

CURRICULUM VITAE, 2013

Issidora Papassideri, PhD

SURNAME: Papassideri

FIRST NAME: Issidora

TITLE: Associate Professor in Cell and Developmental Biology

COMMUNICATING ADDRESS: National and Kapodistrian University of Athens (NKUA), Panepistimiopolis Zografou, Athens 15784, Greece

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Present Position:

- Associate Professor, Dept of Cell Biology & Biophysics, Faculty of Biology, NKUA
- Director of MSc "Educational Biology and New Technologies" course, Faculty of Biology, NKUA
- Director of "Student Training Programme" Faculty of Biology, NKUA
- Associate Editor in BMC Cell Biology

Education - Positions – Employment

1978: Diploma in Biology, NKUA

1986: Ph.D. in Biological Sciences, NKUA

1986-1987: Research Associate in Cell Biology, Department of Cell Biology & Biophysics, Faculty of Biology, NKUA

1987-1989: Lecturer in Biology, Faculty of Primary Education, NKUA

1989-1992: Assistant Professor in Biology, Faculty of Primary Education, NKUA

1992-1999: Lecturer, Department of Cell Biology & Biophysics, Faculty of Biology, NKUA

1999-2006: Assistant Professor, Department of Cell Biology & Biophysics, Faculty of Biology, NKUA

2007-present: Associate Professor, Department of Cell Biology & Biophysics, Faculty of Biology, NKUA

Honors and Awards

1979-1981: Two years Fellowship from "A. Onassis Foundation"

1981: Fellowship from EMBO, Germany

1982: Fellowship from CNRS, France

1984: Fellowship from FEBS, Germany

1985: Post-doc fellowship from EMBO, Germany

1993: Post-doc fellowship from EMBO, Germany

1990 - Present: Reviewer of papers for international journals

2009 - Present: Associate Editor in BMC Cell Biology

2011-Present: Editorial Board member of "World Journal of Methodology", "World Journal of Hematology", "World Journal of Experimental Medicine", "Biochemical and Pharmacological Research"

Postgraduate and Postdoctoral Research

1980: Centre de Génétique Moléculaire CNRS, Gif sur Yvette, France

1981: Laboratoire de Pathologie Cellulaire, Institute Biomedical des Cordeliers, CNRS, Faculté de Médecine, Université Pierre et Marie Curie, Paris France

1981: European Molecular Biology Laboratory, Germany

1982: Institute sur le Cancer, Group Electron Microscopie CNRS, Villejuif, France

1983: European Molecular Biology Laboratory, Germany

1984: Department of Virology, Ulm University, Ulm, Germany

1985: European Molecular Biology Laboratory, Germany

1992: Génétique Moléculaire Humaine, CNRS URA 1171, Faculté de Médecine Grange Blanche, Lyon

1992: Biomedical Structure Analysis, German Cancer Research Centre, DKFZ, Heidelberg, Germany

1994: Génétique Moléculaire Humaine, CNRS URA 1171, Institute Pasteur Lyon, France

2001: European Molecular Biology Laboratory, Germany

Member of:

Hellenic Society of Biological Sciences, Hellenic Biochemical and Biophysical Society, Hellenic Society of Anthropology, Hellenic Society of Entomology, Hellenic Society of Haematology, European Haematology Association, International Society of Haematology, European Club of Membrane Skeleton

Supervision of PhD, MSc and Undergraduate students:

I was the supervisor of six (6) PhD students, who completed their PhD's and I am currently supervising four (4) students, carrying out their PhD's, and two (2) post docs.

I have supervised more than 25 MSc Diploma Theses and more than 60 Undergraduate Diploma Theses, and I was also an external examiner to more than 38 PhD Theses

Teaching Activities:

Co-ordinator of:

-Graduate courses: (a) Cell Biology (compulsory), (b) Advanced Cell Biology (elective), (c) Developmental Biology and Histology (elective), (d) Current issues on Biology of the Cell (elective for Faculties of Chemistry and Physics)

-Post-graduate course for Ph.D. students "Cell Biology and Biophysics"

-Post-graduate course for M.Sc "Applications of Biology in Medicine": (a) Cell Biology and Electron Microscopy,

-Post-graduate courses for M.Sc "Current trends in Educational Biology and new Technologies" (a) Biology I, (b) Biology II, (c) Special topics in Biology, (d) Bioethics and Fundamental Human Rights

National & International Conferences

More than 50 abstracts and talks in International Conferences and more than 130 abstracts in National Conferences.

Resent research interests

-Molecular characterization of the crystalline eggshell proteins of *Drosophila melanogaster* and other insects. Programmed cell death in insects: apoptosis, autophagy and paraptosis of epithelial and nurse cells during oogenesis.

-Senescence and death signaling in mature erythrocytes. Storage lesions in blood products used for transfusion. Erythrocyte defects in hemolysis and hemolytic diseases. Membrane organization and remodeling. Ultrastructure of cells and sub-cellular particles.

Research Impact Indexes

Number of citations: Total 1970/1795; average per article, 33.86

Publication's Impact Factor: Total **277,681**; average 4.27;

h-index: 19.

Funded Research projects

Special Account for Research Grants of the National and Kapodistrian University of Athens (annually released research grants)

Coordinator or active participant of 16 research projects funded by National and EC sources

1. **PENED** 1996-1998: "Characterization of economy important insect peroxidases. Comparative study of other animal and plant peroxidases – application in agriculture" (Active Participant)
2. **IPER** 1996-1999: «Genetical, Biochemical, Structural and Molecular analysis of proteins in hereditary disorders of red cell membrane» in collaboration with Thalassemia Center of General Hospital "Laiko" (Active Participant)
3. **TMR** (EE) Program 1998-2003 «Peroxidases in agriculture, environment and industry». (Active Participant)
4. **Empirikio**, 1999-2000: «Molecular studies of Spectrin mutations in hereditary membranopathies» (Coordinator)
5. **PENED** 1999-2001: «Disorders of erythrocyte membrane proteins in hereditary and acquired haematological diseases in Hellenic population» in collaboration with Thalassemia Center of General Hospital "Laiko" and the University of Patras (Coordinator)
6. **Heraclitus** 2003-2006: «Investigation of mechanisms in programmed cell death during oogenesis in insects» (Active Participant)
7. **Empirikio**, 2004-2005: «Disorders of erythrocyte membrane proteins in hereditary membranopathies in Hellenic population» (Coordinator).
8. **Pythagoras I** 2004-2006: «Apoptosis and cell aging – endocellular mechanisms and exogenous effects» (Active Participant)
9. **PYTHAGORAS II** 2005-2007: «Cell biology study of programmed cell death during oogenesis in Diptera» (Coordinator)

10. **PENED 2006:** "Molecular and cell mechanisms of aging and longevity: in vitro and in vivo approaches and applications in selected natural products" (Active Participant)
11. **PENED 2006:** "Differential expression of apoptotic genes in endometrial cancer. Molecular markers related with the prognosis and confrontation of the disease" (Active Participant)
12. Participation at the FP7 EU grant "**INsPiRE**" (REGPOT-CT-2011-284460). (Active Participant)
13. **Hellenic Society of Blood Transfusion, 2011-2012** "Isolation and characterization of Microparticles from fresh frozen plasma" (Coordinator)
14. **ARXIMIDIS III 2011.** "Cellular study of red blood cells in chronic renal failure patients under haemodialysis" (Active Participant)
15. **THALIS 2011.** "Biological effects of non-ionizing electromagnetic fields: a multidisciplinary approach" (Active Participant)
16. **THALIS 2011.** "Tackling Arthritis using a Biomechanical and Systems Biology approach" (Active Participant)
17. «**Application of state-of-the-art green technology for the development of high Added value cosmeceuticals based on the Greek flora**» «**Synergassia 2011**»

University textbooks

1. **Ecology and environmental education.** "Symmetria" Publications, **IS Papassideri**, First edition Athens 1994; Second edition 1996; Third edition 2000
2. **General Biology.** "Gregoris" Publications, **IS Papassideri**, First edition Athens 1989, Second edition 1992
3. **Teaching Biology.** Athens University Publications, **IS Papassideri**, Athens 1990
4. **Health Education.** Athens University Publications, B Peraki, F Barona and **IS Papassideri**, Athens 1992. "Symmetria" Publications, First edition, Athens 1994; Second edition, Athens 2000
5. **Special Issues in Biology.** Athens University Publications, **IS Papassideri**, Athens 1992
6. **Biology of the Cell.** "Litsas" Publications, Margaritis LH, Galanopoulos B, Marinos E, Keramaris K, **Papassideri IS**, Stravopodis D, Trougkos I, Forth edition Athens 2004

List of Peer-reviewed publications (1986-2013):

RESEARCH ARTICLES

1. Specific secretion of a wax by the follicular cells of *Drosophila melanogaster*

Cell Biol. Int., 10 (12), 903-908, 1986

Papassideri IS, Margaritis LH

[IP: 1.800]

2. Fine structure of the silkworm *Antheraea polyphemus* chorion as revealed by x-ray diffraction and freeze-fracturing

Int J Biol Macromol, 8, 237-242, 1986

Hamodrakas SJ, Margaritis LH, **Papassideri IS**, Fowler A

[IP: 2.661]

3. The eggshell of *Drosophila melanogaster* VI. Structural analysis of the wax layer in laid eggs

Tissue and Cell, 23 (4), 567-575, 1991

Papassideri IS, Margaritis LH, Gulik-Krzywicki T

[IF: 1.698] [Corresponding Author]

4. Three-dimensional reconstruction of innermost chorion layer of *Drosophila grimshawii* and *Drosophila melanogaster* eggshell mutant *fs(1)384*

Int J Biol Macromol, 13, 247-253, 1991

Margaritis LH, Hamodrakas SJ, **Papassideri IS**, Arad T, Leonard KR

[IP: 2.661]

5. The eggshell of *Drosophila melanogaster*. VIII. Morphogenesis of the wax layer during oogenesis

Tissue and Cell, 25(6) 929-936, 1993

Papassideri IS, Margaritis LH, Gulik- Krzywicki T

[IF: 1.698] [Corresponding Author]

6. The eggshell of *Drosophila melanogaster* IX. Synthesis and morphogenesis of the innermost chorionic layer
Tissue and Cell, 28(4) 401-409, 1996

Papassideri IS, Margaritis LH

[IF: 1.698] Corresponding Author]

7. The frequency of the allele a^{LELY} , a low expression allele of the gene encoding erythroid spectrin α -chain in the Greek population

Haematologica, 84:8, 754-756, 1999

Papassideri IS, Antonelou MX, Karababa FJ, Loutradi–Anagnostou A, Delaunay J, Margaritis LH

[IF: 6.532][Corresponding Author]

8. Mass determination of the unit cell of innermost chorionic layer in *Drosophilidae* by Scanning Transmission Electron Microscopy

J Struc Biol 127(3): 258-262, 1999

Papassideri IS, Leonard KR, Mills D, Margaritis LH

[IP: 4.059]

9. Stage specific apoptotic patterns during *Drosophila* oogenesis

Eur J Cell Biol 79, 610-620, 2000

Nezis IP, Stravopodis DJ, **Papassideri IS**, Robert-Nicoud M, Margaritis LH

[IF: 3.955]

10. Actin cytoskeleton reorganization of the apoptotic nurse cells during the late developmental stages of oogenesis in *Dacus oleae*

Cell Motil and Cytosk 48(3): 224-233, 2001

Nezis IP, Stravopodis DJ, **Papassideri IS**, Margaritis LH

[IF: 4.194]

11. Differential sorting of constitutively co-secreted proteins in the ovarian follicle cells of *Drosophila*

Eur J Cell Biol 80: 271-284, 2001, **Cover Story**

Trougakos IP, **Papassideri IS**, Waring G, Margaritis LH

[IF: 3.955]

12. Dynamics of apoptosis in the ovarian follicle cells during the late stages of *Drosophila* oogenesis

Cell & Tissue Research, 307:401-409, 2002

Nezis IP, Stravopodis DJ, **Papassideri IS**, Robert-Nicoud M, Margaritis LH

[IF: 3.114] [Corresponding Author]

13. A novel case of haemoglobin H disease associated with clinical and morphological characteristics of congenital dserythropeoetic anaemia type I

Eur J Haematology, 68(4), 247-252, 2002

Antonelou MH, **Papassideri IS**, Karababa FJ, Gyparakis M, Loutradi–Anagnostou A, Margaritis LH

[IF: 2.785][Corresponding Author]

14. Ultrastructural characterization of the erythroid cells in a novel case of congenital anaemia

Blood Cells, Molecules & Diseases, 30(1):30-42, 2003

Antonelou M.X., **Papassideri I.S.**, Karababa F.J., Loutradi–Anagnostou A., Margaritis L.H.

[IF: 2.901] [Corresponding Author]

15. Defective organization of the erythroid cell membrane in a novel case of congenital anaemia

Blood Cells, Molecules & Diseases, 30(1): 43-54, 2003

Antonelou MX, **Papassideri IS**, Karababa FJ, Stravopodis DJ, Loutradi–Anagnostou A, Margaritis LH

[IF: 2.901] [Corresponding Author]

16. Modes of programmed cell death during *Ceratitis capitata* oogenesis

Tissue & Cell, 35(2): 113-119, 2003

Nezis IP, Modes V, Mpakou V, Stravopodis DJ, **Papassideri IS**, Mammali IG, Margaritis LH

[IF: 1.698]

17. Structural and biochemical analysis of the *Leptinotarsa decemlineata* (Coleoptera; Chrysomeloidea) crystalline chorionic layer

Journal Insect Physiology 49(4): 377-384, 2003

Papassideri IS, Trougakos J, Leonard K, Margaritis LH

[IF: 2.236] [Corresponding Author]

18. Morphological irregularities and features of resistant to apoptosis in the dcp-1/pita double mutated egg chambers during *Drosophila* oogenesis

Cell Motil & Cytosk, 60: 14-23, 2005

Nezis IP, Stravopodis DJ, **Papassideri IS**, Stergiopoulos K, Margaritis LH

[IF: 4.194] [Corresponding Author]

19. The enzymatic component of *Drosophila melanogaster* chorion is the Pxd peroxidase

Insect Bioch Mol Biol 35:9 1043-1057, 2005

Konstanti OA, **Papassideri IS**, Stravopodis DJ, Kenoutis CA, Hassan Z, Katsorchis T, Wever R, Margaritis LH

[IF: 4.018][Corresponding Author]

20. Molecular cloning and tissue specific transcriptional regulation of the first peroxidase family member, Udp1, in stinging nettle (*Urtica dioica*)

Gene, 362:57-69, 2005

Douroupi TI, **Papassideri IS**, Stravopodis DJ, Margaritis LH

[IF: 2.753] [Corresponding Author]

21. Follicular atresia during *Dacus oleae* oogenesis

Journal Insect Physiology, 52:3 282-290, 2006

Nezis IP, Stravopodis DJ, Margaritis LH, and **Papassideri IS**

[IF: 2.236] [Corresponding Author]

22. Membrane protein carbonylation in non-leukodepleted CPDA-preserved red blood cells

Blood Cells Mol Diseases 36:2, 279-282, 2006

Kriebardis A, Antonelou MH, Stamoulis K, Oikonomou - Petersen E, Margaritis LH, **Papassideri IS**

[IF: 2.901] [Corresponding Author]

23. Programmed cell death of follicular epithelium during the late developmental stages of oogenesis in the fruit flies *Bactrocera oleae* and *Ceratitis capitata* (Diptera, Tephritidae) is mediated by autophagy

Development, Growth & Differentiation, 48:3, 189-198, 2006

Nezis IP, Stravopodis DJ, Margaritis LH, **Papassideri IS**

[IF: 2.317] [Corresponding Author]

24. Chromatin condensation of ovarian nurse and follicle cells is regulated independently from DNA fragmentation during *Drosophila* late oogenesis

Differentiation, 74(7) 293-304, 2006

Nezis IP, Stravopodis DJ, Margaritis LH, **Papassideri IS**

[IF: 4.481] [Corresponding Author] [Cover Story]

25. The dual role of chorion peroxidase in *Bactrocera oleae* chorion assembly

Inter J Devel Biol, 50(6):543-552, 2006

Konstandi OA, **Papassideri IS**, Stravopodis DJ, Antonelou MX, Kenoutis CA, Stefanidou D, Margaritis LH

[IF: 2.856] [Corresponding Author]

26. Autophagy is required for the degeneration of the ovarian follicular epithelium in higher Diptera

Autophagy, 2(4): 295-298, 2006

Nezis IP, Stravopodis DJ, Margaritis LH, **Papassideri IS**

[IF: 12,042] [Corresponding Author]

27. Programmed cell death of the ovarian nurse cells during oogenesis in the silkworm *Bombyx mori*

Development, Growth & Differentiation, 48(7):419-428, 2006

Bakou VE, Nezis IP, Stravopodis DJ, Margaritis LH, **Papassideri IS**

[IF: 2.317] [Corresponding Author]

28. Mechanisms of programmed cell death during oogenesis in *Drosophila virilis*

Cell Tissue Research, 327(2):399-414, 2007

Velentzas AD, Nezis IP, Stravopodis DJ, **Papassideri IS**, Margaritis LH

[IF: 3.114] [Corresponding Author]

29. Stage - specific regulation of programmed cell death during oogenesis in the medfly *Ceratitis capitata* (Diptera, Tephritidae)

Int J Devel Biol, 51(1):57-66, 2007

Velentzas AD, Nezis IP, Stravopodis DJ, **Papassideri IS**, Margaritis LH

[IF: 2.317] [Corresponding Author]

30. The clinicopathological and prognostic significance of membrane type 1 matrix metalloproteinase (MT1-MMP) and MMP-9 according to their localization in invasive breast carcinoma

Histopathology, 50(3):338-47, 2007

Mylona E, Nomikos A, Magkou C, Kamberou M, Panayotides I, **Papassideri IS**, Keramopoulos A, Nakopoulou L

[IF: 4.131]

31. Apoptosis and autophagy function cooperatively for the efficacious execution of programmed nurse cell death during *Drosophila virilis* oogenesis

Autophagy, 3(2):130-132, 2007

Velentzas AD, Nezis IP, Stravopodis DJ, **Papassideri IS**, Margaritis LH

[IF: 12,042] [Corresponding Author]

32. Physiologically important secondary modifications of red cell membrane in hereditary spherocytosis-evidence for in vivo oxidation and lipid rafts protein variations

Blood Cells Mol Diseases, 38(3):210-220, 2007

Margetis PJ, Antonelou MH, Karababa FJ, Loutradi - Anagnostou A, Margaritis LH, **Papassideri IS**

[IF: 2.901] [Corresponding Author]

33. Crystalline yolk spheroids in *Drosophila melanogaster* oocyte: Freeze fracture and two-dimensional reconstruction analysis

J. Insect Physiology; 53(4): 370-376, 2007

Papassideri IS, Trougakos JP, Leonard KR, Margaritis LH

[IF: 2.236] [Corresponding Author]

34. Structural alterations of the erythrocyte membrane proteins in diabetic retinopathy

Graefe's Archive Clinical Exper Ophtha, 245(8): 1179-1188, 2007

Petropoulos J, Margetis PJ, Antonelou MX, Gartaganis S, Koliopoulos IX, Margaritis LH **Papassideri IS**

[IF: 1.170]

35. Progressive oxidation of cytoskeleton proteins and accumulation of denature hemoglobin in stored red cells

J Cell Molec Med, 11(1):148-155, 2007

Kriebardis A, Antonelou MX, Stamoulis K, Oikonomou - Petersen E, Margaritis LH, **Papassideri IS**

[IF: 6.606] [Corresponding Author]

36. Storage-dependent remodeling of red blood cell membrane is associated with increased immunoglobulin G binding, lipid raft rearrangement and caspase activation

Transfusion; 47(7) 1212-1220, 2007

Kriebardis A, Antonelou M, Stamoulis K, Oikonomou - Petersen E, Margaritis LH, Papassideri IS

[IF: 3.475] [Corresponding Author]

37. Different modes of programmed cell death during oogenesis of the silkworm *Bombyx mori*

Autophagy, 4:1, 97-100, 2008

Bakou VE, Nezis IP, Stravopodis DJ, Margaritis LH, Papassideri IS

[IF: 12,042] [Corresponding Author]

38. A PCR-based integrated protocol for the structural analysis of the 13th exon of the human β -myosin heavy chain (*MYH7*): Development of a diagnostic tool for HMC disease

Experimental Molecular Pathology, 84(3):245-50, 2008

Stravopodis DJ, Zaphiropoulos AZ, Voutsinas M, Margaritis LH, Papassideri IS

[IF: 2.986] [Corresponding Author]

39. RBC-derived vesicles during storage. Ultrastructure, protein composition, oxidation, and signalling components

Transfusion, 48: 1943-1953, 2008

Kriebardis A, Antonelou M, Stamoulis K, Oikonomou - Petersen E, Margaritis LH, Papassideri IS

[IF: 3.475] [Corresponding Author]

40. Monitoring autophagy in insect eggs

Methods in Enzymology, 451: 669-683, 2008

Nezis IP, Papassideri IS

[IF: 2.120] [Corresponding Author] [Invited paper]

41. Intracellular Clusterin inhibits mitochondrial apoptosis by suppressing p53-activating stress signals and stabilizing the cytosolic Ku70-Bax protein complex

Clin Cancer Res, 15(1):48-59, 2009

Trougakos IP, Lourda M, Antonelou MX, Kletsas D, Gorgoulis VG, Papassideri IS, Zou Y, Margaritis LH, Boothman DA, Gonos E

[IF: 7.742]

42. Grade-dependent effects on cell cycle progression and apoptosis in response to doxorubicin in human bladder cancer cell lines

Int J Oncol, 34(1):137-60, 2009

DJ Stravopodis, PK Karkoulis, EG Konstantakou, S Melachroinou, AD Lampidonis, D Anastasiou, S Kachrilas, N Messini-Nikolaki, IS Papassideri, G Aravantinos, LH Margaritis, GE Voutsinas

[IF: 2.447]

43. Cell death during *Drosophila melanogaster* early oogenesis is mediated through autophagy

Autophagy, 5(3):298-302, 2009

IP Nezis, T Lamark, AD Velentzas, TE Rusten, G Bjorkoy, T Johansen, IS Papassideri, DJ Stravopodis, LH Margaritis, H Stenmark, A Brech

[IF: 12,042] [Corresponding Author]

44. Increased protein carbonylation of red blood cell membrane in diabetic retinopathy

Experimental Molecular Pathology, 87(1):76-82, 2009, 2009

Margetis PI, Antonelou MH, Petropoulos I, Margaritis LH, Papassideri IS

[IF: 2.986] [Corresponding Author]

45. Red blood cell aging markers during storage in Citrate Phosphate Dextrose-Saline Adenine Glucose Manitol

Transfusion, 50: 376-389, 2010

Kriebardis A, Antonelou M, Stamoulis K, Oikonomou - Petersen E, Margaritis LH, Papassideri IS

[IF: 3.475] [Corresponding Author]

46. Isomorph Expression of BAG-1 Gene and ER, PR in Endometrial Cancer

Anticancer Research, 30(10):4103-8, 2010

Porichi O, Nikolaidou ME, Apostolaki AI, Arnogianaki N, **Papassideri I**, Chatonidis I, Panotopoulou E

[IF: 1.725]

47. Anti-ageing and rejuvenating effects of quercetin

Experimental Gerontology, 45(10):763-71, 2010

Chondrogianni N, Kapeta S, Chinou I, Vassilatou K, **Papassideri IS**, Gonos ES

[IF: 3.804]

48. Proteasome inhibition induces developmentally deregulated programs of apoptotic and autophagic cell death during *Drosophila melanogaster* oogenesis

Cell Boil Inter, 35(1):15-27, 2011

Velentzas PD, Velentzas AD, Bakou VE, **Papassideri IS**, Stravopodis DJ, Margaritis LH,

[IP: 1.800]

49. Programmed cell death of the ovarian nurse cells during oogenesis of the ladybird beetle *Adalia bipunctata* (Coleoptera: Coccinellidae)

Development, Growth & Differentiation, 53(6):804-15, 2011

Mpakou VE, Veletzas AD, Velentzas PD, Margaritis LH, Stravopodis DJ, **Papassideri IS**

[IF: 2.317] [Corresponding Author]

50. Oxidative stress-associated shape transformation and membrane proteome remodeling in erythrocytes of end stage renal disease patients on hemodialysis

J Proteomics, 19;74(11):2441-52, 2011

Antonelou MX, Kriebardis AG, Velentzas AD, Kokkalis AC, Georgakopoulou SC, **Papassideri IS**

[IF: 5.074] [Corresponding Author][Invited article]

51. Apolipoprotein J/Clusterin is a Novel Structural Component of Human Erythrocytes and a Biomarker of Cellular Stress and Senescence.

Antonelou MH, Kriebardis AG, Stamoulis KE, Trougakos IP, **Papassideri IS**.

PLoS ONE 6, e26032, 2011

[IF: 4.411] [Corresponding Author]

52. Apolipoprotein J/Clusterin in Human Erythrocytes is involved in the Molecular Process of Defected Material Disposal during Vesiculation.

Antonelou MH, Kriebardis AG, Stamoulis KE, Trougakos IP, **Papassideri IS**.

PLoS ONE 6, e26033, 2011

[IF: 4.411] [Corresponding Author]

53. Increased expression levels of Apolipoprotein J/Clusterin during primary osteoarthritis.

In vivo, 25(5):745-9, 2011

Fandridis E, Apergis G, Korres DS, Nikolopoulos K, Zoubos AB, **Papassideri IS**, Trougakos IP

[IF: 1.264]

54. Human papillomavirus genotyping and E6/E7 mRNA expression in Greek women with intraepithelial neoplasia and squamous cell carcinoma of the vagina and vulva.

J Oncol. 2012; 893275

Tsimplaki E, Argyri E, Michala L, Kouvousi M, Apostolaki A, Magiakos G, **Papassideri IS**, Panotopoulou E

[IF: 2.191]

55. Silencing of CCDC6 affects the expression of 14-3-3 σ in colorectal carcinoma cells.

Anticancer research, 32(3):907-13, 2012.

Thanasopoulou A, Xanthopoulou AG, Anagnostopoulos AK, Konstantakou EG, Margaritis LH, **Papassideri IS**, Stravopodis DJ, Tsangaris T, Anastasiadou E
[IF: 1.725]

56. Effects of prestorage leucoreduction on stored red blood cells signaling: a time-course evaluation from shape to proteome.

J of Proteomics, 76 Spec: 220-38, 2012

Antonelou MH, Tzounakas V, Kriebardis AG, Stamoulis KE, **Papassideri IS**

[IF: 5.074] [Corresponding Author][Invited article]

57. Detrimental effects of proteasome inhibition activity in *Drosophila melanogaster*: implication of ER stress, autophagy and apoptosis

Cell Biology and Toxicology, in press, 2012

Velentzas PD, Velentzas AD, Mpakou VE, Antonelou MH, Margaritis LH, **Papassideri IS**, Stravopodis DJ

[IF: 2.511]

58. Differential regulation of proteasome functionality in reproductive vs. somatic tissues of *Drosophila* during ageing or oxidative stress;

FASEB J, 27(6):2407-20, 2013;

Tsakiri EN, Sykiotis GP, **Papassideri IS**, Gorgoulis VG, Bohmann D, Trougakos IP

[IF: 6.515]

59. A cross sectional study of HPV type prevalence according to age and cytology.

BMC Infectious Diseases, 13:53 2013;

Argyri E, Papaspyridakos S, Tsimplaki E, Michala L, Myriokefalitaki E, **Papassideri I**, Daskalopoulou D, Tsiaoussi I, Magiakos G, Panotopoulou E.

[IF: 3.120]

60. Phenolic profiles and antioxidant and anticarcinogenic activities of Greek herbal infusions; balancing delight and chemoprevention?

Accepted, in Journal of Food Chemistry 2013;

Kaliora AC, Kogiannou DA, Kefalas P, **Papassideri IS**, Kalogeropoulos N.

[IF: 3.655]

61. *In vivo* loss-of proteasome functionality in *Drosophila melanogaster* signals to an age- and tissue-dependent feedback regulatory circuit aiming to restore proteostasis and prevent premature ageing.

Aging Cell in press, 2013;

Tsakiri EN, Sykiotis GP, **Papassideri IS**, Terpos E, Dimopoulos MA, Gorgoulis VG, Bohmann D, Trougakos IP

[IF: 6.265]

64. Reactive oxygen species elevation and recovery in *Drosophila* Bodies and ovaries following short term and long term exposure to dect base EMF

In press, Electromagnetic Biology and Medicine, 2013

Manta A, Stravopodis D, **Papassideri I**, Margaritis L

[IF: 1.148]

65. Diet-derived Advanced Glycation End products or Lipofuscin disrupt proteostasis and reduce lifespan in *Drosophila melanogaster*

Under revision in Free Radical Biology and Medicine

Tsakiri EN, Iliaki KK, Höhn A, Grimm S, Papassideri IS, Grune T, Trougakos IP

66. Identification of wax layer in *Aedes Aegypti* laid eggs as revealed by freeze-fracture Electron Microscopy.

Submitted for publication

Papassideri IS, Gulik-Krzywicki T, Margaritis LH

67. Crystalline innermost chorionic layer in *Drosophilidae*: arrangement of components as revealed by thin sections, negative staining and two-dimensional reconstruction.

Submitted for publication

Papassideri IS, Leonard KR, Hamodrakas DJ, Margaritis LH

REVIEW ARTICLES

1. Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes

Autophagy, 4:2, 151-75, 2008

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