

Europass Curriculum Vitae

Personal information First name(s) / Surname(s) Address(es) Telephone(s) Fax(es) E-mail Nationality Date of birth Gender



# Aliki Georgia Vassiliou

Stilponos 25, 11636, Athens, Greece +30-210-7521875 alvass75@gmail.com Greek/Australian 18<sup>th</sup> March 1975 Female

Mobile: +306944586962

# Work experience

Dates Occupation or position held Main activities and responsibilities Name and address of employer Type of business or sector

> Dates Sep 07 – Apr 10 Occupation or position held Clinical Research Associate (CRA)

Main activities and responsibilities Name and address of employer Type of business or sector

## Dates May 07 – Aug 07

Apr 10 - Onwards

Postdoctoral Fellow

LEPL - Research Institute

Supervision of Clinical Studies

Pharmaceutical Company

Occupation or position held Main activities and responsibilities Name and address of employer Postdoctoral Research Scientist Participation in the project titled "The study of new molecular markers for prostate cancer" Department of Biochemistry and Molecular Biology, Faculty of Biology, University of Athens, Panepistimioupolis, 15701, Athens, Greece University

Pharmaserve-Lilly S.A.C.I, 15th klm National Road Athens-Lamia, 14564, Kifissia, Greece

Projects in basic and applied research. Supervision of postgraduate students.

Thorax, Ploutarchou 3, 10675, Kolonaki, Athens

Type of business or sector

## Dates Oct 06 – Feb 07

Occupation or position held Main activities and responsibilities Name and address of employer Assistant Lecturer Teaching Molecular Biology I Faculty of Molecular Biology & Genetics, Demokriteio University of Thrace, Panepistimioupolis, Dragana, Alexandroupoli, Greece University

Type of business or sector

Dates

## Aug 06 – Sep 07

Occupation or position heldCollaborative Research AssociatePage 1/7 - Curriculum vitae of<br/>Vassiliou, Aliki-GeorgiaFor more information on Europass go to http://europass.cedefop.europa.eu<br/>© European Communities, 200320060628

Main activities and responsibilities	Supervisor of Biology I & II laboratory courses				
Name and address of employer	Faculty of Science, Hellenic Open University, Patras, Greece				
Type of business or sector	University				
Dates	Feb 06 – Jul 07				
Occupation or position held	Postdoctoral Research Associate				
Main activities and responsibilities	Participation in the project titled "The study of molecular mechanisms of neurodegeneration", supervision of undergraduate and postgraduate students.				
Name and address of employer	Department of Biochemistry and Molecular Biology, Faculty of Biology, University of Athens, Panepistimioupolis, 15701, Athens, Greece				
Type of business or sector	University				
Dates	May 04 – Jan 06				
Occupation or position held	Postdoctoral Research Associate				
Main activities and responsibilities	Participation in the project titled "The study of common molecular mechanisms that lead to the appearance of neurodegenerative diseases", supervision of undergraduate and postgraduate students.				
Name and address of employer	Department of Biochemistry and Molecular Biology, Faculty of Biology, University of Athens, Panepistimioupolis, 15701, Athens, Greece				
Type of business or sector	University				
Dates	Nov 04 – Aug 07				
Occupation or position held	Instructor				
Main activities and responsibilities	Teach Biology and Chemistry in English to Prospective U.K. Undergraduate Students				
Name and address of employer	Network Foundation College, Vas. Sofias Avenue 84, 115 28 Athens, Greece				
Type of business or sector	Foundation College				
Dates	Jan 01 – Jun 06				
Occupation or position held	Graduate Teaching Assistant				
Main activities and responsibilities	Teaching assistant of the laboratory course in Biochemistry to the first year Biological Science and Pharmacology students				
Name and address of employer	Department of Biochemistry and Molecular Biology, Faculty of Biology, University of Athens, Panepistimioupolis, 15701, Athens, Greece				
Type of business or sector	University				
Dates	Jun 00 – Sep 00				
Occupation or position held	Research Assistant				
Main activities and responsibilities	Participation in the project titled "Development of a method for the isolation of peptides that can be used for the on time diagnosis and possible treatment of the neurodegenerative diseases Parkinson, Creutzfeldt Jakob, scrappie and mad cow disease (BSE)"				
Name and address of employer	Department of Biochemistry and Molecular Biology, Faculty of Biology, University of Athens, Panepistimioupolis, 15701, Athens, Greece				
Type of business or sector	University				
Dates	Sep 98 – Sep 99				
Occupation or position held	Graduate Teaching Assistant				
Main activities and responsibilities	Assist first year Biological Science students in the practical work of Biochemistry.				
Name and address of employer	Department of Biochemistry, Faculty of Medicine, University of Newcastle upon Tyne, U.K.				
Type of business or sector	University				
Dates	Sep 98 – Feb 99				
Occupation or position held	IT Demonstrator				
Main activities and responsibilities	Assist first year Medical, Physiology and PhD students with various computer software, such as Microsoft Office v8, statistical software (Minitab and Fig P), file management software (Endnote) and web-based applications				
Page 2/7 - Curriculum vitae of Vassiliou, Aliki-Georgia	For more information on Europass go to http://europass.cedefop.europa.eu © European Communities, 2003 20060628				

Name and address of employer Type of business or sector Computing Centre, Faculty of Faculty of Medicine, University of Newcastle upon Tyne, U.K. Universitv

Linear - Research and Scientific Applications, Stournari, Athens, Greece

Tutor Chemistry 110 and 120 to first year Biological Science students

Editing research protocols, statistical analyses, data management and entry, correction and editing of

#### Mar 97 - Jul 97 Dates

Occupation or position held Main activities and responsibilities **Research Associate** 

Statistical Company

theses and papers to be submitted

Name and address of employer Type of business or sector

#### Mar 95 - Oct 97 Dates

Tutor

Occupation or position held Main activities and responsibilities Name and address of employer Type of business or sector

### Education and training

#### Dates

### Title of gualification awarded Principal subjects/occupational skills covered

Name and type of organisation providing education and training Level in national or international classification

### Dates

Title of qualification awarded Principal subjects/occupational skills covered Name and type of organisation providing education and training Level in national or international classification

Dates

Title of qualification awarded Principal subjects/occupational skills covered Name and type of organisation providing education and training

Level in national or international classification

#### Dates

Class H1

Honours in Biochemistry

Trobe University, Australia

Title of qualification awarded Principal subjects/occupational skills covered

providing education and training

classification

#### Mar 93 - Nov 95 Dates

Title of qualification awarded **Bachelor of Science** Page 3/7 - Curriculum vitae of For more information on Europass go to http://europass.cedefop.europa.eu Vassiliou, Aliki-Georgia © European Communities, 2003 20060628

Self employed Teaching Oct 00 – Apr 04 Doctor of Philosophy (PhD)

Biochemistry, Molecular Biology. PhD Degree with project titled "Isolation and characterization of endogenous inhibitors of L-Dopa decarboxylase activity from human placenta and serum".

#### Faculty of Biology, School of Sciences, University of Athens

Excellent

Mar 00 - May 00 N/A

Cell and Tissue Culture

Muscle Cell Biology Group, Hammersmith Hospital, Imperial College, London, U.K.

Excellent

#### Oct 97 - Oct 99

Master of Philosophy (MPhil)

Biochemistry, Molecular Biology. Degree with project titled "Human trefoil proteins".

other basic antifungal proteins from the seeds of pumpkin (Cucurbita maxima)"

School of Clinical and Laboratory Sciences Faculty of Medicine, University of Newcastle upon Tyne, U.K.

Biochemistry. Honours Degree with project titled "Purification and characterisation of napin-like and

Department of Biochemistry, School of Molecular Sciences, Faculty of Science and Technology, La

Excellent

# Mar 96 - Nov 96

Name and type of organisation

Level in national or international

	1							
Principal subjects/occupational skills covered	Biology							
Name and type of organisation providing education and training	Faculty of Science and Technology, La Trobe University, Australia							
Level in national or international classification	Very Good							
Personal skills and competences								
Mother tongue(s)	English, Greek							
Other language(s)								
Self-assessment	Understanding			Spea	king	Writing		
European level (*)	Listening	Reading	S	poken interaction	Spoken production			
Language	E C2	C2		C2	C2	C2		
Language	G C2	C2		C2	C2	C2		
	(*) <u>Common European</u>	Framework of Refere	<u>nce fo</u>	or Languages				
Social skills and competences	<ul> <li>Cooperative spirit, team-work player.</li> <li>High adjustability in a multicultural environment, due to my education abroad.</li> <li>Communication skills, due to my teaching positions.</li> </ul>							
Organisational skills and competences	<ul> <li>Leading spirit (head of laboratories)</li> <li>Good perception of organization</li> <li>Project management experience</li> </ul>							
Technical skills and competences	- Biochemistry, Molecular Biology, Tissue and Cell culture techniques, due to extensive laboratory experience.							
Computer skills and competences	<ul> <li>Very good knowledge of Office program software (Excel, Word, PowerPoint), basic knowledge of graphical design applications (Adobe Illustrator, PhotoShop) and software relating to filing, research and statistical processing of data, such as EndNote, ProCite, MS Excel, SPSS/PC+, SPSS for Windows, Minitab, STATISTICA for Windows.</li> </ul>							
Artistic skills and competences	<ul> <li>Very articulate speaker.</li> <li>Write scientific papers.</li> <li>Enjoy art very much.</li> </ul>							
Other skills and competences	- Basketball (participation in local championships)							
	Awards 2004 University of Athens, Greece Awarded PhD candidature in the Department of Biochemistry and Molecular Biology							
	2000 Imperial College of London Awarded PhD studentship in the School of Biomedical Sciences							
	1997 University of Newcastle upon Tyne, U.K. Awarded PhD studentship in the School of Clinical and Laboratory Sciences							
	1996 La Trobe University, Australia Ranked for Candidature and Postgraduate Scholarship by the Department of Biochemistry							
	1995 Offered B.Sc. Honours in Microbiology and Biochemistry							
Driving licence	Category B							

# Additional information PUBLICATIONS

## **Theses**

A.G. Vassiliou (2005). Purification and Identification of Endogenous Inhibitors of L-Dopa Decarboxylase from Human Placenta and Serum. PhD Thesis, University of Athens, Greece.

A.G. Vassiliou (1999). Human Trefoil Proteins. MPhil thesis, Newcastle University, U.K.

Vassiliou, A. (1996). Purification and characterisation of napin-like protein small and large chains and other basic antifungal proteins from pumpkin (*Cucurbita maxima*) seeds. Honours thesis, La Trobe University, Australia.

## Published Articles

Vassiliou, AG, Mastora, Z, Orfanos, SE, Jahaj, E, Maniatis, NA, Koutsoukou, A., Armaganidis, A. & Kotanidou, A. Elevated biomarkers of endothelial dysfunction/activation at ICU admission are associated with sepsis development. Under Review.

Vassiliou, AG, Kotanidou, A, Mastora, Z, Maniatis, NA, Albani, P, Jahaj, E, Koutsoukou, A., Armaganidis, A & Orfanos, SE. Elevated soluble EPCR levels at ICU admission are associated with sepsis development. Under Revision.

Vassiliou AG, Maniatis NA, Orfanos SE, Mastora Z, Jahaj E, Paparountas T, Armaganidis A, Roussos C, Aidinis V & Kotanidou A. Induced expression and functional effects of Aquaporin-1 in human leukocytes in sepsis. Crit Care. 2013 Sep 12;17(5):R199. [Epub ahead of print].

Vassiliou AG, Maniatis NA, Kotanidou A, Kallergi M, Karystinaki FS, Letsiou E, Glynos C, Kopterides P, Vassiliadi D, Nikitas N, Dimopoulou I, Armaganidis A & Orfanos SE. Endothelial protein C receptor polymorphisms and risk of severe sepsis in critically ill patients. Intensive Care Med. 2013 Oct;39(10):1752-9.

Kardara, M., Hatziantoniou, S., Sfika, A., Vassiliou, A.G., Mourelatou, E., Magkou, C., Armaganidis, A., Roussos, C., Orfanos, S.E., Kotanidou, A. & Maniatis, N.A. Caveolar uptake and endothelial-protective effects of nanostructured lipid carriers in acid aspiration murine acute lung injury. Pharm. Res. 2013 Jul;30(7):1836-47.

Maniatis, N.A., Sfika, A., Nikitopoulou, I., Vassiliou, A.G., Magkou, C., Armaganidis, A., Roussos, C., Kollias, G., Orfanos, S.E., & Kotanidou, A. Acute lung injury in mice associates with p44/42 and c-Jun N-terminal kinase activation and requires the function of Tumor Necrosis Factor-α Receptor I. Shock. 2012 Oct;38(4):381-6.

Vassiliou, A.G., Manikas, G., Efthimiopoulos, S. and Vassilacopoulou, D. Common molecular mechanisms of neurodegenerative diseases. In preparation.

Vassiliou, A.G., Vassilacopoulou, D and Fragoulis, E.G. Identity of the Placental L-Dopa Decarboxylase Activity Inhibitor (2008). Neurochemical Research. 2008 Nov 13. [Epub ahead of print].

Vassiliou, A.G., Vassilacopoulou, D. and Fragoulis, E.G. (2005). Purification of an Endogenous Inhibitor of L-Dopa Decarboxylase Activity from Human Serum. Neurochemical Research 50 (5), 641-649.

Vassilacopoulou, D., Sideris, D.C., Vassiliou, A.G. and Fragoulis, E.G. (2004). Identification and characterization of a novel form of the human L-Dopa decarboxylase mRNA. Neurochemical Research 29 (10): 1817-1823.

Vassiliou, A.G., Neumann, G.M., Condron, R. and Polya, G.M. (1998). Purification and characterisation of basic antifungal napin-like proteins from seeds of pumpkin (*Cucurbita maxima*). Plant Science 134 (2) 141-162.

## Laboratory Exercise Handouts

Vassiliou Aliki, Galanis Alexios, Sandaltzopoulos Raphael (2006). Isolation of the green fluorescent protein using hydrophobic interaction chromatography (HIC). Laboratory exercise 1, Molecular Biology I, School of Molecular Biology and Genetics, Dimokriteio University of Thrace.

Vassiliou Aliki, Galanis Alexios, Sandaltzopoulos Raphael (2006). Protein electrophoresis and electrophoretic transfer of proteins (Western blot). Laboratory exercise 2, Molecular Biology I, School of Molecular Biology and Genetics, Dimokriteio University of Thrace.

# Oral Presentations at Conferences

Alice Vassiliou, Maniatis, N.A., Kotanidou, A, Roussos, C., Orfanos, S.E. *et al.* (2011). A haplotype of the EPCR gene is associated with reduced risk of acute lung injury in critically ill patients. European Respiratory Journal, Abstracts of the 21<sup>st</sup> Annual Congress, page 286s, Amsterdam, 24-28 September.

Alice Vassiliou, Dido Vassilacopoulou & Emmanuel G. Fragoulis (2004). Endogenous Inhibitors of L-Dopa Decarboxylase Activity from Human Tissues. 56th Meeting of the Hellenic Society of Biochem. & Mol. Biol., Larissa, Greece, 25-27 November.

## Published Conference Abstracts

Alice G. Vassiliou, Stylianos E. Orfanos, Zafeiria Mastora, Edison Jahaj, Nikolaos A. Maniatis, Antonia Koutsoukou, Apostolos Armaganidis, Anastasia Kotanidou. Biomarkers of endothelial dysfunction/activation at ICU admission as predictors of sepsis development. Accepted as a Poster at the ATS 2014 International Conference in San Diego.

Vassiliou AG, Kotanidou A, Maniatis NA, Kallergi M, Karystinaki FS, Letsiou E, Glynos C, Kourti, E, Kopterides P, Vassiliadi D, Nikitas N, Dimopoulou I, Armaganidis A & Orfanos SE. Endothelial protein C receptor polymorphisms and risk of severe sepsis/septic shock in critically ill patients. Accepted for presentation at the 26th Annual Congress of the European Society of Intensive Care Medicine, Paris 5-9 October 2013.

S. Tsakiris, S.E. Orfanos, S. Spyridonidou, A.G. Vassiliou, E. Jahaj, E. Manolakopoulos, A. Kotanidou. Polymorphism of the Ghrelin gene (rs26802) lowers the risk of severe sepsis in critically ill patients. Accepted for presentation at the 26th Annual Congress of the European Society of Intensive Care Medicine, Paris 5-9 October 2013.

A. Vassiliou, A. Kotanidou, N. Maniatis, Z. Mastora, P. Albani, I. Dimopoulou, A. Armaganidis, C. Roussos, S. (2012). Elevated plasma EPCR levels early post ICU admission predict sepsis development. European Respiratory Journal, Abstracts of the 22nd Annual Congress, Vienna 1-5, Vol. 40(56): 348s, P1987.

A.G. Vassiliou, N.A. Maniatis, S.E. Orfanos, Z. Mastora, E. Jahaj, A. Armaganidis, C. Roussos, V. Aidinis, A. Kotanidou (2012). Detection of Aquaporin-1 in neutrophils and its role in the innate immune response of sepsis. American Thoracic Society International Conference, 18-23 May, San Francisco California, Vol 185: A6816.

N Maniatis, A Sfika, I Nikitopoulou, A Vassiliou, C Magkou, M Kardara, A Armaganidis, C Roussos, G Kollias, S Orfanos, A Kotanidou. Acute lung injury in mice associates with p44/42 and c-Jun N-terminal kinase activation and requires the function of Tumor Necrosis Factor-α Receptor I. 32nd International Symposium on intensive care and emergency medicine. March 20-23 2012, Brussels, Belgium. (Poster)

Gkogkosi P., Vassiliou A., Fragoulis E.G. and Vassilakopoulou D. (2008). L-Dopa decarboxylase interaction with phosphatidyl inositol-3 kinase and human neuroligin 3, FEBS Journal 275 (suppl. 1) 99-437 p.30

Ioanna Chalatsa, Alice-Georgia Vassiliou, Emmanuel G. Fragoulis and Dido Vassilacopoulou (2007). Annexin V interaction with human L-Dopa decarboxylase. Proc. 59th meeting of the Hellenic Society of Biochem. & Mol. Biol., Athens, 7-9 December 2007.

Panayiota Gkogkosi, Alice Vassiliou and Dido Vassilacopoulou (2007). L-Dopa decarboxylase (Ddc) interaction with amyloid precursor protein (APP) and αβ peptide. Hellenic Society of Neurosciences, 21st Conference, "Brain: from cells to behaviour", Thessaloniki, 30th November – 1st December 2007

Eleftheria Nikolouzou, Alice Vassiliou, Emmanuel G. Fragoulis and Dido Vassilacopoulou (2006). Expression of L-Dopa Decarboxylase in cell lines of neuronal and non-neuronal origin. Proc. 58th meeting of the Hellenic Society of Biochem. & Mol. Biol., Patras, 9-11 November.

George Manikas, Alice Vassiliou & Dido Vassilacopoulou (2006). Study of the effect of L-dopa decarboxylase activity regulation in α-synuclein metabolism. Proc. Of the 5th Hellenic Conference of Free Radices and Oxidative Stress, p 82, Kardamili, Greece, 28 September - 1 October.

Eleftheria Nikolouzou, Alex Hatzimanolis, Alice Vassiliou, Emmanuel G. Fragoulis and Dido Vassilacopoulou (2005). Identification of a neuronal mRNA splice variant of L-Dopa decarboxylase in human leukocytes. Proc. 57th meeting of the Hellenic Society of Biochem. & Mol. Biol., Vol. 52, p 149, Athens, Greece, December 9-11.

Alice Vassiliou, Dido Vassilacopoulou & Emmanuel G. Fragoulis (2004). Endogenous Inhibitors of L-Dopa Decarboxylase Activity from Human Tissues. Proc. 56th meeting of the Hellenic Society of Biochem. & Mol. Biol., Vol. 51, p 134, Larissa, Greece, November 25-27.

Page 6/7 - Curriculum vitae of F Vassiliou, Aliki-Georgia @

For more information on Europass go to http://europass.cedefop.europa.eu © European Communities, 2003 20060628

# Additional information

Alice Vassileiou, Dido Vassilacopoulou & Emmanuel G. Fragoulis (2004). Identification, Purification and Biochemical Characterization of an Endogenous Inhibitor of L-Dopa Decarboxylase in Human Serum. FENS Abstracts, Vol. 2, A011.21. Poster 149, 2004, Lisbon, July 10-14.

E. Rampakakis, D. Vassilacopoulou, A. Vassiliou and E. Fragoulis (2003). Identification of neuronal type L-Dopa decarboxylase mRNA in human whole blood. Proc. 55th meeting of the Hellenic Society of Biochem. & Mol. Biol., Vol. 50, pp 588-592, Athens, Greece, November 13-15.

G.M. Polya, A.G. Vassiliou, G.M. Neumann, R. Condron (1998). Mass Spectrometry-Based Sequencing and Biological Activities of Napin-Like and Other Antifungal Proteins from Pumpkin Seeds. Abstracts of 23rd Annual Lorne Conference on Protein Structure and Function, 8-12 February 1998, B5

G.M. Polya, A.G. Vassiliou, G.M. Neumann, R. Condron (1997). Purification and Edman- and Mass Spectrometry-Based Sequencing of Napin-Like and Other Antifungal Proteins from Pumpkin Seeds. Proc. Joint ASBMB/ASPP Annual Conference, Melbourne, September/ October 1997.

G.M. Neumann, R. Condron. A.G. Vassiliou and G.M. Polya (1997). Edman- and electrospray ionization mass spectrometry-based sequencing of napin-like antifungal proteins that interact with signal transduction proteins. Abstracts of 22nd Annual Lorne Conference on Protein Structure and Function, January 1997, C4.

G.M. Polya, G.M. Neumann, R. Condron, A.G. Vassiliou, S. Christov, R. Chung, Z.X. Lu and M. Hasmeda (1997). Structure and function correlations for interaction of antifungal proteins with protein kinases and calmodulin. Abstracts of 22nd Annual Lorne Conference on Protein Structure and Function, January 1997, A9.

G.M. Neumann, R. Condron, A.G. Vassiliou, G.M. Polya (1996). Purification and Edman- and electrospray ionisation mass spectrometry-based sequencing of anti-fungal napin-like proteins phosphorylated by calcium-dependent protein kinase. Proc. Joint Aust. Soc. Biochem. Mol. Biol. (ASBMB) & Aust. Soc. Plant Physiolog. (ASPP) Annual Conference, Canberra, September/ October 1996, POS-216-03, v28.

G.M. Polya, G.M. Neumann, R. Condron, A.G. Vassiliou, S. Christov, R. Chung Z.X. Lu, and M. Hasmeda, (1996). Structure and function of plant defensive proteins and interactions with calmodulin and calcium-dependent protein kinase. Proc. Joint ASBMB/ASPP Annual Conference, Canberra, September/ October 1996, POS-134-02, v28.

## Member of:

European Society of Intensive Care Medicine (ESICM), Hellenic Society for Biochemistry and Molecular Biology (EEBMB), Hellenic Society for Neurosciences (HSN), Hellenic Endocrine Society, Federation of European Neurosciences (FENS), Federation of the Societies of Biochemistry and Molecular Biology (FEBS), International Brain Research Organization (IBRO), European Respiratory Society (ERS), European Society of Intensive Care Medicine (ESICM).

## REFERENCES

Provided upon request