

CURRICULUM VITAE



I. PERSONAL DATA

Last Name:..... Sourvinou
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Date of Birth: September 22, 1982

Languages : English

II. EDUCATION

September 2009 – until now : PhD student

Department of Chemistry, **National and Kapodistrian University of Athens**, Greece.

Thesis: “Study and clinical evaluation of microRNAs as novel tumor biomarkers in lung cancer”.

March 2009: Master of Science in “Clinical Biochemistry and Molecular Diagnostics”. Department of Biology, **National and Kapodistrian University of Athens**, Greece.

Grade point Average: 8,85 / 10,00.

April 2006: Diploma in Biology. Department of Biology, **National and Kapodistrian University of Athens**, Greece.

Grade point Average: 7,02 / 10,00.

III. SCHOLARSHIPS - AWARDS

1. September 2009: Scholarship from the Hellenic Society for Neurisciences for attendance in the 41st European Brain and Behaviour Society Meeting and 23rd Hellenic Society for Neuroscience Meeting, Rhodes, Greece.
2. October 2010: First Prize for Oral Presentation in the 9th Panhellenic Congress of Clinical Chemistry, Athens, Greece.
3. March 2011: First Prize for Oral Presentation in the 1st International Symposium on “Advances and Perspectives in Thoracic and Upper Aerodigestive Malignancies” of Hellenic Society of Medical Oncology, Athens, Greece.

IV. PROFESSIONAL EXPERIENCE

June - August 2006: **Molecular Immunopathology and Istocompatibility Laboratory, Onassis Cardiac Surgery Center, Athens, Greece.** Sponsored by the Special Account for Research Grants of Athens University. (Lab Head, Dr D. Degiannis)

March - May 2006: Pathology Laboratory, **Onassis Cardiac Surgery Center, Athens, Greece.** Sponsored by the Special Account for Research Grants of Athens University. (Lab Head, Dr L. Kaklamanis)

V. TECHNICAL- LABORATORIAL EXPERIENCE

- Immunohistochemistry
- Immunofluorescence
- Western Blot
- DNA and RNA extraction from whole blood
- RT-qPCR
- Flow cytometry (determination of lymphocytes subpopulations levels -CD3, -CD4, -CD8, -CD19, -NK).
- Enzymatic activity detection and quantification methods
- Biochemical analyses for carbohydrates determination
- High Performance Liquid Chromatography (HPLC)
- Microbial cultures
- Cell cultures

VI. SCIENTIFIC PROJECTS

Research projects

1. “Studies on L-Dopa Decarboxylase expression in mammalian cell lines”. Section of Biochemistry and Molecular Biology, Department of Biology, National and Kapodistrian University of Athens, Greece. **M.Sc. Thesis.** March 2009.
Grade Point Average : 10,00 / 10,00

2. "Kinetic studies on the biosynthesis of oxidoreductases by the fungus *Aspergillus niger* BTL". Laboratory of Microbiology, Sector of Botany, Department of Biology, National and Kapodistrian University of Athens, Greece. **Diploma Thesis**. April 2006.
Grade Point Average : 10,00 / 10,00

Scientific Publications

1. "Simultaneous production of glucose oxidase and catalase by the fungus *Aspergillus niger* BTL: Effect of nitrogen source and aeration conditions". **Ioanna S. Sourvinou**, Alexander Savvides and Dimitris G. Hatzinikolaou. (shortly be submitted)
2. "Study of the effect of aromatic L-amino acid decarboxylase activity regulation in α -synuclein metabolism". **Ioanna S. Sourvinou**, George R. Manikas, Dido Vassilacopoulou. (shortly be submitted)

Oral Presentations

1. "The role of aeration on the production of oxidoreductases by the fungus *Aspergillus niger* BTL". Ioanna S. Sourvinou, Alexander Savvides and Dimitris G. Hatzinikolaou. **28th Scientific Conference of Hellenic Society for Biological Sciences**, Ioannina, **Greece**, May 2006.
2. "MicroRNA-21 expression levels are accompanied by respective alterations in PDCD4 protein levels in non-small cell lung cancer". Ioanna S. Sourvinou, Athina Markou, Loukas Kaklamanis, Emily G. Tsaroucha, Iwata Ozaki, Sachiko Matsushashi and Evi S. Lianidou. **9th Panhellenic Congress of Clinical Chemistry**, Athens, **Greece**, October 2010.
3. "PTEN is not directly regulated by microRNA-21 in non-small cell lung cancer". Ioanna S. Sourvinou, Athina Markou, Loukas Kaklamanis, Emily G. Tsaroucha and Evi S. Lianidou. **1st International Symposium on "Advances and Perspectives in Thoracic and Upper Aerodigestive Malignancies"** of **Hellenic Society of Medical Oncology**, Athens, **Greece**, March 2011.

Conference Papers

1. "The role of aeration on the production of oxidoreductases by the fungus *Aspergillus niger* BTL". Ioanna S. Sourvinou, Alexander Savvides and Dimitris G. Hatzinikolaou. **28th Scientific Conference of Hellenic Society for Biological Sciences**, Ioannina, **Greece**, May 2006.
2. "Physiological effects of riboflavin and trace elements on the production of oxidoreductases by the fungus *Aspergillus niger* BTL". Margarita Kyriakoudi, Ioanna Sourvinou, Alexander Savvides, Amalia Karagouni and Dimitris G. Hatzinikolaou. **30th Scientific Conference of Hellenic Society for Biological Sciences**, Thessaloniki, **Greece**, May 2008.

3. "The alternative isoform of the human L-Dopa Decarboxylase (alt-Ddc) affects the expression of α -synuclein". Ioanna S. Sourvinou and Dido Vassilacopoulou. **41st European Brain and Behaviour Society Meeting** and **23rd Hellenic Society for Neuroscience Meeting**, Rhodes, **Greece**, September **2009**.
4. "MicroRNA-21 expression levels are accompanied by respective alterations in PDCD4 protein levels in non-small cell lung cancer". Ioanna S. Sourvinou, Athina Markou, Loukas Kaklamanis, Emily G. Tsaroucha, Iwata Ozaki, Sachiko Matsuhashi and Evi S. Lianidou.
 - a. **7th International Symposium of Minimal Residual Cancer**, Athens, **Greece**, September **2009**,
 - b. **60th Panhellenic Congress of Hellenic Society for Biochemistry and Molecular Biology**, Athens, **Greece**, November **2009**
 - c. **22nd EORTC-NCI-AACR symposium on "Molecular targets and Cancer Therapeutics"**. Berlin, **Germany**, November **2010**.
5. "PTEN is not directly regulated by microRNA-21 in non-small cell lung cancer". Ioanna S. Sourvinou, Athina Markou, Loukas Kaklamanis, Emily G. Tsaroucha and Evi S. Lianidou.
 - a. **AACR 102nd Annual Meeting**, Orlando, **Florida, USA**, April **2011**
 - b. **1st International Symposium on "Advances and Perspectives in Thoracic and Upper Aerodigestive Malignancies"** of Hellenic Society of Medical Oncology, Athens, **Greece**, March **2011**.

VII. PARTICIPATIONS IN CONFERENCES

1. 4th Greek Society of Tumor Marker Oncology and Targeting Therapy Conference, Athens, **Greece**, November **2002**.
2. 28th Scientific Conference of Hellenic Society for Biological Sciences, Ioannina, **Greece**, May **2006**.
3. 6th Panhellenic Congress of Clinical Chemistry, Athens, **Greece**, November **2006**.
4. 17th Panhellenic Hematologic Congress, Athens, **Greece**, November **2006**.
5. 6th Greek Society of Tumor Marker Oncology and Targeting Therapy Conference, Athens, **Greece**, November **2006**.
6. 18th Panhellenic Congree for AIDS, Athens, **Greece**, November **2006**.
7. 59th Panhellenic Congress of Hellenic Society for Biochemistry and Molecular Biology, Athens, **Greece**, December **2007**.
8. 30th Scientific Conference of Hellenic Society for Biological Sciences, Thessaloniki, **Greece**, May **2008**.

9. **33rd Federation of European Biochemical Societies Congress and 11th International Union of Biochemistry and Molecular Biology Conference**, Athens, **Greece**, June **2008**.
10. **31th Scientific Conference of Hellenic Society for Biological Sciences**, Patra, **Greece**, May **2009**.
11. **41st European Brain and Behaviour Society Meeting and 23rd Hellenic Society for Neuroscience Meeting**, Rhodes, **Greece**, September **2009**.
12. **7th International Symposium of Minimal Residual Cancer**, Athens, **Greece**, September **2009**.
13. **60th Panhellenic Congress of Hellenic Society for Biochemistry and Molecular Biology**, Athens, **Greece**, November **2009**.
14. **1st International Conference on Molecular Cancer Research**, Athens, **Greece**, November **2009**.
15. **32nd Scientific Conference of Hellenic Society for Biological Sciences**, Karpenissi, **Greece**, May **2010**.
16. **9th Panhellenic Congress of Clinical Chemistry**, Athens, **Greece**, October **2010**.
17. **22nd EORTC-NCI-AACR symposium on “Molecular targets and Cancer Therapeutics”**. Berlin, **Germany**, November **2010**.
18. **1st International Symposium on “Advances and Perspectives in Thoracic and Upper Aerodigestive Malignancies”** of Hellenic Society of Medical Oncology, Athens, **Greece**, March **2011**.
19. **36th Federation of European Biochemical Societies Congress**, Torino, **Italy**, June 2011.

VIII. MEMBERSHIPS

1. **American Association for Cancer Research**
2. **Panhellenic Society of Bioscientists**
3. **Hellenic Society for Biological Sciences**
4. **Hellenic Society for Neurosciences**
5. **Hellenic Society for Biochemistry and Molecular Biology**
6. **Greek Association of Clinical Chemistry - Clinical Biochemistry**