

Dr. DESPOINA G. PETOUMENOU

Lecturer in Viticulture (PhD)

University of Thessaly

Department of Agriculture Crop Production and Rural Environment

Curriculum Vitae

Volos, 2019

PERSONAL DATA

Family name: Petoumenou
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Present position: Lecturer in Viticulture (PhD), Department of Agriculture Crop Production and Rural Environment, University of Thessaly, Volos, Greece

ACADEMIC QUALIFICATIONS

April 2003: Degree in Agricultural Sciences and Technologies, Faculty of Agriculture, Department of Agricultural and Environmental Sciences, University of Perugia, Italy. Vote: 105/110.

February 2007: *Ph.D.* in Arboriculture and Plant Protection, Faculty of Agriculture, Department of Agricultural and Environmental Sciences, University of Perugia, Italy.

Ph.D. Dissertation Title: “Growth rate, morpho-physiological and ultrastructural behaviour in *Vitis vinifera* L. under limited and unlimited conditions”.

Supervisors: Palliotti A., Cartechini A.

April 2010: Degree in Viticulture and Enology, Faculty of Agriculture, Department of Agricultural and Environmental Sciences, University of Perugia, Italy. Vote: 109/110.

July 2014: Lecturer in Viticulture in the Department of Agriculture Crop Production and Rural Environment, University of Thessaly.

SCHOLARSHIPS – AWARDS

Academic Years 1999-2000, 2000-2001, 2001-2002	Scholarships from the Italian Ministry of Education because of best student performance on my undergraduate studies in Faculty of Agriculture, University of Perugia, Italy.
10/2004-02/2007	Scholarship from Public Benefic Foundation Alexander S. Onassis (Greece) for <i>Ph.D.</i> studies in Faculty of Agriculture, University of Perugia, Italy.
12/2007	Award of excellence with financial reward for working out the best <i>Ph.D.</i> thesis in 2007 and throughout Italy from the Italian Association of Agricultural Sciences (AISSA).
2007-2008	Scholarship from the Italian Ministry of Education (MIUR) for postdoctoral research in Viticulture.

LANGUAGE SKILLS

Greek	Mother tongue
English	Certificate of Lower in English (June 1993, University of Cambridge).
Italian	Fluent

COMPUTER LITERACY

- Statgraphics (attended seminar at Faculty of Agriculture, University of Perugia, Italy, 20/03/2004-29/04/2004).
- MS Word, MS Excel, MS Access, MS Power Point, MS Internet Explorer & Outlook Express and MS Windows XP (Certificate ECDL: European Computer Driving Licence).

SCIENTIFIC COMMITTEE MEMBER

- “First International Symposium on Grapevine Roots”, 2014, Rauscedo, Italy.
- “Ampelos 2017”, Santorini, Greece.

- “Giesco 2019”, Thessaloniki, Greece.
- “Greek Society of Horticultural Science”, Patra, Greece.

CONFERENCES

4-6 May 2004	“VII SOI Congress”, Napoli, Italy.
17-19 November 2004	“II Interantional Symposium Sangiovese”, Florence, Italy.
23-27 August 2005	“XIV International Groupe d’Etude des Systèmes de CONduite de la Vigne (GESCO) Viticulture Congress, GESCO 2005”, Geisenheim (Germany).
15-17 September 2005	“International Whorkshop on Advances in Grapevine and Wine Research”, Venosa, Italy.
21-23 September 2005	“GEOITALIA 2005”, Spoleto, Italy.
21-23 June 2006	“ 1 st National Congress on Viticulture”, Ancona, Italy.
8-12 May 2007	“VIII SOI Congress”, Sassari, Italy.
10-12 December 2007	“5 th Annual congress of AISSA”, Foggia, Italy.
14-19 July 2008	“2 ^o National Congress on Viticulture”, Marsala, Italy.
21 April 2012	“1 st Congress on Viticultural, Kapandriti, Greece.
30-31 May 2013	“Ampelos 2013”, Santorini, Greece.
16-17 October 2014	“First International Symposium on Grapevine Roots”, Rauscedo, Italy.
28 September - 5 October 2016	“27 th Congress of the Greek Society of Horticultural Science”, Volos, Greece.
23-28 June 2019	“21 th GiESCO International Meeting (Group of international Experts for Cooperation on Vitivinicultural Systems)”, Thessaloniki, Greece.
15-18 October 2019	“29 th Congress of the Greek Society of Horticultural Science”, Patra, Greece.

SEMINARS

20/03/2004-29/04/2004	“Experimental Methodology in Agriculture”, Faculty of Agriculture, University of Perugia, Italy (Prof. Onofri A.)
18/06/2004	“Modeling for the analysis of experimental data”, Faculty of Agriculture, University of Bologna, Italy (Prof.

Magnani F.)

- 24/06/2004-25/06/20004 Theoretical-practical Course on Chlorophyll α Fluorescence and J-I-P TEST, Rapolano Terme, Siena, Italy, (Prof. R. J. Strasser, University of Ginevra, CH)
- 01/06/2007 “1st Technical Seminar on Plant Ecophysiology”, Centro Interdipartimentale di Ricerche Agro-Ambientali (C.I.R.A.A.) “Enrico Avanzi”, University of Pisa, Italy
- 20/02/2008 Seminar: “Production control of *Vitis vinifera* L. and correlation with the quality”, Faculty of Agriculture, University of Perugia, Italy, (Prof. Poni S.)
- 10/04/2008 Seminar: “Vineyard efficiency: recent physiological acquisitions for the analysis and optimization”, Faculty of Agriculture, University of Perugia, Italy, (Prof. Palliotti A.)
- 29/05/2008 Seminar: “Research on photosynthesis of plants under water stress using fluorescence analysis of photosystems I and II (P680 e P700)” Faculty of Agriculture, University of Perugia, Italy, (Prof. Palliotti A.)
- 07/11/2012 Seminar: «Fertigation/NutrigationTM», Apofruit Italia-Soc. Coop., Bologna, Italy, (Prof. Ron Seligmann)

RESEARCH AND PROFESSIONAL EXPERIENCE

- **University of Perugia, Faculty of Agriculture, Department of Agricultural and Environmental Sciences, Perugia, Italy: 2007 – 2009**

Participation as a postdoctoral researcher in conducting the following research projects entitled:

- “ The impact of vine spacing and canopy management on grape and wine quality and the use of environmental reserves”,
- “ Analysis of the development and adaptation mechanisms of *Vitis vinifera* L. genotypes characterized by different water-stress”,
- “The Montefalco and Colli Perugini DOC wine areas”,
- “Effect of summer pruning in white grape varieties”,

- “ Analysis and evaluation of viticulture capacity in Umbria (Umbria, Italy)”,
- “Extension of the ampelographic platform in the Umbria region (Umbria, Italy)”,
- “Ripening process, analysis of productivity and grape quality in white and red grape varieties in the Trasimeno area (Umbria, Italy)”.
- **University of Perugia, Faculty of Agriculture, Department of Agricultural and Environmental Sciences, Perugia, Italy: 2008**
 - Member of the Committee on the recommendation, the Italian Ministry of Agriculture and Forestry (Ministero delle Politiche Agricole e Forestali), for the registration of the variety "GRERO" in the Italian Catalogue of Grapevine Variety, as indigenous grapevine variety of Umbria, Italy.
- **Regional Authority «Veneto Agricoltura», Venice, Italy: 09/2011 – 09/2012**
 - Scientific responsible of the program entitled "Sustainable use of Venetian wine-growing areas in the case of international red wine varieties and the sweet wines of the Veneto province”.
- **Viticulture Research Center –Crea, Conegliano Veneto, Italy, 09/2012 – 07/2014.**

Scientific responsible of the below programs entitled:

- “Evaluation of plant-soil relationships under different soil water regimes using physiological and environmental parameters”,
- “Optimization of irrigation water through automation in relation to soil type, and the representative varieties of Venice”,
- “Winter pruning: effect on wine products quality and plant health”.
- **University of Thessaly, Academic year 2013–2014**
- Undergraduate teaching on the Department of Agriculture Crop Production and Rural Environment, University of Thessaly: Course of Viticulture.
- **University of Thessaly, 07/2014 – today**
 - Lecturer in Viticulture (FEK number 804/26-10-2014, Issue Γ'). Teaching undergraduate and graduate courses, research and supervision of students in the Laboratory of Viticulture, Department of

Agriculture Crop Production and Rural Environment, University of Thessaly.

- **University of Thessaly, 07/2014 – today**
 - **Establishment, organization and responsible operation of the Laboratory of the** Department of Agriculture Crop Production and Rural Environment, University of Thessaly. **Responsible for the design, installation and management of educational / research vineyard in Velestino Magnisias of the** Department of Agriculture Crop Production and Rural Environment, University of Thessaly.
- **University of Thessaly, 11/2014 - today**
 - Scientific responsible of the project: "Study on the development and adaptability of native and foreign grapevine varieties (*Vitis vinifera* L.) in the climatic conditions of Magnesia", sponsored by the University of Thessaly Research Committee.
- **University of Thessaly, 05/2016 – 08/2016**
 - Member of the research team in the project titled «LIFE09 EN/GR/000296 Adapt to change, Adapt Agricultural production to climate change and limited water supply».
- **University of Thessaly, 07/2016 – today**
 - Member of the research team in a project titled: «Raising public awareness of development issues and promoting development education in the European Union», sponsored by the European Union.

ADMINISTRATIVE EXPERIENCE

- Member in three committees of the Department of Agriculture Crop Production and Rural Environment, University of Thessaly.

ACADEMIC ACTIVITIES

- **Academic Years 2006–2007 και 2007–2008, University of Perugia, Faculty of Agriculture, Department of Agricultural and Environmental Sciences, Viticulture Section, Perugia, Italy):**
Participation in conducting theoretical and laboratory courses (Viticulture I, Viticulture II) as well as the supervision of dissertations for undergraduate

students of Degree “**Viticulure and Enology**” of the Faculty of Agriculture of Perugia.

- **10/2010 – 07/2011, Technological Educational Institute (TEI) of Athens, Department of Oenology and Beverage Technology:**
Teaching Course «**Ampelography**».
- **Academic year 2013–2014, University of Thessaly:**
Teaching on the undergraduate courses of «Viticulture», Department of Agriculture Crop Production and Rural Environment, University of Thessaly.
- **07/2014 – today, Department of Agriculture Crop Production and Rural Environment, University of Thessaly: Teaching in Undergraduate Studies.** More specifically:

<i>Academic Year</i>	Semester	Course Title	Total Hours of the course	
2014-2015	9 th	«Viticulture»	52	Coordination and teaching
2015-2016	9 th	«Viticulture»	52	Coordination and teaching
	10 th	«Specific Viticulture»	52	Coordination and teaching
2016-2017	9 th	«Viticulture»	52	Coordination and teaching
2018-2019	8 th	«Viticulture»	52	Coordination and teaching
	9 th	«Specific Viticulture»	52	Coordination and teaching
	9 th	«Enology»	52	Coordination and teaching
2019-2020	8 th	«Viticulture»	52	Coordination and teaching
	9 th	«Specific Viticulture»	52	Coordination and teaching
		«Enology»	52	Coordination and teaching

- **07/2014 – today, Department of Agriculture Crop Production and Rural Environment, University of Thessaly:** Teaching in Postgraduate Studies. More specifically:

<i>Academic year</i>	Semester	Course Title	Total Hours of the course	
2014-2015	1 st	“Innovative techniques in Arboriculture”	6	Co-teaching
2015-2016	1 st	“Innovative techniques in Arboriculture”	6	Co-teaching
2016-2017	1 st	“Innovative techniques in Arboriculture”	6	Co-teaching
2018-2019	2 nd	“Special Issues in Viticulture”	40	Coordination and teaching
2018-2019	2 nd	“Special Issues in Viticulture”	40	Coordination and teaching

- **07/2014 – today, Department of Agriculture Crop Production and Rural Environment, University of Thessaly:**

A. Supervisor of several BSc and MSc dissertations

B. Member of the student's advisory committee

A. Supervised Students			
	Name	Title	Level of Education
1.	Tavatidis Georgios	«Influence of innovative canopy management techniques on grape and wine quality of Savatiano grapevine cultivar»	BSc
2.	Nikolaou Sofia	«Influence of zeolite use on growth of young grapevines (<i>Vitis vinifera</i> L.)»	BSc
3.	Magouti Sotiria	«Influence of mycorrhiza <i>Glomus</i> spp. on growth of young grapevines (<i>Vitis vinifera</i> L.)»	BSc
4.	Poutsiouka Rodoula	«Production and quality of grape and wine in the Commandaria PDO viticultural area»	BSc
5.	Koufalidakis Zotis-Athanasios (in progress)	«Ampelographic study of Sykiotis grapevine cultivar (<i>Vitis vinifera</i> L.) in the P.D.O. Anchialos zone»	BSc
	Assimakopoulos	«Table grape varieties (<i>Vitis</i>	BSc

6.	Theodoros (in progress)	<i>vinifera</i> L.) cultivated in Greece. Current situation and outlook»	
7.	Grivas Vasileios	«The grapevine cultivation in the Prefecture of Ioannina. Current situation and outlook»	BSc
8.	Kamkoutis Thomas (in progress)	«Study of Cabernet franc clones (<i>Vitis vinifera</i> L.) cultivated in Velvento Kozani»	BSc
9.	Malgaridis Dimitrios	«The cultivation of table grape Sultanina in Kavala region»	BSc
10.	Meletiadis Georgios	«The cultivation of Roditis variety (<i>Vitis vinifera</i> L.) in Magnesia region»	BSc
11.	Papavaitsis Panagiotis (in progress)	«Innovative canopy management techniques to improve quality of Crimson seedless table grape cultivar (<i>Vitis vinifera</i> L.)»	BSc
12.	Patris Vassilios-Emmanouil (in progress)	«Evaluation of different applications to improve the qualitative characteristics of Crimson seedless cultivar (<i>Vitis vinifera</i> L.)»	MSc

B. Member of the student's advisory committee:

1.	Manuel Edoardo Iseri	«Innovative canopy management techniques to improve grape quality and salubrity»	BSc
2.	Strantza Chrisoula	«Growth and productivity of cherry varieties formed with central axis in Velestino»	BSc
3.	Goutzourelas Athanasios	«Innovative training system of young almond trees and fertilization»	BSc
4.	Dourtmes Nikolaos	«Initial development of intensive apple training system formed with central axis»	BSc
5.	Kalatha Vassiliki	«Shading and reflective plastic mulch on table grapes Victoria: Effect on leaf characteristics and grape quality»	BSc
6.	Natsopoulou Eleni	«The effect of corn-starch in the production of free-gluten bread»	BSc
7.	Karakoussi Maria	«The effect of potato starch in the production of free-gluten bread»	BSc

PUBLICATIONS

BSc dissertations:

- **Petoumenou D.**, 2003. “Effects of gibberellic acid (GA₃) and annular incision on the qualitative and quantitative characteristics of Sultanina grapes (*Vitis vinifera* L.)” - Original title: “Effetti dell’Acido Gibberellico (GA₃) e dell’incisione anulare sulle caratteristiche qualitative e quantitative dell’uva Sultanina (*Vitis vinifera* L.)”, Faculty of Agriculture, University of Perugia, Italy
- **Petoumenou D.**, 2010. “Morpho-physiological mechanisms of Sangiovese adaptation to water stress” - Original title: “Meccanismi morfo-fisiologici di adattamento alla carenza idrica nel Sangiovese”, Department of Agricultural and Environmental Sciences, Faculty of Agriculture, University of Perugia, Italy.

Ph.D. Thesis:

- **Petoumenou D.**, 2007. “Growth rate, morpho-physiological and ultrastructural behaviour in *Vitis vinifera* L. under limited and unlimited conditions”, Department of Agricultural and Environmental Sciences, Faculty of Agriculture, University of Perugia, Italy.

MORE IMPORTANT PUBLICATIONS IN INTERNATIONAL PEER REVIEWED JOURNALS

- Palliotti, A., Cartechini, A., Silvestroni, O., Mattioli, S., **Petoumenou, D.**, Berrios, J.G., 2007. “Long-term effects of seeded cover-crop on vegetative characteristics, yield and grape and wine composition of 'Grechetto' grapevines in central Italy”. *Acta Horticulturae*, 754, 515-520.
- Palliotti A., Silvestroni O., **Petoumenou D.**, Vignaroli S., Berrios J.G., 2008. “Evaluation of low energy requirement adaptive mechanisms in Sangiovese grapevine during drought”. *Journal International des Sciences de la Vigne et du Vin* 42, 1, pp. 41-47.
- Palliotti A., Silvestroni O., **Petoumenou D.**, 2009. “Photosynthetic and photoinhibition behavior of two-field grown grapevine cultivars under multiple summer stresses”. *American Journal of Enology and Viticulture*, 60 (2), 189-198.
- Palliotti A., Silvestroni O., **Petoumenou D.**, 2010. “Seasonal patterns of

growth rate and morphophysiological features in green organs of Cabernet sauvignon grapevines”. *American Journal of Enology and Viticulture* 61 (1), 74-82.

- Panara F., **Petoumenou D.**, Calderoni O., Dini F., D’Onofrio C., Bedini C., Palliotti A., 2013. “Ampelographic and genetic characterisation of ancestral grapevine (*Vitis vinifera* L.) accessions present in the Umbria Region (Central Italy)”. *Journal of Horticultural Science & Biotechnology*, 88 (5), 525–530.
- Gaiotti F., Marcuzzo P., **Petoumenou D.**, Battista F., Belfiore N., Tomasi D., 2016. “Compost amendment effects on grapevine root density and distribution”. *Acta Horticulturae* 1136, 115-120.
- Petoumenou, G.D., Biniari, K., Xyrafis, E., Mavronasios, D., Daskalakis, I., Palliotti, A., 2019. Effects of Natural Hail on the Growth, Physiological Characteristics, Yield, and Quality of *Vitis vinifera* L. cv. Thompson Seedless under Mediterranean Growing Conditions. *Agronomy*, 9 (4), 197.

BOOKS – MONOGRAPHS

- “Caratterizzazione vitivinicola dell’area a Denominazione di Origine Controllata “Montefalco”, 159 pages, Edizioni 3-A Parco Tecnologico Agroalimentare dell’Umbria, Frazione Pantalla, Todi, October 2007, ISBN: 88-88417-04-4.
- “Vitigni tradizionali e di recente diffusione in Umbria – Schede varietali”, 138 pages, Tipografia Giostrelli, Ponte S. Giovanni, Perugia, May 2008, ISBN: 88-87652-15-4.
- “Trasimeno DOC - investigations on vegetative and productive aspects and management techniques to improve the quality of grapes and wines“, Perugia, December 2009, ISBN: 978-88-87652-20-8.
- “Delle terre del Piave: Uve, vini e paesaggi. Capitolo: La scelta dei portinnesti nell’area Piave Despoina Petoumenou e Diego Tomasi”, 333 pages, T-Studio, Soave (Vr), November 2011, ISBN: 978-88-97081-13-5.

MAGAZINE ARTICLE

- Palliotti A., Cartechini A., **Petoumenou D.**, 2004. “Validazione e applicazioni del modello “Stella” per l’analisi dell’efficienza del vigneto: Bilancio del Carbonio in funzione della gestione del suolo”. *L’Informatore Agrario*, 43, 29, pp. 104, (Verona, January 2004, ISSN: 0020-0689).
- Palliotti A., Cartechini A., Vignaroli S., **Petoumenou D.**, Taticchi A., Guelfi P., 2008. “Vite, la forma a Y si può meccanizzare con il SAYM”. *L’Informatore Agrario*, 1, pp. 49-53, (Verona, January 2008, ISSN: 0020-0689).
- Palliotti A., **Petoumenou D.**, Vignaroli S., Silvestroni O., Di Lena B., Poni S., 2008. “Reazioni della varietà di vite agli stress climatici estivi”. *L’Informatore Agrario*, 1, pp. 41-50, (Verona, June 2008, ISSN: 0020-0689).
- Gaiotti F., **Petoumenou D.**, Marcuzzo P., Tomasi D., 2013. “Speciale Irrigazione della vite: strumento per fare qualità. Vite: corretta gestione della microirrigazione”. *L’Informatore Agrario*, pp. 44-48, (Verona 18/ 2013, ISSN: 0020-0689).
- Gaiotti F.; **Petoumenou D.**; Tomasi D., 2014. “Stress idrico nella vite: i segnali visivi cui prestare attenzione”. *Il Corriere Vinicolo* 87: 10 33-35.
- Battista F., **Petoumenou D.**, Gaiotti F., Tomasi D., 2015. “Speciale vigneto: Gestione suolo e radici. Effetto della potatura sullo sviluppo radicale”. *L’Informatore Agrario*, 6, pp. 47-49, (Verona, February 2015, ISSN: 0020-0689).

PAPERS IN PROCEEDINGS

- Palliotti A., Cartechini A., **Petoumenou D.**, Storchi P., Valentini P., Dei Bianchi R., Persia A., 2004. “Valutazione dell’attività vegetativa e produttiva del Sangiovese innestato su sei portinnesti in Italia Centrale”. Proceedings: “II International Symposium, Il “Sangiovese”, Florence (Italy), 17-19 November 2004, pp. 379-385, (Sesto Fiorentino-FI, September 2006, ISBN: 88-8295-076-X).
- Palliotti A., Silvestroni O., **Petoumenou D.**, Mattioli S., 2005. “Ultrastructural features and seasonal evolution of CO₂ efflux and chlorophyll fluorescence in green organs of field-grown grapevine”. Proceedings: “XIV International

Groupe d'Etude des Systèmes de CONduite de la Vigne (GESCO) Viticulture Congress, GESCO 2005", Geisenheim (Germany), 23-27 August 2005, Vol. 2, pp. 540-545, (Geisenheim, August 2005, ISBN 3-93472- 19-X).

- Calandra O., Palliotti A., Leccese A., **Petoumenou D.**, 2005. "Pedological research and grapevine performances on the Orvieto wine D.O.C. area". Proceedings: "GEOITALIA 2005", Spoleto (Italy), 21-23 September 2005.
- Gardi T., Micheli M., Palliotti A., Cartechini A., **Petoumenou D.**, Lisi F., 2006. "Esperienze sull'impiego delle colture in vitro per la rapida propagazione di varietà di vite in Umbria". Congress on "Indigenous varieties: technical, legal and commercial aspects", Torino (Italy), 30th November-1st December 2006.
- Palliotti A., Cartechini A., **Petoumenou D.**, Silvestroni O., Mattioli S., Berrios J.G., 2007. "Long-term effects of seeded cover-crop on vegetative characteristics, yield and grape and wine composition of Grechetto grapevines in central Italy". Acta Horticulturae 754, pp. 515-520, (Leiden-The Netherlands, October 2007, ISSN 0567-7572, ISBN: 978 90 6605 620 6).
- Palliotti A., Silvestroni O., Cartechini A., **Petoumenou D.**, Mattioli S., 2007. "Mechanisms of down-regulation of photoassimilation in *Vitis vinifera* L.". Italus Hortus, 14 (3), pp. 115-120, (Società Orticola Italiana-SOI, Florence, September 2007, ISSN: 1127-3496).
- Palliotti A., **Petoumenou D.**, Vignaroli S., 2007. "Meccanismi morfo-fisiologici di adattamento alla carenza idrica nel Sangiovese". Proceedings: "VIII Congress of SOI (Scientifiche Società Orticola Italiana)", Sassari (Italy), 8-11 May, pp. 92, (Società Orticola Italiana-SOI, Firenze, Aprile 2007, ISSN: 1127-3496).
- Palliotti A., Di Lena B., **Petoumenou D.**, Vignaroli S., 2007. "Influence of thermometric availability on grape composition of Montepulciano vines trained to tendone system". Proceedings: "Congress on Climate and Viticulture-CONCLIVIT", Saragozza (Spain), 10-14 April 2007, pp. 59-62, (Saragozza-Spain, April 2007).
- Palliotti A., Silvestroni O., **Petoumenou D.**, Vignaroli S., Berrios J.G., 2007.

“Light avoiding capability in Sangiovese leaves during water stress and effects on photoinhibition and gas-exchange”. Proceedings: “XV International Symposium GESCO (Groupe d’Etude des Systemes de Conduite de la Vigne) 2007”, Poreč (Croatia), 20-23 June 2007, Vol. I, pp. 503-509, (Institute of Agriculture and Tourism: Poreč, Croatia, June 2007, ISBN: 978-953-7296-01-8).

- Palliotti A., Poni S., **Petoumenou D.**, Vignaroli S., Guelfi P., 2008. “Effects of modulated limitation of canopy photoassimilation using antitranspirant on yield and grape composition”. Proceedings: “2nd Italian Congress on Viticulture”, Marsala (Sicily, Italy), 14-19 July 2008, pp. 7.
- Palliotti A., Guelfi P., **Petoumenou D.**, Vignaroli S., Ranieri E. M., Antonelli G. 2008. “Effects of different inter-row spacing on yield and grape composition of cv. Sangiovese (*Vitis vinifera* L.)”. “II Convegno Nazionale di Viticoltura”, Marsala (Sicily, Italy), 14-19 July 2008, pp. 208-209.
- Palliotti A., Vignaroli S., **Petoumenou D.**, Bernizzoni F., Poni S., 2009. “Adaptive mechanisms and productive response of Sangiovese vines under early water deprivation”. Proceedings: “16th International GiESCO Symposium (Group of international Experts of Vitivincultural Systems for CoOperation (California), 15-12 July 2009, pp. 107-11219-X).
- **Petoumenou D.**, 2012. Use of pinoline antitranspirant substance on grapevine cultivars. Proceedings 1st Congress on Viticulture, Kapandriti, Greece, 2012, 47-54.
- **Petoumenou D.**, Tomasi D., Marcuzzo P., Lovat L., Belfiore N., Gaiotti F., 2013. “Root distribution, root/canopy ratio on *Vitis vinifera* L. cv. Pinot gris grafted onto rootstock SO4 as affected by winter pruning or no winter pruning”. International Symposium Ampelos 2013, Santorini, Greece.
- Battista F., **Petoumenou D.**, Gaiotti F., Lovat L., Porro D., Tomasi D., 2014. “Corvina berry morphology and grape composition as affected by two training system (Pergola and Guyot) in a context of climate change scenario”. Xth International Terroir Congress, Tokaj, Hungary.
- Gaiotti F., Marcuzzo P., Battista F., **Petoumenou D.**, Belfiore N., Tomasi D., 2014. “Compost amendment effects on grapevine root density and distribution”. 1st International Symposium of Grapevine Roots”, Rauscedo,

Italy.

- **Petoumenou D.**, Theodorou N., Adamakis I., Zioziou E., Koundouras S., 2015. “Drought-induced changes in xylem vessel size and distribution of field grown Syrah grapevines”, Proceedings: “19th International GiESCO Symposium (Group of international Experts of Vitivinicultural Systems for CoOperation (California), 15-12 July 2009, Pech-Rouge - Montpellier, France).
- **Petoumenou D.**, Xyrafis E., Vassileiou C., Dimakis I. and Batista F., 2017. Vine performance and Wine Quality of Muscat Hamburg cultivar after a Specific Inactivated Dry Yeast application as Adaptation Strategy to Climate Change. Ampelos 2017. 4th International Symposium “Mediterranean Vineyards and Climate Change”, 12-14 May 2017, Santorini, Greece.
- **Petoumenou D.**, Xyrafis E.G., Dimakis I. and Batista F., 2017. Application of a specific inactivated dry yeast to Muscat Hamburg cultivar in a Mediterranean climate: effects on vine performance and grape quality. 8th International Table Grape Symposium, 1-7 October 2017, Apulia & Sicily, Italy, pp. 129-130, ISBN 979-12200-2305-4.
- **Petoumenou D.**, Xyrafis E., Georgoudaki T. and Kalatha V., 2017. Effect of innovative canopy management techniques on grape quality of Crimson seedless (*Vitis vinifera* L.). 28th Congress of Greek Society for Horticultural Science, 16-18 October 2017, Thessaloniki, Greece.
- **Petoumenou D.** and Nikolaou S., 2017. Effect of zeolite use on growth of young grapevines (*Vitis vinifera* L.). 28th Congress of Greek Society for Horticultural Science, 16-18 October 2017, Thessaloniki, Greece.
- **Petoumenou D.**, Xyrafis E., Dimakis I. and Battista F., 2019. Grape composition and wine quality of Muscat Hamburg cultivar after a specific inactivated dry yeast application as adaptation strategy to climate change. “21th GiESCO International Meeting (Group of international Experts for Cooperation on Vitivinicultural Systems)”, Thessaloniki, Greece., Thessaloniki, Greece.
- **Petoumenou D.**, Xyrafis E., Dimakis I. and Mikrogiannakis E., 2019. Effect of foliar applications with zeolite and kaolin on physiology and quantitative and qualitative characteristics of cultivar Roditis (*Vitis vinifera* L.) 29th

Congress of Greek Society for Horticultural Science, 15-18 October 2019,
Patra, Greece.