

Curriculum vitae

Name: Thanasis D. Velentzas

Nationality: Greek, European Union (EU) citizen

Occupational address: Department of Cell Biology & Biophysics, Faculty of Biology, University of Athens, 15701, Athens, Greece

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Current position: Lab technician and Post-doctoral researcher in Cell Biology and Biophysics Department, Faculty of Biology, University of Athens

Foreign languages: English

2006: Ph.D. Thesis (Department of Biology, University of Athens, under the supervision of Prof. Margaritis)

Education: **2002:** Bachelors of Science (B.Sc.), Department of Biology, University of Athens, Athens, Greece (GR)

1995: High School Graduation

Scholarships: **2002-2006:** "Hrakteitos" Doctorate research program

- Teaching experience:**
- Essential contribution in the Laboratory Practice and Training (LPT) of the undergraduate courses "Cell Biology" and "Advanced Cell Biology", taking place in the Dept. of Cell Biology & Biophysics, Faculty of Biology, University of Athens
 - Organization and contribution of the laboratory courses "Cell Biology-Electron Microscopy" of the Interdisciplinary (Medical School-Department of Biology) M.Sc. Program "Applications of Biology in Medicine", taking place in the Dept. of Cell Biology & Biophysics, Faculty of Biology, University of Athens.
 - Organization and contribution of the laboratory courses "Biology I" and "Biology II" of the Post-graduate Program "Current trends in Educational Biology and new technologies", taking hold in the Section of Cell Biology & Biophysics, Faculty of Biology, University of Athens.

Research Interests:

- Cellular and molecular mechanisms of programmed cell death in model biological systems
- Differential transcriptional regulation during cytotoxic- and stress-responses
- Role of proteasome in the disruption of cellular signalling integrity
- Proteolytic mechanisms and their role in senescence and longevity
- Developmental-specific activation of distinct cellular signalling pathways

Publications:

1. Velentzas AD, Nezis IP, Stravopodis DJ, Papassideri IS, Margaritis LH, 2007. Mechanisms of programmed cell death during oogenesis in *Drosophila virilis*. Cell Tissue Res. 327: 399-414.
2. Velentzas AD, Nezis IP, Stravopodis DJ, Papassideri IS, Margaritis LH, 2007. Apoptosis and autophagy function cooperatively for the efficacious execution of programmed nurse cell death during *Drosophila virilis* oogenesis. Autophagy. 3: 130-132.
3. Velentzas AD, Nezis IP, Stravopodis DJ, Papassideri IS, Margaritis LH, 2007. Stage-specific regulation of programmed cell death during oogenesis of the medfly *Ceratitis capitata* (Diptera, Tephritidae). Int J Dev Biol. 51: 57-66.
4. Nezis IP*, Lamark T*, Velentzas AD*, Rusten TE, Bjørkøy G, Johansen T, Papassideri IS, Stravopodis DJ, Margaritis LH, Stenmark H, Brech A, 2009. Cell death during *Drosophila melanogaster* early oogenesis is mediated through autophagy. Autophagy. 5: 298-302.
*Equal authors
5. Sdralia ND, Patmanidi AL, Velentzas AD, Margaritis LH, Baltatzis GE, Hatzinikolaou DG, Stavridou A, 2009. The mode of lymphoblastoid cell death in response to gas phase cigarette smoke is dose-dependent. Respir Res. 10: 82.
6. Velentzas PD, Velentzas AD, Mpakou VE, Papassideri IS, Stravopodis DJ, Margaritis LH, 2011. Proteasome inhibition induces developmentally deregulated programs of apoptotic and autophagic cell death during *Drosophila melanogaster* oogenesis. Cell Biol Int. 35: 15-27.
7. Antonelou MH, Kriebardis AG, Velentzas AD, Kokkalis AC, Georgakopoulou SC, Papassideri IS, 2011. Oxidative

stress-associated shape transformation and membrane proteome remodeling in erythrocytes of end stage renal disease patients on hemodialysis. *J Proteomics. In Press*

8. Kallimanis A, Labutti KM, Lapidus A, Clum A, Lykidis A, Mavromatis K, Pagani I, Liolios K, Ivanova N, Goodwin L, Pitluck S, Chen A, Palaniappan K, Markowitz V, Bristow J, Velentzas AD, Perisynakis A, Ouzounis CC, Kyrpides NC, Koukkou AI, Drainas C, 2011. Complete genome sequence of *Arthrobacter phenanthrenivorans* type strain (Sphe3). *Stand Genomic Sci.* 4:123-30.
9. Mpakou VE, Velentzas AD, Velentzas PD, Margaritis LH, Stravopodis DJ, Papassideri IS, 2011. Programmed cell death of the ovarian nurse cells during oogenesis of the ladybird beetle *Adalia bipunctata* (Coleoptera: *Coccinellidae*). *Dev Growth Differ.* 53:804-15
10. Kallimanis A, Karabika E, Mavromatis K, Lapidus A, Labutti KM, Liolios K, Ivanova N, Goodwin L, Woyke T, Velentzas AD, Perisynakis A, Ouzounis CC, Kyrpides NC, Koukkou AI, Drainas C, 2011. Complete genome sequence of *Mycobacterium* sp. strain (Spyr1) and reclassification to *Mycobacterium gilvum* Spyr1. *Stand Genomic Sci.* 5:144-53.

- 20 announcements in national conferences

Other Activities:

- Collaborative researcher in scientific proposals (Thales, Archimedes III)

Computer skills:

Knowledge of *Windows OS, Microsoft Office* suite, Image analysis and processing software. Development of multimedia platforms and applications for distant learning of undergraduate and postgraduate courses (<http://multimedia.biol.uoa.gr>). Advanced knowledge of hardware.