

## CURRICULUM VITAE

**Date of Revision:** 09/22/2018

**Name:** Dimitra Vageli, Ph.D.

**Job title/Affiliation:** Associate Research Scientist in Surgery (Otolaryngology)  
Yale University, School of Medicine

### Education:

B.Sc. University of Patras, School of Natural Sciences, Patras, Greece (Biology Science) 1989

Ph.D. University of Crete, School of Health Sciences, Faculty of Medicine, Heraklion, Greece  
(Molecular Oncology) 1998

### Career/Academic Appointments:

1990 Postgraduate Research Scholar, Institute of Radiation and Radio-predict Products (I.R.R.P), National Centre of Science Research "Demokritos", Greece

1991 Intern, Clinical Microbiology & Biochemistry, Army Hospital-NIMTS", Athens, Greece

2002-2016 Special Teaching & Laboratory Staff in Molecular Histopathology & Molecular Oncology, Department of Pathology, University of Thessaly, Greece

2004-2005 Teaching Assistant at Lecturer Level, School of Health Professions, Higher Technological Education Institution (T.E.I), Larissa, Greece

2005-2006 Scientific Associate at Lecturer Level, Department of Pathology, Medical School, University of Thessaly, Greece

2007 Teaching Assistant at Lecturer Level, School of Health Professions, Higher Technological Education Institution (T.E.I), Larissa, Greece

2007-2010 Scientific Associate at Lecturer Level, School of Health Professions, Higher Technological Education Institution (T.E.I), Larissa, Greece

2010-2013 Teaching Assistant at Lecturer Level, School of Health Professions, Higher Technological Education Institution (T.E.I), Larissa, Greece

2013-present Associate Research Scientist, Dept. of Surgery (Otolaryngology), Yale University School of Medicine, New Haven, CT

### Professional Honors & Recognition

2014-2015 Ohse Research Award: Effect of laryngopharyngeal reflux induced NF- $\kappa$ B activation in pre-malignant transformation of *in vivo* hypopharyngeal mucosa, Yale School of Medicine, Department of Surgery

2013-2014 Ohse Research Award: Laryngopharyngeal reflux induced NF- $\kappa$ B activation and its role in Laryngopharyngeal carcinogenesis, Yale School of Medicine, Department of Surgery

2013 1<sup>st</sup> Honor for best scientific work Presentation-Hellenic thoracic society: Mismatch DNA repair expression profiles correlated with miR-422a, miR-21 and miR-155 levels in non-small cell lung carcinomas; Athens, Greece.

1990 Postgraduate Research Scholarship, Institute of Radiation and Radio-predict Products (I.R.R.P), National Centre of Science Research "Demokritos", Athens, Greece

2018 Who's Who Top Scientists

**Invited Speaking Engagements, Presentations, Peer-Reviewed Congresses  
International/National-Given at Meetings**

- 2018: 23rd World Congress on Advances in Oncology and 22nd International Symposium on Molecular Medicine; 2018 September 22; Athens, Greece. "In vivo topical application of BAY 11-7082 prevents the acidic bile-induced mRNA and miRNA oncogenic phenotypes, in exposed murine hypopharyngeal mucosa".
- 2018: 23rd World Congress on Advances in Oncology and 22nd International Symposium on Molecular Medicine; 2018 September 22; Athens, Greece. Capability of curcumin in preventing the bile reflux-induced NF- $\kappa$ B-related mRNA oncogenic phenotype in human hypopharyngeal cells.
- 2016: 21st World Congress on Advances in Oncology and 19th International Symposium on Molecular Medicine; 2016 October 07; Athens, Greece. "In vitro and in vivo models for gastro-duodenal fluid induced nuclear kappaB activation and its role in laryngopharyngeal carcinogenesis".
- 2016: 21st World Congress on Advances in Oncology and 19th International Symposium on Molecular Medicine; 2016 October 08; Athens, Greece. Spandidos. "Tumor necrosis factor-alpha blockers-induced transcriptional reduction of pro-inflammatory interleukin-33, Toll-like receptors 2 and 9 in psoriatic plaques".
- 2013: ERS Annual Congress 2013, Barcelona. 7-11 September 2013. Session 441: Biology and molecular pathology of lung cancer. (4639) "Correlation of miR-422a, miR-21 and miR-155 analysis with hMSH2 and hMLH1 mRNA expression profiles in non-small cell lung carcinomas and their adjacent normal tissues".
- 2013: 22nd Panhellenic Respiratory Congress 2013. 5-8 October, International Congress Centre of Megaro Mousikis Athenon, Athens, Greece. (EA022). "Determination of correlation between miR-422a, miR-21, miR-155 and Mismatch DNA repair genes in NSCLCs".
- 2012: 21st Panhellenic Urologic Congress 2012, 11-14 October, Hilton Hotel, Athens, Greece. (AA-037) "Mismatch repair hMSH2, hMLH1, hMSH6 and hPMS2 mRNA expression in urothelial carcinomas".
- 2009: The 14th World Congress on Advances in Oncology 12th International Symposium on Molecular Medicine, October, 2009, Loutraki, Athens, Greece. "Phenotypic Mismatch DNA repair hMSH2 and hMLH1 gene expression profile: a potential diagnostic histological staging & prognostic survival marker in lung carcinomas" International Journal of Molecular Medicine 24: S74-S74 380 Suppl. 1 2009
- 2009: The 14th World Congress on Advances in Oncology 12th International Symposium on Molecular Medicine, October, 2009, Loutraki, Athens, Greece. "MSH2 & MLH1 phenotypic profiles of two rare cases of synchronous histomorphologically distinct gastric adenocarcinomas with gastrointestinal stromal tumors of the proximal small bowel: Informative, "all purpose", practical tumor markers" International Journal of Molecular Medicine 24: S75-S75 381 Suppl. 1 2009
- 2008: The 13th World Congress on Advances in Oncology 11th International Symposium on Molecular Medicine, 9-11 October, 2008, Hersonissos, Crete, Greece. (437) "Determination of hypoxia effects to hMSH2 and hMLH1, DNA repair gene expression in non-small cell lung carcinomas".
- 2008: The 13th World Congress on Advances in Oncology 11th International Symposium on Molecular Medicine, 9-11 October, 2008, Hersonissos, Crete, Greece. (411) "Human Papilloma Virus Vaccine In Childhood: The possible role of HPV geographic variations on the effectiveness of the vaccination program".

- 2008: 1st International Lung Cancer Conference, Journal of Thoracic Oncology, Vol 3(7): Suppl 3, July 2008. (PP14). "DIRAS3 is hypermethylated in NSCLC"
- 2008: 17th Panhellenic Congress of Thoracic Deceases, 20-23th November 2008, Alexandroupolis, Thrace Palace Hotel. (AA 187) "mRNA phenotypic expression of hMSH2 & hMLH1 DNA repair genes in NSCLCs."
- 2007: The 12th World Congress on Advances in Oncology 10th International Symposium on Molecular Medicine, 11-13 October, 2007, Hersonissos, Crete, Greece. (213) "Human Papilloma Virus (HPV) And Ras/Raf Pathway".
- 2007: The 12th World Congress on Advances in Oncology 10th International Symposium on Molecular Medicine, 11-13 October, 2007, Hersonissos, Crete, Greece. (378) "hMSH2 and hMLH1 DNA repair genes detection of mRNA transcripts in NSCLCs".
- 2006: The 11th World Congress on Advances in Oncology 9th International Symposium on Molecular Medicine, 12-14 October, 2006, Hersonissos, Crete, Greece. (307) "hTERT transcriptional activation is enhanced in HER2/neu overexpressing breast carcinomas".
- 2006: The 11th World Congress on Advances in Oncology 9th International Symposium on Molecular Medicine, 12-14 October, 2006, Hersonissos, Crete, Greece. (329) "Human Papolloma Virus (HPV) infection of Salivary Glands Tumors".
- 2006: 21o Medical Congress 30th March-1st April 2006, Thessaloniki, Hotel HYATT REGENCY. "Detection of HER2/neu amplification in breast carcinomas with immunopositivity 2+/1+. Correlation with mRNA expression".
- 2005: The 10th World Congress on Advances in Oncology 8th International Symposium on Molecular Medicine, 14-16 October, 2005, Hersonissos, Crete, Greece. (348) "Quantification of HER-2/neu transcripts with Real Time PCR in Breast carcinomas without gene amplification detectable with in situ hybridization".
- 2005: The 10th World Congress on Advances in Oncology 8th International Symposium on Molecular Medicine, 14-16 October, 2005, Hersonissos, Crete, Greece. (349) "Genetic alterations of the MEN1 locus in pulmonary lung carcinoid tumors. A possible diagnostic approach using Real Time PCR with melting curve analysis in histopathologic material".
- 2005: European Respiratory Society Annual Congress 2005, September 17-21, Copenhagen-Denmark. (666) "Local clustering of lung carcinoid tumors (LTCs) in a small area of central Greece: genetic abnormalities involving multiple endocrine neoplasia 1 (MEN1) gene on chromosome 11q".
- 2004: Panhellenic Congress of Pathology, June 2004, Kavala, Greece. "Comparative study of detection methods of HER2/neu amplification of breast carcinomas".
- 2004: Panhellenic Congress of Pathology, June 2004, Kavala, Greece. "Papillary carcinoma of Cervical Squamous Epithelial. Detection of HPV, p63 and Ki67".
- 2004: Panhellenic Congress of Pathology, June 2004, Kavala, Greece. "Initiative Diffuse non-Hodgkin breast lymphoma from Large B-Cells".
- 2004: Panhellenic Congress of Pathology, June 2004, Kavala, Greece. "Detection of HPV with in situ Hybridization in Cervical material".
- 2004: 24th Panhellenic Congress of Surgery, 2004, 2-5 October, Thessaloniki-Greece. "Comparative study of detection methods of HER2/neu amplification of breast carcinomas".
- 2004: 24th Panhellenic Congress of Surgery, 2004, 2-5 October, Thessaloniki-Greece. "Molecular Study of initiative non-Hodgkin Breast Lymphoma".

**Journal Service:**

Reviewer

2015-present, Reviewer for *Scientific Reports*, *Oncotarget*, *International Journal of Oncology*; *Oncology Letters*; *Experimental and Therapeutic Medicine* journals

2016-at present, Reviewer for *Oncotarget* journal

**Meeting Planning/Participation**

- 2016 Chair, 21st World Congress on Advances in Oncology and 19th International Symposium on Molecular Medicine; 2016 October 07; Athens, Greece.
- 2018 Chair, 23rd World Congress on Advances in Oncology and 22nd International Symposium on Molecular Medicine; 2018 September 22; Athens, Greece.

**Bibliography: (list from earliest to most recent and number consecutively)**

**Peer-Reviewed Original Research**

1. Kotsinas, A., **Vageli, D.**, Varakliotou, A., et al. Title: *Int J Oncol* 1994, 5(6):1249-1253. PMID: 21559705.
2. **Vageli, D.**, Kiaris, H., Delakas, D., et al. Title: *Cancer Lett* 1996, 107(2):241-247. PMID: 8947520
3. **Vageli, D.**, Daniil, Z., Dahabreh, J., et al. Title: *Oncol Rep* 2006, 15(3):557-564. PMID: 16465412
4. Kostopoulou, E., **Vageli, D.**, Kaisaridou, D., et al. Title: *Breast* 2007, 16(6):615-624. PMID: 17606374
5. **Vageli, D.**, Sourvinos, G., Ioannou, M., et al. Title: *Int J Biol Markers* 2007, 22( 4):239-244. PMID: 18161653
6. Mamas, I.N., **Vageli, D.**, Spandidos, D.A. Title: *Oncol Rep* 2008, 20(1):141-145. PMID: 18575729
7. **Vageli, D.**, Ioannou, M.G., Koukoulis, G.K. Title: *Oncol Res* 2009, 17(9):413-423. PMID: 19718948
8. **Vageli, D.**, Daniil, Z., Dahabreh, J., et al. Title: *Lung Cancer* 2009, 64(3):282-288. PMID: 19056144
9. Ioannou, M., Papamichali, R., Mylonis, G., **Vageli, D.**, et al. Title: *Lung* 2009, 187(5):321-329. PMID: 19707816
10. **Vageli, D.P.**, Giannopoulos, S., Doukas, et al. Title: *Oncol Lett* 2013, 5(1):283-294. MID: 23255936
11. **Vageli, D.P.**, Zaravinos, A., Daniil, Z., Title: *Int J Biol Markers* 2013, 27(4):e400-4. PMID: 22865300
12. **Vageli, D.P.**, Doukas, S.G., and Markou, A. Title: *Pediatr Blood Cancer* 2013, 60(10):E116-7. PMID: 23677888
13. **Vageli, D.P.**, Doukas, S.G. and Markou, A. Title: *J Genet Syndr Gene Ther* 2013, 4:6; Special Issue Title: Cancer Genetics [<http://dx.doi.org/10.4172/2157-7412.1000157>].
14. **Vageli, D.P.**, Papamichali, R., Kambosioras, K., et al. Title: *J Genet Syndr Gene Ther* 2013, 4:10 [<http://dx.doi.org/10.4172/2157-7412.1000191>]
15. **Vageli, D.P.**, Exarchou, A., Zafiriou, E., et al. Title: *Exp Ther Med* 2015, 10(4): 1573-1577. PMID: 26622528
16. Sasaki, C.T., Issaeva, N., **Vageli, D.P.** Title: *Head Neck* 2016, Apr;38 Suppl 1:E1381-91. PMID: 26559497
17. **Vageli, D.P.**, Prasad, M.L., Sasaki, C.T. Title: *Oncotarget* 2016, 7(5):5892-908. PMID: 26745676
18. Sasaki, C.T. and **Vageli, D.** *Neoplasia* 2016, 18(6):329-338. PMID: 27292022
19. Sasaki, C.T. Toman, J. and **Vageli, D.** *PLoS One* 2016, 11(12):e0168269. PMID: 27973541
20. **Vageli D.P.**, Doukas S.G., Sasaki, C.T: *Oncotarget* 2018, 9: 5876-5879.
21. Doukas SG, **Vageli DP**, Sasaki CT: *J Cell Mol Med* 2018, 22(5): 2922-34. PMID: 29516639

22. Sasaki CT, Doukas SG, **Vageli DP**: *Neoplasia* 2018, 20(4): 374-86. PMID: 29529473
23. **Vageli, D.P.**, Doukas, S.G, Spock, T. Sasaki, C.T. *J Cell Mol Med* 2018 (accepted; DOI:10.1111/jcmm.13701)
24. **Vageli, D.P.**, Doukas S.G., Sasaki, C.T. Acidic bile reflux as a risk factor in hypopharyngeal carcinogenesis and the role of NF-κB as a key mediator of early oncogenic events (Review article). *Head & Neck* (August 1, submitted article)

### **Chapters, Books, and Reviews**

#### **Peer-Reviewed Educational Materials**

1. Book1: Βαγγέλη, Δήμητρα. “Γενική ιστοπαθολογία” (Vageli D., Basic Histopathology), 1st ed. Athens, Greece: Beta Medical Publishers Ltd, ISBN: 978-960-452-069-5; 2009. 111p.  
<http://betamedarts.gr/>
2. Book2: Βαγγέλη, Δήμητρα. “Ειδική ιστοπαθολογία” (Vageli D., Specific Histopathology). 1st ed. Athens, Greece: Beta Medical Publishers Ltd., ISBN: 978-960-452-092-3; 2010. 324p.  
<http://betamedarts.gr/>