Evidence of Ozone Damage to Vegetation in Europe" International Cooperative Programme on Effects of Air Pollution on Natural Vegetation and Crops International <http://icpvegetation.ceh.ac.uk/>
- Principal Investigator in Programme entitled "Archimedes III" and, more specifically, in hypodrasis "Evaluation of abiotic stress (drought and salinity) tolerance in old and very rare barley genotypes as a tool for development of problematic agricultural areas",

funded by the Research Committee of Alexander Technological Educational Institute of Thessaloniki. Budget € 75.000,00. <http://www.teithe.gr/>

- Principal Investigator in Programme entitled “Archimedes III” and, more specifically, in hypodrasis “The effect of maturity stage and postharvest storage treatments on quality attributes and phytochemical profile of peach (*Prunus persica* L.) fruit: a physicochemical, biochemical and transcriptomic approach”, funded by the Research Committee of Alexander Technological Educational Institution of Thessaloniki. Budget € 75.000,00. <http://www.teithe.gr/>
- Principal Investigator in Programme entitled “Archimedes III” and, more specifically, in hypodrasis “Utilization of genetic resources in agriculture for heterologous biosynthesis of bioactive compounds of plant origin from yeast and *E.coli* by using metabolic engineering technology”, funded by the Research Committee of Technological Educational Institution of Crete. Budget € 75.000,00. <http://www.teicrete.gr>
- Principal Investigator in Programme entitled “Archimedes III” and, more specifically, in hypodrasis “Utilization of essential oils to maintain fresh agricultural products of Crete”, funded by the Research Committee of Technological Educational Institution of Crete. Budget € 75.000,00. <http://www.teicrete.gr>
- Principal Investigator in Programme entitled "Regional Planning for Aromatic-Medicinal Plants (ArMP) in Cretan Flora", under the auspices of the Region of Crete (<http://www.crete.gov.gr/index.php?lang=en>). Funded by the Research Committee of Technological Educational Institution of Crete. Budget € 10.000,00. <http://www.teicrete.gr>.
- Coordinator in Programme entitled “Innovative biosynthesis of plant bioactive compound hydroxytyrosol from photosynthetic alga *Chlamydomonas reinhardtii*”, funded by the Research Committee of Technological Educational Institution of Crete. Budget € 5.000,00. <http://www.teicrete.gr>

HONOURS/AWARDS

- Scholarship for PhD Thesis, University of Crete.
- Best Student Presentation Award, International Jury Committee, 6th International Symposium on Grapevine Physiology & Biotechnology, June 2000.
- Member of the Organization Committee of the 13th Congress of the Federation of European Societies of Plant Physiology, Heraklion, Greece, 2002, September 2-6, <http://www.biology.uoc.gr/meetings/FESPP>
- Referee in Peer-Reviewed Journals, such as *Plant Cell Physiology*, *Physiologia Plantarum*, *Journal of Plant Physiology*, *Plant Biosystems*, *Plant Science*, *International Journal of Molecular Sciences*, *Biotechnology & Biotechnological Equipment* and *Journal of Horticultural Science & Biotechnology*.
- Scholarships for participation in Scientific Congresses/Cooperations.
- Supervision/coordination of Graduate, Post-Graduate, Doctoral and Post-Doctoral Projects/Theses.

RESEARCH INTERESTS

Stress Mechanisms in Arable and Horticultural Crops.

More specifically:

- Production of Bioactive Substances, Qualitative and Quantitative Characteristics of Plant Tissue and Agricultural Products: Morphological characteristics (size, weight, shape, leaf area, chlorophyll, carotenoids). Naturally-anatomical features (creation, composition, structure and texture of cell walls, lignification, tissue quality). Chemical characteristics (hormones, polyamines and derivatives, phyto regulators, amino acids,

proteins, water, antioxidant properties, antioxidants, vitamins, alkaloids, minerals, dietary fibers). C/N balance, nitrates, toxicity. Sink-source relationships. Lipid peroxidation, proteases, altered plant tissue. Enzyme technology, in vivo testing of normal metabolites fate, kinetic studies. Detection of genetically modified organisms. Identification of genotypes using molecular markers.

- Nitrogen Metabolism: Assimilation of ammonia detoxification, plant protection mechanisms and agricultural products. Physiological, biochemical and molecular characterization of genes that regulate biosynthesis and catabolism of polyamines as antagonists of ethylene, and their products (ammonia, nicotine, hydrogen peroxide, etc.). Functional analysis of transgenic plants and products of over- and under-expressing nitrogen metabolism genes.
- Molecular Physiology of Stress: Oxidation, antioxidant mechanism, injury, salinity, abiotic and biotic stress. Pre- and postharvest physiology, resistance, antioxidant capacity control, quality products. Active oxygen species, antioxidant genes. Lipid peroxidation, programmed cell death, senescence. Heavy metals.
- Developmental Physiology: Physico-chemical and physiological parameters defining optimum harvesting time. Physiological morphogenetic responses. Plant cell regeneration mechanisms. Cell cycle and endoreduplication.
- Contract Research Services and Applied Agricultural Research in field/greenhouse conditions: Agricultural experimentation, macro- and micro-scopic observations, evaluation of developmental parameters. GC and LC-MS/MS identification/characterization of agricultural product quality. Quantitative indicators, such as hectoliter weight, seed weight, seed size, seed thickening and hardness (Single-Kernel Characterization System). Quality-biomarkers control, such as, among others, moisture, color, chlorophyll levels, proteins, sugars, acids, fat, ash and crude fiber (specifically, in NIR spectroscopy, and other methods). Basic antioxidant and stress indicators, such as proline levels, antioxidant capacity, phenolic compounds, lipid peroxidation and antioxidant machinery.

PUBLICATIONS IN INTERNATIONAL PEER REVIEWED SCIENTIFIC JOURNALS

1. **Paschalidis K**, Roubelakis-Angelakis KA (2005a) Spatial and Temporal Distribution of Polyamine Levels and Polyamine Anabolism in Different Organs/Tissues of the Tobacco Plant: Correlations with Age, Cell Division/Expansion, and Differentiation. *Plant Physiol* 138: 142-152 <http://www.plantphysiol.org/cgi/reprint/138/1/142.pdf> (5Y Impact Factor 8.03)
2. **Paschalidis K**, Roubelakis-Angelakis KA (2005b) Sites and Regulation of Polyamine Catabolism in the Tobacco Plant: Correlations with Cell Division/Expansion, Cell-Cycle Progression, and Vascular Development. *Plant Physiol* 138: 2174-2184 <http://www.plantphysiol.org/cgi/reprint/138/4/2174.pdf> (5Y Impact Factor 8.03)
3. Papadakis* AK, **Paschalidis* K**, Roubelakis-Angelakis KA (2005) Biosynthesis profile and endogenous titers of polyamines differ in totipotent and recalcitrant plant protoplasts. *Physiol Plant* 125: 10-20 (*these authors contributed equally to this work) <http://www3.interscience.wiley.com/cgi-bin/fulltext/118648072/PDFSTART> (Impact Factor 3.52)
4. Skopelitis DS, Paranychianakis NV, **Paschalidis K**, Pliakonis ED, Delis ID, Yakoumakis DI, Kouvarakis A, Papadakis AK, Stephanou E, Roubelakis-Angelakis KA (2006) Abiotic stress generates ROS that signal expression of anionic glutamate dehydrogenases to form glutamate for proline synthesis in tobacco and grapevine. *Plant Cell* 18: 2767-2781 <http://www.plantcell.org/cgi/reprint/18/10/2767.pdf> (5Y Impact Factor 10.529)

5. Moschou PN, Delis ID, **Paschalidis K**, Roubelakis-Angelakis KA (2008) Transgenic tobacco plants overexpressing polyamine oxidase are not able to cope with oxidative burst generated by abiotic factors. *Physiol Plant* 133: 140-156 <http://www3.interscience.wiley.com/cgi-bin/fulltext/119395443/PDFSTART> (Impact Factor 3.52)
6. Moschou PN, **Paschalidis K**, Delis ID, Andriopoulou AH, Lagiotis GD, Yakoumakis DI, Roubelakis-Angelakis KA (2008) Spermidine Exodus and Oxidation in the Apoplast Induced by Abiotic Stress Is Responsible for H₂O₂ Signatures That Direct Tolerance Responses in Tobacco. *Plant Cell* 20: 1708–1724 <http://www.plantcell.org/cgi/reprint/20/6/1708> (5Y Impact Factor 10.529)
7. Moschou PN, **Paschalidis K**, Roubelakis –Angelakis KA (2008) Plant Polyamine Catabolism: The State-of the Art. *Plant Signaling & Behavior* 3: 1061-1066 <http://www.landesbioscience.com/journals/psb/article/7172> (Impact Factor 1.47)
8. Moschou PN*, Sarris P*, Scandalis N, Andriopoulou AH, **Paschalidis K**, Panopoulos NJ, Roubelakis-Angelakis KA (2009) Engineered Polyamine Catabolism Pre-Induces Tolerance of Tobacco to Bacteria and Oomycetes. *Plant Physiol* 149: 1970-1981 <http://www.plantphysiol.org/cgi/reprint/149/4/1970> (*these authors contributed equally to this work) (5Y Impact Factor 8.03)
9. **Paschalidis K**, Moschou PN, Toumi I, Roubelakis-Angelakis KA (2009) The Polyamine Anabolic/Catabolic Interplay along the Woody Grapevine Plant Axis Is Linked to Orn Transport, Gas Exchange and Vascular Differentiation. *J Plant Physiol* 166: 1508-1519 [doi:10.1016/j.jplph.2009.03.013](https://doi.org/10.1016/j.jplph.2009.03.013) (5Y Impact Factor 3.241)
10. Toumi I, Moschou PN, **Paschalidis K**, Bouamama B, Salem-fnayou AB, Ghorbel AW, Mliki A, Roubelakis-Angelakis KA (2010) Abscisic Acid Signals Reorientation of Polyamine Metabolism to Orchestrate Stress Responses via the Polyamine Exodus Pathway in Grapevine. *J Plant Physiol* 167: 519-525 [doi:10.1016/j.jplph.2009.10.022](https://doi.org/10.1016/j.jplph.2009.10.022) (5Y Impact Factor 3.241). One of the Top 25 Hottest Articles, Agricultural and Biological Sciences, Journal of Plant Physiology, January to March 2010: <http://top25.sciencedirect.com/subject/agricultural-and-biological-sciences/1/journal/journal-of-plant-physiology/01761617/archive/26>
11. **Paschalidis K***, Toumi I*, Moschou PN, Roubelakis-Angelakis KA (2010) ABA-dependent amine oxidases-derived H₂O₂ affects stomata conductance. *Plant Signaling & Behavior* 5: 1153–1156 <http://www.landesbioscience.com/journals/psb/article/12679> (*these authors contributed equally to this work) (Impact Factor 1.47; Most Popular Download, November 2010, <http://www.landesbioscience.com/journals/psb>).
12. Goumenaki, E., Karidis, Z., **Paschalidis, K.** 2012. Assessment of tropospheric ozone impact on crops in Crete (Greece) using snap bean as a bioindicator. *Acta Hort.* (ISHS) 938:401-407 http://www.actahort.org/books/938/938_52.htm
13. Dhima K., Vasilakoglou I., **Paschalidis K.**, Gatsis T., Keco R. 2012. Productivity and phytotoxicity of six sunflower hybrids and their residues effects on rotated lentil and ivy-leaved speedwell. *Field Crops Research* 136: 42-51 <http://www.sciencedirect.com/science/article/pii/S0378429012002468> (5Y Impact Factor 3.57)
14. Vasilakoglou I., K. Dhima, **K. Paschalidis**, T. Gatsis, K. Zacharis, M. Galanis 2013. Field bindweed (*Convolvulus arvensis* L.) and redroot pigweed (*Amaranthus retroflexus* L.) control in potato by pre- or post-emergence applied flumioxazin and sulfosulfuron. *Chil. J. Agric. Research* 73: 24-30 (5Y Impact Factor 1.07)
15. Vasilakoglou I, K. Dhima, **K. Paschalidis**, C. Ritzoulis. 2013. Herbicidal potential on *Lolium rigidum* of nineteen major essential oil components and their synergism.

- Journal of Essential Oil Research 25: 1-10
<http://dx.doi.org/10.1080/10412905.2012.751054> (Impact Factor 1.05)
16. Dhima K., I. Vasilakoglou, R. Keco, A. Dhima, **K. Paschalidis** and T. Gatsis. 2013. Forage yield and competition indices of faba bean intercropped with oat. *Grass and Forage Science* 69: 376-383 (Impact Factor 1.922)
 17. M Makky, **K Paschalidis**, K Dima, A Mangganaris 2015. Tomato Fruits (*Solanaceae Lycopersicon esculentum* Mill.) Feedback Mechanism in The Presence of Exogenous Ethylene under Prolonged Chilling Temperature Storage. *Journal of Nutrition & Pharmacy Research* 1: 4-12 (Impact Factor 1.922)
 18. Dhima K., I. Vasilakoglou, S. Stefanou, T. Gatsis. **K. Pachalidis**, S Aggelopoulos, Eleftherohorinos I, 2016. Differential competitive and allelopathic ability of *Cyperus rotundus* on *Solanum lycopersicum*, *Solanum melongena* and *Capsicum annum*. *Archives of Agronomy and Soil Science* 62: 1250-1263 (Impact Factor 1.53
<http://dx.doi.org/10.1080/03650340.2015.1135325>)
 19. Ninou E., **K. Paschalidis**, I.G. Mylonas 2016. Essential Oil Responses to Water Stress in Greek Oregano populations. *Journal of Essential Oil Bearing Plants*, accepted (Impact Factor 0.48).
 20. Ninou E., **Paschalidis K.**, Mylonas I., Vasilikiotis Ch. & A. Mavromatis 2017 The effect of genotype and nitrogen fertilization on Greek oregano dry matter production and essential oil yield. *Acta Agriculturae Scandinavica, Section B - Plant Soil Science*, accepted (Impact Factor 0.649).
 21. Gago C, Drosou V, **Paschalidis K**, Guerreiro A, Miguel G, Antunes D, Hilioti Z 2017 Targeted gene disruption coupled with metabolic screen approach to uncover the LEAFY COTYLEDON1-LIKE4 (L1L4) function in tomato fruit metabolism. *Plant Cell Reports*, accepted (Impact Factor 3.071) DOI 10.1007/s00299-017-2137-9
<http://rdcu.be/qTif>
 22. Manganaris G, Drogoudi P, Goulas V, Tanou G, Georgiadou E, Pantelidis G, **Paschalidis K**, Fotopoulos V, Manganaris A 2017 Deciphering the interplay among maturity stage and low-temperature storage on ripening behaviour and phytochemical properties on peach and nectarine fruit. *Postharvest Biology and Technology*, submitted.

CHAPTERS IN BOOKS

23. **Paschalidis K**, Aziz A, Geny L, Primikiris NI, Roubelakis-Angelakis KA (2001) Polyamines in *Vitis* spp. *In: Molecular Biology and Biotechnology of Grapevine*, K.A. Roubelakis-Angelakis (ed), Kluwer Academic Publishers, Dordrecht, The Netherlands, ISBN 0-7923-6949-1, pp 109-151 [Meuilleur Prix de l' Office International de la Vigne et du Vin, OIV, Paris 2002], www.wkap.nl/book.htm/0-7923-6949-1
24. **Paschalidis K**, Moschou PN, Aziz A, Toumi I, Roubelakis-Angelakis KA (2009) Polyamines in Grapevine: An Update. *In: Grapevine Molecular Physiology & Biotechnology*, K.A. Roubelakis-Angelakis (ed), Springer Netherlands Publishers, DOI 10.1007/978-90-481-2305-6_8 Pages 207-228
<http://www.springerlink.com/content/m66h6520g2036702/>

TEXTBOOKS

25. Drossou Z, Karanikola G, **Paschalidis K**, Fostieri A, Hardaki D (2000) Developmental Profile of the Municipality of Nea Alikarnassos, Municipality of Nea Alikarnassos, Heraklion, Greece, pages 65.
26. **Paschalidis K** (2000) Environmental Regulation of the Municipality of Nea Alikarnassos, Municipality of Nea Alikarnassos, Heraklion, Greece, pages 37.

27. **Paschalidis K** (2000) Laboratory Notes in General Agriculture IV, School of Agricultural Technology, Technological Educational Institute of Crete, Heraklion, Greece, pages 54.
28. **Paschalidis K**, Papadakis AK, Roubelakis-Angelakis KA (2008) Laboratory Notes in Plant Physiology and Biochemistry, University of Crete, Department of Biology, Heraklion, Greece, pages 34.
29. **Paschalidis K** (2010) Laboratory Notes in Arable Agriculture, School of Agricultural Technology, Technological Educational Institute of Crete, Heraklion, Greece pp 35.
30. **Paschalidis K** (2010) Laboratory Notes in Pomology and Viticulture, School of Agricultural Technology, Technological Educational Institute of Crete, Heraklion, Greece, pages 44.
31. **Paschalidis K** (2012) Laboratory Notes in Industrial and Energy Crops, School of Agricultural Technology, Technological Educational Institute of Thessaloniki, Thessaloniki, Greece, pages 96.

PUBLICATIONS IN PROCEEDINGS OF INTERNATIONAL PEER REVIEWED SCIENTIFIC MEETINGS AND IN DATABASES

32. **Paschalidis K**, Primikiris NI, Papadakis AK, Roubelakis-Angelakis KA (2000) Polyamines: morphogenic substances and/or antistress compounds? 11th FESPP Congress, Bulg J Plant Physiol S03-34, pp 128.
33. **Paschalidis K**, Roubelakis-Angelakis KA (2000). Effect of age-, tissue-specific direct organogenesis and cytokinin on distribution of free and conjugated polyamines in leaves of *Vitis vinifera* L. 6th International Symposium on Grapevine Physiology and Biotechnology, 11-15 June, Heraklion, Greece, pp 121.
34. Papadakis AK, **Paschalidis K**, Roubelakis-Angelakis KA (2000). Grapevine protoplasts: Apoptotic or non-totipotent? 6th International Symposium on Grapevine Physiology and Biotechnology, June 11-15, Heraklion, Greece, pp 88.
35. **Paschalidis K**, Roubelakis-Angelakis KA (2000). Free and conjugated polyamine distribution differs in high-regenerating tobacco and low-regenerating grapevine leaves. 12th FESPB Congress, Plant Physiology and Biochemistry 38 (supplement): S01-34, pp 24.
36. **Paschalidis K**, Roubelakis-Angelakis KA (2002). Polyamine metabolism is spatially and temporally regulated in grapevine (*Vitis vinifera* L.) and tobacco (*Nicotiana tabacum* L.) leaves. 13th FESPB Congress, September 2-6, Heraklion, Greece, pp 239.
37. Karandemiris KN, Primikiris NI, Yiakoumakis D, **Paschalidis K**, Delis ID, Skopelitis DS, Roubelakis-Angelakis KA (2002a) Molecular characterization of *Vitis vinifera* ornithine decarboxylase: I. *Vitis vinifera* ornithine decarboxylase (ODC, EC 4.1.1.17) mRNA, partial cds. Accession number: AY174164 EMBL/GenBank/DDBJ databases
38. Karandemiris KN, Primikiris NI, Yiakoumakis D, **Paschalidis K**, Delis ID, Skopelitis DS, Roubelakis-Angelakis KA (2002b) Molecular characterization of *Vitis vinifera* ornithine decarboxylase: II. *Vitis vinifera* ornithine decarboxylase (ODC, EC 4.1.1.17) protein. Accession number: AAO49839 EMBL/GenPept/DDBJ databases
39. Andronis AE, Delis ID, Skopelitis D, Yakoumakis DJ, **Paschalidis K**, Papadakis AK, Roubelakis-Angelakis KA (2004). Do we know all about signalling and molecular responses of plants to osmotic stress? 14th FESPB Congress, Acta Physiologiae Plantarum 26 (supplement): PL 11, pp 4.
40. **Paschalidis K**, Roubelakis-Angelakis KA (2004). Ornithine decarboxylase is highly expressed in secondary roots and spermidine synthase in shoot vascular tissues. 14th FESPB Congress, Acta Physiologiae Plantarum 26 (supplement): PG 031, pp 27-28.

41. Andronis, A. E. , H.D. Pliakonis, I. D. Delis, D. S. Skopelitis, D. I. Yakoumakis, A. K. Papadakis, **K. Paschalidis**, N. V. Paranychianakis, and Kalliopi A. Roubelakis-Angelakis. 2004. Physiological and Molecular Responses of Grapevine to Salinity/Drought. COST858 on Aquaporins, Mallorca, Spain, 21-23 October 2004, S1/p.5.
42. **Paschalidis K**, Skopelitis DS, Pliakonis ED, Paranychianakis NV, Roubelakis-Angelakis KA (2005). The genes for enzymes of polyamine biosynthesis and catabolism are developmentally regulated in *Vitis vinifera* L. and linked to abiotic stress response. Cost 858 Workshop on Functional Gene Analysis in Grapevine, October 6-7, 2005, Siebeldingen, Germany, Book of Abstracts p. 14 http://www.bordeaux-aquitaine.inra.fr/cost858_eng
43. Andronis* E, Moschou* PN, Delis* ID, Skopelitis* DS, Papadakis A.K., Paranychianakis NV, **Paschalidis K** and KA Kalliopi A. Roubelakis-Angelakis (2006) Molecular strategies for resistance of plants to osmotic stress. Panhellenic Conference with international participation "Life Sciences in 21st Century, 13-15 April, Athens, p. 24 (*these authors contributed equally to this work) http://www.pev.gr/spaw/uploads/1st_ann%2018_1_2.pdf
44. Skopelitis DS, Paranychianakis NV, Moschou PN, **Paschalidis K**, Delis ID, Roubelakis-Angelakis KA (2006). New Molecular Strategies for Tolerance of Plants to Salinity. 15th FESPB Congress, July 17-22, Lyon, France, RASO2-113, p. 170 <http://fespb.org/>
45. Skopelitis DS, Paranychianakis NV, Moschou, PN, **Paschalidis K**, Andronis E, Delis ID, Roubelakis-Angelakis KA (2006). Molecular Strategies Affecting Tolerance of Plants to Salinity. COST 858 Meeting on Plant Abiotic Stresses, September 14-18, Prague, Czech http://www.bordeaux-aquitaine.inra.fr/cost858_eng
46. Toumi E, Moschou PN, **Paschalidis K**, Ghorbel AW, Mliki A, Roubelakis-Angelakis KA (2007). Differential expression of biosynthetic and catabolic genes of polyamines in sensitive and tolerant to drought *Vitis* genotypes. COST 858 Meeting "Establishing biological function in grapevine", May 6-8, Logroño (La Rioja), Spain http://www.bordeaux-aquitaine.inra.fr/cost858_eng
47. Skopelitis DS, Pliakonis ED, Paranychianakis NV, **Paschalidis K**, Papadakis AK, Roubelakis-Angelakis KA (2007) What is new about Glutamate Dehydrogenase? Meeting on Nitrogen 2007, L3.02, 27 July – 1 August, Lancaster University, UK <http://biol.lancs.ac.uk/nit2007/additional.htm>
48. Moschou, P.N. D.V. Skopelitis, I.D. Delis, H.D. Pliakonis, N.V. Paranychianakis, A.Andriopoulou, G. Lagiotis, **K. Paschalidis**, A.K. Papadakis & K. A. Roubelakis-Angelakis. Biotechnological applications for tolerance of plants to salinity. Greek-Chinese Workshop in BioAgriculture. Heraklion 27 July 2007.
49. Moschou PN, Andriopoulou AH, Lagiotis GD, **Paschalidis K**, Roubelakis-Angelakis KA (2007) Polyamine Content Increase Is Important for Plant Adaptation to Salt Stress for Both Tobacco and Grapevine Plants. COST 858 Workshop "Vineyard under environmental constraints: adaptations to climate change", October 18-20, 2007, Lodz, Poland http://www.bordeaux-aquitaine.inra.fr/cost858_eng
50. Moschou, P.N. A.H. Andriopoulou, G. Lagiotis, **K. Paschalidis**, and Kalliopi A. Roubelakis-Angelakis (2008). Polyamine anabolism and catabolism pathways crosstalk to efficiently orchestrate PAs homeostasis and cell responses to abiotic stress. COST Action FA0605 Symposium "Signaling control of stress tolerance and production of stress protective compounds in plants", Matera, Italy, 11-14 April 2008 <http://cost-inpas.org/>
51. **K. Paschalidis**, and Kalliopi A. Roubelakis-Angelakis (2008). Molecular markers for grapevine genetic identification. International Symposium "The Biodiversity of *Vitis* in the Genomic Era", April 18, 2008, Centre for Research and Technology Hellas (CE.R.T.H.), Thessaloniki, Greece <http://www.certh.gr>

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