

## ***CURRICULUM VITAE***



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**Date and Place of Birth**

22 December 1960, Athens, Greece

**Family status**

Married, 2 children (15yrs, 18yrs)

**Elementary education**

Elementary and High School in Athens, Greece, Graduation June 1978.

**Citizenship Status**

Citizen of Greece

**Degrees**

<b>Year</b>	<b>Degree</b>	<b>Institution</b>
<b>1978-1983</b>	B.Sc.	Chemistry, Department of Chemistry, University of Athens, Greece
<b>1983 - 1988</b>	Ph.D.	Analytical Chemistry, Department of Chemistry, University of Athens, Greece

**Present Position**

Assoc. Professor of Clinical Analysis  
Department of Chemistry  
University of Athens

**Previous Positions**

<b>Dates</b>	<b>Position held</b>	<b>Institution</b>
<b>1983 - 1988</b>	Postgraduate Student	Department of Chemistry, University of Athens, Greece
<b>1988- 1989</b>	Postdoctoral Research Fellow	Department of Chemistry, University of Athens, Greece
<b>1989 -1990</b>	Postdoctoral Research Fellow	Department of Clinical Biochemistry, Toronto Hospital, University of Toronto, Canada. (Prof. E.P.Diamandis)
<b>1990 -1996</b>	Lecturer	Department of Chemistry, University of Athens, Greece
<b>1996-1997</b>	Postdoctoral Research Fellow	Department of Pathology and Clinical Biochemistry, Mount Sinai Hospital, University of Toronto, Canada. (Prof.E.P. Diamandis)
<b>1997-2004</b>	Assistant Professor	Department of Chemistry, University of Athens, Greece
<b>2004 - now</b>	Assoc. Professor	Department of Chemistry, University of Athens, Greece

**Society Memberships**

Since	Society / Association
1983	Greek Chemist's Association
1990	Greek Association of Clinical Chemistry - Clinical Biochemistry
1999	Hellenic Society of Biochemistry and Molecular Biology
2000	American Association of Cancer Research

### Attendance of advanced workshops and postgraduate courses

June 2005	Critical Issues in Tumor microcirculation, angiogenesis and metastasis	Harvard Medical School, Dept of Cont Education, Cambridge, MA, USA
June 2001	Eurobiochips. The microarray and microfluidics technology congress	Munich Germany
June 2001	Eurobiochips. Nucleic Acid and Protein sample preparation	Munich Germany
November 1999	Genome Sequence and comparative analysis	Advanced Workshop (European Commission, Biotechnology Program), Aristotle University of Thessalonica, Greece
1996-1997.	Molecular Biology Techniques	Postgraduate course, University of Toronto, Canada
April 1992	Advanced Euro HPLC Training Course and Workshop	University of Patras, Greece
1989-1990	Immunoassays	Postgraduate course, University of Toronto, Canada

### Experience in Education

#### 1. Undergraduate Courses, Department of Chemistry, University of Athens, Greece

1990-2001	Taught "Qualitative and Quantitative Analytical Chemistry" to 3 <sup>rd</sup> Semester Pharmacy students
2002-now	Taught "Principles of Quantitative Analytical Chemistry and Instrumental Analysis" to 2 <sup>nd</sup> Semester Biology students
<b>1996-now</b>	Taught "Clinical Chemistry", to 8 <sup>th</sup> Semester Chemistry Students
<b>2003-now</b>	Taught "Clinical Chemistry", to 3 <sup>rd</sup> Semester Pharmacy Students.

## 2. Postgraduate Course: “M.Sc. in Clinical Chemistry” Department of Chemistry, University of Athens, Greece

Coordinator since 2005 of the “M.Sc. in Clinical Chemistry” Post Graduate Program, offered by the Department of Chemistry, University of Athens, since 1994.

2000-now	Coordinator and Teacher of a graduate course entitled: “Molecular Biology – Molecular Diagnostics”
2000-now	Teacher of a graduate course entitled: “Instrumental methods of Analysis in Clinical Chemistry”
2000-now	Coordinator and Teacher of a graduate course entitled: “Clinical Chemistry”

## 3. Postgraduate Course: “M.Sc. in Clinical Biochemistry – Molecular Diagnostics” offered by the Departments of Biology, Chemistry, and Nursing of the University of Athens, Greece

- **Departmental Representative in the “M.Sc. in Clinical Biochemistry – Molecular Diagnostics” Post Graduate Program, offered by the Departments of Biology, Chemistry, and Nursing, University of Athens, which started in 2004.**

2004-now	Teacher of a graduate course entitled: “Molecular Diagnostics Techniques”
2004-now	Coordinator and Teacher of a graduate course entitled: “Biochemical and Biophysical Methods of Analysis”
2004-now	Coordinator and Teacher of a graduate course entitled: “Clinical Chemistry”

## Organization of Scientific meetings and Workshops

Date	Position	Description	Location
<b>INTERNATIONAL MEETINGS</b>			
30/11/10 – 5/12/10	IFCC, International faculty member of the C-MBC committee	IFCC Workshop in Basic Molecular Diagnostics	MonteVideo, Uruguay
17/4/2010	Chairperson and organizer	Methods Workshop: “Circulating Tumor Cells as novel Tumor Biomarkers”, American Association of Cancer Research (AACR), Annual Meeting, 2010	AACR 2010, Washington DC, USA
05/12/09 - 09/12/09	IFCC, International	C-MBC COURSE SYRIA 2009 (IFCC Workshop in Basic Molecular	Damaskus, Syria

	faculty member of the C-MBC committee	Diagnostics)	
Sept 16-19, 2009	President and Organizer	7 <sup>th</sup> International Symposium on Minimal Residual Cancer, ( <a href="http://ismrc2009.chem.uoa.gr">http://ismrc2009.chem.uoa.gr</a> )	Athens, Greece
Oct 2008	Member of the Scientific Committee	XVI meeting of Balkan Clinical Laboratory Federation & Hellenic Congress of Clinical Chemistry	Athens, Greece
Jan 2009	Elected Member of the Committee for Clinical Molecular Biology Curriculum of the International Federation of Clinical Chemistry (IFCC)	The Committee offers training in Molecular Diagnostics by the way of courses and hands on workshop in combination with lectures and methodological issues	IFCC
<b>Greek Meetings</b>			
October 2010	President of the Scientific Committee	9 <sup>th</sup> Greek Congress of Clinical Chemistry–Clinical Biochemistry	Athens, Greece
Sept 16-19, 2009	Organizer	7 <sup>th</sup> International symposium on Minimal Residual Cancer, <a href="http://www.ismrc2009.org">www.ismrc2009.org</a>	Athens, Greece
Oct 2008	Scientific Committee	XVI meeting of Balkan Clinical Laboratory Federation & Hellenic Congress of Clinical Chemistry	Athens, Greece
Oct 2008	Scientific Committee	8 <sup>th</sup> Greek Congress of Clinical Chemistry–Clinical Biochemistry	Athens, Greece
Nov 2006	Scientific Committee	7 <sup>th</sup> Greek Congress of Clinical Chemistry–Clinical Biochemistry	Athens, Greece
Nov 2006	Coordinator and Organizer	Workshop on: “Molecular Diagnostics of Cancer”, during the 6 <sup>th</sup> Greek Congress of Clinical Chemistry–Clinical Biochemistry	Athens, Greece
Nov 2004	Scientific Committee	6 <sup>th</sup> Greek Congress of Clinical Chemistry–Clinical Biochemistry	Athens, Greece
Nov 2002	Scientific Committee	5 <sup>th</sup> Greek Congress of Clinical Chemistry–Clinical Biochemistry	Athens, Greece
Nov 2000	Scientific Committee	4 <sup>th</sup> Greek Congress of Clinical Chemistry–Clinical Biochemistry	Athens, Greece

2000	Coordinator and Organizer	Workshop on: “ Basic Principles of Molecular Diagnostics Techniques” (Workshop of the Greek Society of Clinical Chemistry – Clinical Biochemistry)	Athens, Greece
Nov 1998	Scientific Committee	3 <sup>rd</sup> Greek Congress of Clinical Chemistry–Clinical Biochemistry	Athens, Greece

### **Editorial tasks**

**BMC Cancer, Assoc. Editor**

### **Journal Referee**

1. American Journal of Medical sciences
2. Anal. Chim. Acta
3. Analytical Letters
4. Biological Chemistry
5. BMC Cancer
6. Breast Cancer Research
7. Breast Cancer Research and treatment
8. British Journal of cancer
9. Cancer research
10. Cancer Immunology and immunotherapy
11. Clin. Chim. Acta
12. Clinical Biochemistry
13. Clinical Cancer Research
14. Clinical Chemistry
15. Clinical Chemistry and Laboratory Medicine
16. Clin Chem Lab Investigation
17. International Journal of cancer
18. Journal of Clin Oncology
19. Journal of Hematology
20. Journal of Hematology Oncology
21. Journal of Pathology
22. Journal of Urology
23. Lung cancer

### **The Research Laboratory of Dr. Evi S. Lianidou (Sep 2010)**

#### **Post Doctoral fellows**

- Athina Markou,
- Areti Strati

#### **PhD Canditates**

- Ioanna Balkouranidou, January 2008-

- Ioanna Sourvinou January 2008-
- Nikoletta Poumpouridou January 2008-

### Past Postdoctoral Fellows

- K. Angelopoulou January 1999- June 2001
- A. Stathopoulou June 2003- June 2006
- C. Kroupis June 2003 - June 2004

### Direction of 7 PhD Theses

### Direction of 16 MSc Theses

### Research Grants

Year (Duration)	Title	Funding agency
2010	<b>OncoSeed Diagnostics: Biology of Circulating Tumour Cells, Distal Metastasis &amp; Development of Liquid Biopsy Methods.</b>	General Secretariat of Research and Technology of Greece, Research program: Cooperation
2008- 2010 ongoing	Development and clinical evaluation of DNA methylation assays in paraffin-embedded breast carcinomas and in cell-free circulating DNA in plasma of patients with early stage breast cancer	Greek Ministry of Health, Research program : KESY
2006-2009	Molecular Diagnosis of micrometastatic disease in breast cancer by DNA microarrays	General Secretariat of Research and Technology of Greece, Research program: PENED 2003
2006-2007	Development and clinical evaluation of a real-time RT-PCR method for the quantitative determination of human telomerase reverse transcriptase (hTERT) splice variants	Special Research Account of the University of Athens, Research program: Kapodistrias,
2004-2006	Development and clinical applications of a quantitative real time PCR for carcinoembryonic antigen (CEA) in peripheral blood of patients with colorectal cancer.	Greek Ministry of Health , Research program: KESY,
2005-2006	Development of a quantitative method for the detection of mammaglobin A by using real-time RT-PCR and clinical applications in patients with breast cancer.	Special Research Account of the University of Athens, Research program: Kapodistrias,
2004-2005	Development and clinical	Special Research Account

	applications of a method for the quantitative detection of vascular endothelial growth factor (VEGF) mRNA with real-time RT-PCR.	of the University of Athens, Research program: Kapodistrias,
2002-2003	Development and clinical applications of a quantitative real time PCR for cytokeratin 19 (CK-19) in peripheral blood of patients with early breast cancer.	Special Research Account of the University of Athens, Research program: Kapodistrias,
2001-2002	Development and clinical applications of molecular diagnostic methods for mutational analysis of BRCA-1 and BRCA-2 genes in familial breast and ovarian cancer in Greece	Special Research Account of the University of Athens, Research program: Kapodistrias,
2000-2001	Development of a quantitative hybridization assay for the determination of telomerase	Special Research Account of the University of Athens, Research program: Kapodistrias,
1999-2001	«Development and clinical evaluation of highly sensitive molecular diagnostic methods for the early detection of micrometastasis in breast cancer»	General Secretariat of Research and Technology of Greece, Research program: PENED 1999
1999-2001	«Development and clinical evaluation of highly sensitive molecular diagnostic methods for the early detection of micrometastasis in breast cancer»	Special Research Account of the University of Athens, Research program: Kapodistrias,
1998-1999	“Development of a PCR based mutation analysis method for the tumor-suppressor p53”	Special Research Account of the University of Athens, Research program: Kapodistrias,
1998-2000	“Development of a PCR based time resolved fluorescence assay for the quantitative determination of PSA mRNA in peripheral blood”	General Secretariat of Research and Technology of Greece, Research Program: YPER 1997, in collaboration with Dr. P. Ioannou (coordinator) Univ of Athens and Dr T.K.Christopoulos, Univ of Patras and MEDILAB diagnostic company
1997-1999	«Lanthanide Luminescence complexes for fluoro-immunoassays»	British Council (in collaboration with Dr. P. Ioannou Univ of Athens and Dr Z. Pikramenou, Univ of Edinburg)
1996-1997	Development and clinical	Funding: Special Research

	applications of a highly sensitive enzyme amplified lanthanide luminescence immunoassay for cytokines	Account of the University of Athens
1993-1995	Development and clinical applications of a highly sensitive enzyme amplified lanthanide luminescence immunoassay for AFP	Funding: Special Research Account of the University of Athens

### Invited Lectures

1. “Development and applications of multiplex molecular methods for the molecular characterization of Circulating Tumor Cells (CTCs)” 8th International Symposium on Minimal Residual Cancer (ISMRC), Osaka, Japan, (September 21 to 23, 2011)
2. IFCC Workshop in Basic Molecular Diagnostics Nov 30th – Dec 5<sup>th</sup>, 2010, organized by IFCC and Association of Biochemistry of Uruguay
3. Development and validation of a multiplexed PCR-coupled liquid bead array for gene expression in Circulating Tumor Cells. Planet XMAP Europe, Vienna, October 2010.
4. Debate: Circulating Tumor Cells: A useful parameter? Cellular Biomarkers of Cancer: Circulating Tumor Cells. (Educational Course). 6<sup>th</sup> European Course on Clinical Cytometry, 21-22 Sept 2010, Valencia, Spain.
5. “Development and applications of multiplex molecular methods for the molecular characterization of Circulating Tumor Cells (CTCs)” May 2010, Department of Clinical Chemistry, Medical School, University of Heidelberg, Germany (hosted by Prof.M. Neumaier, MD, PhD, Professor of Clinical Chemistry).
6. “Development and applications of multiplex molecular methods for the molecular characterization of Circulating Tumor Cells (CTCs)” 23 Feb 2010, Department of Pathology, University of Miami, Miller School of Medicine, Miami, USA ((hosted by Prof. R. Cote, MD, PhD, Professor and Chair, Department of Pathology).
7. IFCC Workshop in Basic Molecular Diagnostics, organized by IFCC and Association of Biochemistry of Syria, Damaskus, Syria, 2 December 2009
8. “Methodology and Clinical significance of the Detection of Circulating Tumor cells in Peripheral Blood”, Dept of Pathology, University of Utah School of Medicine, USA, 23 April, 2009 (hosted by Prof. C. Wittwer, MD, PhD, ARUP Medical Director).
9. DNA methylation in Cancer». 15<sup>th</sup> Greek Congress of Clinical Oncology, Medical School, University of Crete, Heraklion, Crete, Nov 2007,
10. “Development and clinical evaluation of molecular diagnostic tests for the detection and enumeration of circulating tumor cells in peripheral blood of breast cancer patients”. 2<sup>nd</sup> BioScience Conference, University of Patras, Greece. April 2007

11. «Analytical Methodology and clinical significance of the detection of micrometastatic disease in breast cancer». 3<sup>rd</sup> Greek Anticancer Congress, Athens, Greece, April 2007.
12. «Detection of circulating tumour cells (CTCs) in peripheral blood». 6<sup>th</sup> Greek Congress of Clinical Chemistry, Athens 2006.
13. “The effect of tumor biological profile in breast cancer prognosis”. Postgraduate student’s session. 14th Greek Congress of Clinical Oncology, Medical School, University of Crete, Heraklion, Crete, Nov 2006
14. “New biomarkers for breast cancer: gene expression analysis by DNA microarrays” 14th Greek Congress of Clinical Oncology, Medical School, University of Crete, Heraklion, Crete, Nov 2006
15. “Metastasis and genes” Symposium on Molecular Diagnostics and Genetics, during the Congress: “Biosciences in the 21<sup>st</sup> Century”. Athens, April 2006.
16. “Metastasis and genes” 2<sup>nd</sup> Greek Anticancer Congress, Athens, Greece, March 2005.
17. “Micrometastasis”, 4<sup>th</sup> Symposium on New Molecules in Cancer Therapeutics, October 2005, Athens, Greece.
18. “DNA microarrays and breast cancer” 13<sup>th</sup> Greek Congress of Clinical Oncology, Medical School, University of Crete, Heraklion, Crete, Nov 2005.
19. “Analytical problems during assay development for the diagnosis of micrometastatic disease”. 12<sup>th</sup> Greek Congress of Clinical Oncology, Medical School, University of Crete, Heraklion, Crete, Nov 2004.
20. “Analysis of gene expression in breast cancer by DNA microarrays” 4<sup>th</sup> Seminar on “Breast cancer, from genes to therapy”, Thessaloniki, September 2004.

## **Patents**

**Development of a quantitative real-time RT-PCR assay for CK-19 mRNA expression: circulating tumor cells in peripheral blood (CTCs), (CE, IVD test)**

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GEORGOULIAS, Vasileios [GR/GR]; Magnisias 12,  
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(54) Title: COMPOSITION AND METHOD FOR DETERMINATION OF CK19 EXPRESSION

## List of Publications

- Notes for Students

1. P.A. Siskos, E.S. Lianidou, A. Varsou. «Clinical Chemistry Laboratory Exercises», University of Athens, Athens 1998 (in Greek, 177 pages).
2. E. S. Lianidou «Principles of Molecular Diagnosis Techniques», University of Athens, Athens, 2003 (in Greek, 108 pages).
3. P.A. Siskos, E.S. Lianidou. «Clinical Chemistry Laboratory Exercises», University of Athens, Athens 2004 (in Greek, 80 pages).

- Book Chapters

1. “Telomerase”, Evi Lianidou in: Tumor Markers – Physiology, Pathobiology, Technology, and Clinical applications. Editors: E.P.Diamandis, H.A. Fritsche, H. Lilja, D.W.Chn, M.K.Schwartz. AACR Press, Washington DC, USA, 2002

## Original Research Papers

1. What's new on circulating tumor cells? A meeting report. Lianidou ES\*, Mavroudis D, Sotiropoulou G, Agelaki S, Pantel K. Breast Cancer Res. 2010 Jul

- 23;12(4):307. [Epub ahead of print]PMID: 20727231 link: <http://www.ncbi.nlm.nih.gov/pubmed/20727231>
2. PIK3CA hotspot mutation scanning by a novel and highly sensitive high-resolution small amplicon melting analysis method. Vorkas PA, Poupouridou N, Agelaki S, Kroupis C, Georgoulas V, **Lianidou ES\***, J Mol Diagn. 2010 Sep;12(5):697-704. Epub 2010 Jul 8. PMID: 20616362 [PubMed - in process] link: <http://www.ncbi.nlm.nih.gov/pubmed/20616362>
  3. Quantitative analysis of heparanase gene expression in normal cervical, cervical intraepithelial neoplastic, and cervical carcinoma tissues. Varchalama E, Rodolakis A, Strati A, Papageorgiou T, Valavanis C, Vorgias G, **Lianidou E**, Antsaklis A. Int J Gynecol Cancer. 2009 Dec;19(9):1614-9. PMID: 19955948, link: <http://www.ncbi.nlm.nih.gov/pubmed/19955948>
  4. Hypoxia-inducible factor-1alpha and vascular endothelial growth factor expression in circulating tumor cells of breast cancer patients. Kallergi G, Markomanolaki H, Giannoukaraki V, Papadaki MA, Strati A, **Lianidou ES**, Georgoulas V, Mavroudis D, Agelaki S. Breast Cancer Res. 2009;11(6):R84. Epub 2009 Nov 17. PMID: 19919679 [PubMed - indexed for MEDLINE] Free PMC Article Free text, link: <http://www.ncbi.nlm.nih.gov/pubmed/19919679>
  5. Mutation scanning of exon 20 of the BRCA1 gene by high-resolution melting curve analysis. Vorkas PA, Christopoulos K, Kroupis C, **Lianidou ES\***, Clin Biochem. 2010 Jan;43(1-2):178-85. Epub 2009 Sep 9. PMID: 19747471 [PubMed - indexed for MEDLINE], link: <http://www.ncbi.nlm.nih.gov/pubmed/19747471>
  6. MicroRNAs in clinical oncology: at the crossroads between promises and problems. Metias SM, **Lianidou E**, Yousef GM. J Clin Pathol. 2009 Sep;62(9):771-6. Review. PMID: 19734473 [PubMed - indexed for MEDLINE], link: <http://www.ncbi.nlm.nih.gov/pubmed/19734473>
  7. Systemic hypertension augments, whereas insulin-dependent diabetes down-regulates, endothelin A receptor expression in the mammary artery in coronary artery disease patients. Zygalaiki E, Kaklamanis L, Lolaka M, Nikolaou N, Koutouzis M, **Lianidou ES**, Kyriakides ZS. Cardiol J. 2009;16(4):348-54. PMID: 19653178 [PubMed - indexed for MEDLINE] Free Article, link: <http://www.ncbi.nlm.nih.gov/pubmed/19653178>
  8. Differential expression profiling of microRNAs and their potential involvement in renal cell carcinoma pathogenesis. Chow TF, Youssef YM, **Lianidou E**, Romaschin AD, Honey RJ, Stewart R, Pace KT, Yousef GM. Clin Biochem. 2010 Jan;43(1-2):150-8. Epub 2009 Jul 29. PMID: 19646430 [PubMed - indexed for MEDLINE], link: <http://www.ncbi.nlm.nih.gov/pubmed/19646430>
  9. Emerging roles of microRNAs as molecular switches in the integrated circuit of the cancer cell. Sotiropoulou G, Pampalakis G, **Lianidou E**, Mourelatos Z. RNA.

2009 Aug;15(8):1443-61. Epub 2009 Jun 26. Review.PMID: 19561119  
[PubMed - indexed for MEDLINE]Free PMC ArticleFree text, link:  
<http://www.ncbi.nlm.nih.gov/pubmed/19561119>

10. Methylation of cystatin M promoter is associated with unfavorable prognosis in operable breast cancer.Kioulafa M, Balkouranidou I, Sotiropoulou G, Kaklamanis L, Mavroudis D, Georgoulas V, **Lianidou ES\***, Int J Cancer. 2009 Dec 15;125(12):2887-92.PMID: 19551853 [PubMed - indexed for MEDLINE], link: <http://www.ncbi.nlm.nih.gov/pubmed/19551853>
11. Effect of ellagic acid on the expression of human telomerase reverse transcriptase (hTERT) alpha+beta+ transcript in estrogen receptor-positive MCF-7 breast cancer cells.Strati A, Papoutsis Z, **Lianidou E**, Moutsatsou P. Clin Biochem. 2009 Sep;42(13-14):1358-62. Epub 2009 Jun 6.PMID: 19501078 [PubMed - indexed for MEDLINE], link: <http://www.ncbi.nlm.nih.gov/pubmed/19501078>
12. Prognostic significance of RASSF1A promoter methylation in operable breast cancer. Kioulafa M, Kaklamanis L, Mavroudis D, Georgoulas V, **Lianidou ES\***, Clin Biochem. 2009 Jul;42(10-11):970-5. Epub 2009 Apr 15.PMID: 19374895 [PubMed - indexed for MEDLINE]Related citations, link: <http://www.ncbi.nlm.nih.gov/pubmed/19374895>
13. Cytokeratin-19 mRNA-positive circulating tumor cells after adjuvant chemotherapy in patients with early breast cancer. Xenidis N, Ignatiadis M, Apostolaki S, Perraki M, Kalbakis K, Agelaki S, Stathopoulos EN, Chlouverakis G, **Lianidou E**, Kakolyris S, Georgoulas V, Mavroudis D.J Clin Oncol. 2009 May 1;27(13):2177-84. Epub 2009 Mar 30.PMID: 19332733 [PubMed - indexed for MEDLINE], link: <http://www.ncbi.nlm.nih.gov/pubmed/19332733>
14. Distinct neutrophil subpopulations phenotype by flow cytometry in myelodysplastic syndromes.Vikentiou M, Psarra K, Kapsimali V, Liapis K, Michael M, Tsionos K, **Lianidou E**, Papasteriades C.Leuk Lymphoma. 2009 Mar;50(3):401-9.PMID: 19294559 [PubMed - indexed for MEDLINE] , link: <http://www.ncbi.nlm.nih.gov/pubmed/19294559>
15. Kallikrein 10 (KLK10) methylation as a novel prognostic biomarker in early breast cancer.Kioulafa M, Kaklamanis L, Stathopoulos E, Mavroudis D, Georgoulas V, **Lianidou ES\***, Ann Oncol. 2009 Jun;20(6):1020-5. Epub 2009 Jan 15.PMID: 19150938 [PubMed - indexed for MEDLINE]Free Article, link: <http://www.ncbi.nlm.nih.gov/pubmed/19150938>
16. Prognostic value of mature microRNA-21 and microRNA-205 overexpression in non-small cell lung cancer by quantitative real-time RT-PCR. Markou A, Tsaroucha EG, Kaklamanis L, Fotinou M, Georgoulas V, **Lianidou ES\***, Clin Chem. 2008 Oct;54(10):1696-704. Epub 2008 Aug 21.PMID: 18719201 [PubMed - indexed for MEDLINE]Free Article, link: <http://www.ncbi.nlm.nih.gov/pubmed/18719201>

17. Prognostic value of the molecular detection of circulating tumor cells using a multimarker reverse transcription-PCR assay for cytokeratin 19, mammaglobin A, and HER2 in early breast cancer. Ignatiadis M, Kallergi G, Ntoulia M, Perraki M, Apostolaki S, Kafousi M, Chlouverakis G, Stathopoulos E, **Lianidou E**, Georgoulis V, Mavroudis D. Clin Cancer Res. 2008 May 1;14(9):2593-600.PMID: 18451221 [PubMed - indexed for MEDLINE]Free Article, link:<http://www.ncbi.nlm.nih.gov/pubmed/18451221>
18. Endothelin system and atrial fibrillation post-cardiac surgery. Kolettis TM, Kyriakides ZS, Zygalaki E, Kyrzopoulos S, Kaklamanis L, Nikolaou N, **Lianidou ES**, Kremastinos DT. J Interv Card Electrophysiol. 2008 Apr;21(3):203-8. Epub 2008 Feb 9.PMID: 18264746 [PubMed - indexed for MEDLINE], link: <http://www.ncbi.nlm.nih.gov/pubmed/18264746>
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### Awards in International Meetings

- 1) **AACR – ASTRAZENECA INTERNATIONAL SCHOLAR IN TRAINING AWARD: AACR SPECIAL CONFERENCE: TARGETING THE PI3-KINASE PATHWAY IN CANCER, November 11-14, Cambridge, Massachusetts, USA, 2008.** Panagiotis Vorkas, Vassilis Georgoulas, Evi Lianidou. Development of a highly sensitive method for the detection of somatic mutations of the *PIK3CA* gene, using High Resolution Melting Curve Analysis. Application in Formalin-Fixed Parafin Embedded Breast Tissues.
- 2) **AVON FOUNDATION INTERNATIONAL TRAVEL AWARD: AACR 2008: 99<sup>th</sup> Annual Meeting of American Association of Cancer Research (AACR), San Diego, USA, 2008,** Athina N. Markou, Areti D. Strati, Loukas Kaklamanis, Maria Kafoussi, Stathis Stathopoulos, Vassilis Georgoulas, Evi S. Lianidou. Evaluation of the prognostic significance of mature miR-10b expression in early breast cancer
- 3) **AVON FOUNDATION INTERNATIONAL TRAVEL AWARD: AACR 2008: 99<sup>th</sup> Annual Meeting of American Association of Cancer Research (AACR), San Diego, USA, 2008,** Areti D. Strati Athina N. Markoy, N. Malamos, Dimitris Mavroudis, Vassilis Georgoulas, Evi S. Lianidou TWIST1 expression in circulating tumor cells of early breast cancer patients.
- 4) **AVON FOUNDATION INTERNATIONAL TRAVEL AWARD: AACR 2008: 99<sup>th</sup> Annual Meeting of American Association of Cancer Research (AACR), San Diego, USA, 2008,** M. Kioulafa, L. Kaklamanis , E. Stathopoulos, V. Georgoulas and E. S. Lianidou. PROGNOSTIC SIGNIFICANCE OF RASSF1A, CST6 AND KLK10 METHYLATION STATUS IN EARLY BREAST CANCER.
- 5) **Excellent Poster Award: 18<sup>th</sup> International Congress of Clinical Chemistry and Laboratory Medicine, Kyoto, Japan, 2002.** Stathopoulou, A. Gkizi, E. Lianidou, D. Mavroudis, V. Georgoulas, S. Derdas, N. Malamos. Real time quantification of CK-19 positive cells in peripheral blood of breast cancer patients.
- 6) **Excellent Poster Award: 18<sup>th</sup> International Congress of Clinical Chemistry and Laboratory Medicine, Kyoto, Japan, 2002.** K. Angelopoulou, A. Spiropoulou, A. Stathopoulou, D. Dimitroulopoulos, K. Tmakidis, D. Xinopoulos, E. Paraskevas and E.S. Lianidou. Development of a

novel RT-PCR luminometric hybridization assay for human telomerase reverse transcriptase (hTERT) active transcript.

- 7) **Best Investigator's Award: 1<sup>st</sup> Congress of the World Society for Breast Health, Istanbul, 22-26 Sept. 2001.** Konstantopoulou I., A. Ladopoulou L. Ioannidou-Mouzaka, A.C. Schofield, C. Kroupis, A. Pantazidis, I. Tsiagas, S. Armaou, E. Lianidou, C. Tsionou, E. Efstathiou, G. Nasioulas, N.E. Haites, G. Fountzilas, N. Pandis and D. Yannoukakos. "BRCA1 and BRCA2 mutation analysis in Greek patients with family history of breast/ovarian cancer",
- 8) **First Poster Award: 5<sup>th</sup> International HSBCR Congress, Athens, 2001.** Ladopoulou A., I. Konstantopoulou, L. Ioannidou-Mouzaka, C. Kroupis, A. Pantazidis, S. Armaou, E. Lianidou, C. Tsionou, E. Efstathiou, N.E. Haites, G. Nasioulas, D. Skarlos, G. Fountzilas, N. Pandis and D. Yannoukakos. "Germ line BRCA1 and BRCA2 mutations in Greek patients with family history of breast/ovarian cancer".