

CURRICULUM VITAE

IOANNA BALGKOURANIDOU

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PERSONAL INFORMATION:

Surname: Balgkouranidou

Name: Ioanna

Date of Birth: 26/09/1979

Place of Birth: Komotini, Greece

Elementary education: Elementary and High School in Athens, Greece,

Graduation: June 1997

Citizenship Status: Citizen of Greece

EDUCATION

3/2009-today: PhD student, Faculty of Sciences, Department of Chemistry, University of Athens, Greece. PhD thesis at the laboratory of Clinical Chemistry Supervisor: Dr E. Lianidou. PhD, Assoc Professor

Thesis title: "Study and clinical evaluation of new molecular epigenetic markers in lung cancer".

3/2009: Master of Science in "Clinical Biochemistry and Molecular Diagnostics". Department of Biology, National and Kapodistrian University of Athens, Greece.

9/2004: Diploma in Biology. Faculty of Mathematics, Physics and Natural Sciences, University of Perugia, Italy.
Grade point Average: 8,64 / 10,00.

LANGUAGES

Native Language: Greek

Other Language: English (Certificate of Advanced in English, University of Cambridge), German (Osd Grundstufe Deutsch), Italian.

RESEARCH TECHNIQUES

DNA and RNA extraction

Polymerase Chain Reaction (PCR)

Methylation Specific PCR

High Resolution Melting Analysis

Real-time PCR (LightCycler Technology)

Gel electrophoresis

Immunohistochemistry

Immunofluorescence

Optical Microscopy

Confocal Microscopy

Stereological Cell Counting

PC SKILLS

- Windows 98/Me, Windows XP. Microsoft Windows, Microsoft Office, Internet.
- **Special applications:** in silico design of PCR primers and probes
Primer Premier 5.0, SPSS (Statistical software), Image J.

FELLOWSHIPS- WORKING EXPERIENCE

6/2005-6/2006 Scholarship from University of Perugia, Laboratory of Neurobiology. European Research Program (n. QLK4-CT-2002-02723) “Factors Affection the Evolution of Prion Diseases in the Environment”. Neurogenesis Studies.

PUBLICATIONS

1 - Grassi Zucconi G., Cipriani S., **Balgkouranidou I.**, Scattoni R: “ One night sleep deprivation stimulates hippocampal neurogenesis”, *Brain Res Bull.* 69: 375-381 (2006).

2 - Grassi Zucconi G., Cipriani S., Scattoni R., **Balgkouranidou I.**, Hawkins D., Ragnarsdottir V: “Copper deficiency mediates a histopathological picture resembling features typical of neurodegenerative diseases” *Neuropathol Appl Neurobiol.* 33(2): 212-25 (2007).

3 - Cipriani S., Bonini D., Marchina E., **Balgkouranidou I.**, Caimi L., Grassi Zucconi G., Barlati S: “ Mesenchymal cells from human amniotic fluid survive and migrate after transplantation in rat brain” *Cell Biol Int.* 31(8): 845-50 (2007).

4- Magdalini Kioulafa, **Ioanna Balgkouranidou**, Georgia Sotiropoulou, Loukas Kaklamanis, Dimitris Mavroudis, Vassilis Georgoulas and Evi S. Lianidou: “Methylation of cystatin M promoter is associated with unfavorable prognosis in operable breast cancer.” *Int. J. Cancer.* 125, 2887–2892 (2009).

5- D. Matthaios, P. Zarogoulidis, **I. Balgkouranidou**, E. Chatzaki, S. Kakolyris: “Molecular Pathogenesis of Pancreatic Cancer and Clinical Perspectives” *Oncology* 81(3-4):259-72 (2011).

ORAL PRESENTATIONS

- 1- 16^o Conference of Clinical Oncology 2010, Heraklio, Greece ‘Study of DNA methylation markers in NSCLC’.
- 2- 18^o Conference of Clinical Oncology 2010, Heraklio, Greece ‘Study of DNA methylation markers in gastric cancer’.

Posters

- **Balgkouranidou I.**, Albanesi M., Cipriani S., Scattoni R., Grassi Zucconi G. Neurogenesis after short-term sleep deprivation in rat. *II International Conference of the Human Brain, 6-9 October 2004, IRCCS Santa Lucia, Roma*
- **Grassi Zucconi G., Balgkouranidou I.**, Cipriani S., Scattoni R. Neurogenesis after short-term sleep deprivation in rat. *IBRO-SONA meeting, 20-22 April 2005, Cape Town, South Africa, Session: Psychiatry and Neuroscience.*
- Cipriani S., Bonini D., **Balgkouranidou I.**, Marchina E., Barlati S., Zucconi G. Stem cell potential of mesenchymal cells derived from human amniotic fluid. *VII congresso FISV, 21-25 September 2005, Riva del Garda, Minisymposium: Development, differentiation and stem cells.*
- Bonini D., Cipriani S., **Balgkouranidou I.**, Marchina E., Zucconi G., Barlati S. Expression of staminal and mesenchymal markers in human amniotic fluid cells. *VII congresso FISV, 21-25 September 2005, Riva del Garda, Minisymposium: Development, differentiation and stem cells.*
- **Balgkouranidou**, M. Kioulafa, E.G. Tsaroucha, L. Kaklamanis, and E. Lianidou *SOX17* Methylation in Circulating Cell-Free DNA of NSCLC Patients. 7^o Panhellenic *Clinical Chemistry* Congress, Athens, Greece.
- **Balgkouranidou**, P. Triantafyllou, C. Theodoropoulos, E.G. Tsaroucha, L. Kaklamanis, and E. Lianidou Prognostic significance of DNA Methylation Markers in tissues and corresponding Cell-Free Circulating DNA in plasma of NSCLC patients. *American Association for Cancer Research, Annual Meeting, 2009*