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## Paraskevi Mitliagka, Ph.D.

Professor in Chemistry-Biochemistry

### Personal information

Year of birth	1966
Place of birth	Kozani, Greece
Nationality	Greek
Marital status	Married, 1 child
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### Education

Sept. 1985 - Oct. 1989	B. Sc. in Chemistry, School of Pure and Applied Sciences, University of Ioannina, Ioannina, Greece.
May 1990 - June 1997	Ph.D. student in the Laboratory of Biological Chemistry, University of Ioannina Medical School, Ioannina, Greece.

### Post-doctoral fellowships

June 1997 – Feb. 1998	Post-doctoral fellow, Laboratories of Biological Chemistry and Immunology, University of Ioannina Medical School, Ioannina, Greece.
March 1998 – March 2001	Post-doctoral Fellow, Department of Neuro-Oncology, UT MD Anderson Cancer Center, Houston, Texas.

## Academic Appointments

<b>May 2001 - May 2003</b>	Research Investigator, Neurosurgical Institute, University of Ioannina Medical School, University of Ioannina, Ioannina, Greece.
<b>November 11,2003-August 31, 2004</b>	Lecturer in Biochemistry, University of Ioannina, Department of Biological Applications and Technology
<b>December 10, 2003 – August 2, 2012</b>	Associate Professor, Technological Education Institution of Western Macedonia-Florina Branch, School of Agricultural Technology, Department of Agricultural Products Marketing and Quality Control.
<b>August 2, 2012- June 6, 2013</b>	Professor, Technological Education Institution of Western Macedonia-Florina Branch, School of Agricultural Technology, Department of Agricultural Products Marketing and Quality Control.
<b>June 6, 2013-May 7, 2019</b>	Professor, Technological Education Institution of Western Macedonia, School of Agriculture Technology-Food Technology and Nutrition, Department of Agricultural Technology.
<b>May 7, 2019-January 13, 2020</b>	Professor, University of Western Macedonia, School of Agricultural Sciences, Department of Agriculture.
<b>January 13, 2020- today</b>	Professor, University of Western Macedonia, Faculty of Engineering, Department of Chemical Engineering.

## Administrative Appointments

<b>1/9/2006 – 31/8/2010</b>	Head of the Department of Agricultural Products Marketing and Quality Control, School of Agricultural Technology, Technological Education Institute of West Macedonia-Florina Branch.
<b>1/9/2006 – 31/8/2008</b>	Deputy Head of School of Agricultural Technology, Technological Education Institution of Western Macedonia-Florina Branch.
<b>1/9/2009 – 31/8/2010</b>	
<b>1/9/2010 – 14-2-2013</b>	Head of School of Agricultural Technology, Technological Education Institution of Western Macedonia-Florina Branch.
<b>29/12/2012 – 26/4/2013</b>	Member of the Board of Technological Education Institution of Western Macedonia

<b>10/5/2013-30/11/2017</b>	Vice Rector on Academic Affairs of TEI of Western Macedonia and Head of the Institutional Quality Assurance Committee of Technological Education Institution of Western Macedonia-
<b>20/5/2015-today</b>	Head of the Post Graduate Programme in Analysis and Quality Control of Food Products, University of Western Macedonia
<b>December 2020-today</b>	Head of Food Chemistry and Technology Lab

## Scientific and research interests

- ✓ Molecules and mechanisms involved in autoimmune destruction of  $\beta$  islets of Langerhans
- ✓ Gene therapy on glioblastoma multiforme
- ✓ Mechanisms of cell death (apoptosis)
- ✓ Medicinal plants and their involvement in health and disease
- ✓ Food industry wastes management through circular economy
- ✓ Biodegradable materials
- ✓ Aflatoxins and pesticide residues to food
- ✓ Food analysis and quality
- ✓ Antioxidants

## Research and Academic projects

### RESEARCH PROJECTS

<b>1/7 - 31/11/1990</b>	Research Assistant in the research project of the Research Committee of the University of Ioannina: "Experimental immunosuppression in insulin-dependent diabetes in animal model of BB rats"
<b>15/1 - 28/2/1991</b>	Research Assistant in the research project of General Secretariat of Research and Technology: "Treatment of insulin dependent diabetes mellitus by islet cell transplant"
<b>15/6/1991 - 15/2/1992 and 1/3 - 31/12/1992</b>	Research Assistant in the research project of General Secretariat of Research and Technology: "Experimental islet cell transplantation in autoimmune diabetic BB rats for treatment of disease".
<b>15/1/1992 - 30/4/1992</b>	Research Assistant in the research project of Ministry of Health: "The characterization and activity of IL-1 receptor".
<b>1/1/1993 - 30/6/1996</b>	Research Assistant in the research project of the European Community EE BIO 2CT 92 0316: "Development of in vitro tests to assess

	immunotoxicology and pharmacology of drugs and biotechnology products”
<b>1/7/1995-30/11/1995</b>	Research Assistant in the research project of General Secretariat of Research and Technology: “Study of the inhibition of expression of oncogenes by heat shock proteins”
<b>1/1-30/9/1996</b>	Research Assistant in the research programme of the European Community EE B104-CT95-0263: “Identification of the antigenic protein patterns of human class II MSI”.
<b>1/9/1997 to 31/3/1998</b>	
<b>1/5 - 31/8/1997</b>	Research Assistant in the research-competitive programme of General Secretariat of Research and Technology: “OVERHEADS-NATIONAL CONTRIBUTION”
<b>1/1/2005-31/12/2007</b>	Principal investigator for 3 <sup>rd</sup> Framework EPEAEK II: T.E.I. Research Groups support entitled: “Optimization of the biological actions of essential oils of Greek herbs”.
<b>3/10/2014-31/3/2016</b>	IPA Cross-Border “Greece-Albania ” 2007-2013 entitled: «Promotion of cross-border entrepreneurship in sectors of agriculture & food-beverages by empowering laboratories’ accreditation systems & certification of products and services» : BUILDING EXCELLENCE THROUGH ACCREDITATION»
<b>1/8/2016 -31/9/2018</b>	TEI of Western Macedonia Research Committee: Strengthening of research groups of TEI of Western Macedonia entitled "Addition of Prespa beans as feed supplement of fattening lambs and its effect on meat production capacity quality characteristics ".
<b>1-4-2019 έως 30-3-2021</b>	TEI of Western Macedonia Research Committee: Strengthening of research groups of TEI of Western Macedonia entitled: Study of antioxidant and antimicrobial activity of lavender infusions
<b>14/06/2019 - 31/12/2023</b>	PA 2014-2020, Western Macedonia OP: Strengthening research, technological development and innovation: Research infrastructure for quality and nutritionally safe agricultural products and food
<b>20-11-2020 -19-5-2023</b>	PA 2014-2020, Western Macedonia OP: Strengthening research, technological development and innovation 2014-2020: New technologies and innovative approaches to Agri-Food and Tourism to enhance regional excellence in Western Macedonia
<b>30/3/2022-8/12/2023</b>	PA 2014-2020, Western Macedonia OP: Enhancing competitiveness of SMEs: Quality characteristics of sheep meat and production of added value products

**21/07/2021- 30/06/2025** Horizon 2020, Prima Program for Research, Technological Development and Demonstration, Project title: NEWFEED- Turn food industry by-products into secondary feedstuffs via circular-economy schemes.

#### ACADEMIC PROJECTS

**2003-31/12/2006** Member of the research team for EPEAEK II: Reform and Restructuring of the curriculum of the Department of Agricultural products marketing and quality control, 3<sup>rd</sup> Framework Project

**1/1/2005-31/12/2006** Principal investigator for 3<sup>rd</sup> Framework EPEAEK II: Supply of laboratory - scientific equipment for the Curriculum of the Department of Agricultural Products Marketing and Quality Control, TEI West Macedonia-Florina Branch.

**15/10/2010 -31/8/2015** PA 2007-2014, OP Human Resources Development, Education and Lifelong Learning: Supporting the Quality Assurance Committee of TEI of Western Macedonia

**2023-2025** PA 2014-2020, OP Human Resources Development, Education and Lifelong Learning: Supporting Internationalization actions of the University of Western Macedonia.

## Languages

Greek (native), English.

## Scientific societies and memberships

- ✓ Member of Hellenic Chemical Union
- ✓ Member of Hellenic Society of Biochemistry and Molecular Biology
- ✓ Member of the Reviewer board of Antioxidants, MDPI

## Awards

**1991** Second Papastamati Research Award, National Meeting of the Panhellenic Medical Society (see publ.).

**2004** Scientific exhibit third award, 5<sup>th</sup> Greek Meeting on Cancer Markers and targeted therapy (see abstracts)

## Fellowships

- ✓ NATO/FEBS Advanced Study Institute to participate at International Summer School on “Molecular Mechanisms of Transcellular Signaling: From the membrane to gene”, held on Spetsai, Greece, August 15-27, 1994.
- ✓ 1998-2001: Post-doctoral Fellowship NIH, USA

## Scientific Journal Reviewer

Neuroscience, Journal of Soil Science and Environmental Management, Journal of Advances in Microbiology, Food Science and Biotechnology, Foods, Antioxidants, Molecules, Antibiotics, Bioengineering, Applied Sciences, Pharmaceutics, Nutrients, Sustainability, Plants, Diversity, Biotechnology Journal International, Revista Facultad Nacional de Agronomía Medellín (RFNAM), Journal of Applied Life Sciences International, Plant cell biotechnology and molecular Biology, South Asian Journal of Research in Microbiology.

## Research Grants Reviewer

- ✓ Greek Ministry of Development and Investments: Operational Programme Competitiveness, Entrepreneurship and Innovation 2014-2020 (EPAnEK)
- ✓ General Secretariat for Research and Innovation
- ✓ IKY

## SCIENTIFIC PUBLICATIONS

### PUBLICATIONS IN SCIENTIFIC JOURNALS

1. **Mitlianga P**, Germanidis G, Moutsopoulos HM, Papadopoulos GK. The effect of the cytokine interleukin-1 $\beta$  on the rat insulinoma line RIN-5AH. Arch. Hellenic Med. **8**:178-185, 1991.
2. **Mitlianga P**, Germanidis G, Moutsopoulos HM, Papadopoulos GK. The effect of transforming growth factor  $\beta_1$  and tumor necrosis factor  $\alpha$  on the cytotoxic-cytostatic action of interleukin-1 ( $\alpha$  and  $\beta$  isoforms) on the pancreatic  $\beta$ -cell line RIN-5AH. Int. J. Immunopath. Pharmacol. **8** : 67-77, 1995.
3. Fueyo J, Gomez-Manzano C, **Mitlianga P**, Lagos G, Yung WKA, Kyritsis AP “p16/Rb/E2F-1 pathway in Gliomas: From Function to Therapy”. Biotech Lab International **3**: 22-23, 1998.
4. Vassiliadis S, Dragiotis V, Protopapadakis E, Athanassakis I, **Mitlianga P**, Konidaris K, and Papadopoulos GK. The destructive action of IL-1a and IL-1b in IDDM is a multistage process: evidence and confirmation by apoptotic studies, induction of intermediates and electron microscopy. Mediators of Inflammation **8**: 85-91, 1999.

5. Fueyo J, Gomez-Manzano C, Alemany R, Lee PSY, McDonnell TJ, **Mitlianga P**, Shi Y-X, Levin VA, Yung WKA, and Kyritsis AP. A mutant oncolytic adenovirus targeting the Rb pathway produces anti-glioma effect *in vivo*. *Oncogene* **19**: 2-12, 2000.
6. **Mitlianga PG**, Kyritsis AP, Gomez-Manzano C, Lemoine M, Hu M, Liu TJ, Yung WKA, Fueyo J. Co-expression of E2F-2 enhances the p53 anti-cancer effect in human glioma cells. *International Journal of Oncology* **18**: 343–347, 2001.
7. Shapiro AM, Hao EG, Lakey JR, Yakimets WJ, Churchill TA, **Mitlianga PG**, Papadopoulos GK, Elliott JF, Rajotte RV, Kneteman NM. Novel approaches toward early diagnosis of islet allograft rejection. *Transplantation* **71**: 1709-1718, 2001.
8. Gomez-Manzano C Groves MD, Lemoine MG, Hu M, He J, **Mitlianga P**, Liu T-J, Yung WKA, Fueyo J, Groves MD. Adenovirally-mediated transfer of E2F-1 potentiates chemosensitivity of human glioma cells temozolomide and BCNU. *International Journal of Oncology* **19**: 359-365, 2001.
9. Goussia AC, Kyritsis AP, **Mitlianga P**, Bruner JM. Cytogenetic abnormalities in oligoastrocytomas and ependymomas. *J. Neurology* **248**: 1030-1035, 2001.
10. Gomez-Manzano C, **Mitlianga P**, Fueyo J, Lee H-Y, Hu M, Spurgers KB, Glass TL, Koul D, Liu T-J, McDonnell TJ, Yung WKA. Transfer of E2F-1 to human glioma cells results in transcriptional upregulation of bcl-2 *Cancer Res.* **61**: 6693-6697, 2001.
11. **Mitlianga PG**, Gomez-Manzano C, Kyritsis AP, Fueyo J. Overexpression of E2F-1 leads to bax-independent cell death in human glioma cells. *Int J Oncol.* **21**(5): 1015-20, 2002.
12. Konidaris C, **Mitlianga PG** and Papadopoulos GK. No specific reactivity to E. coli Glutamic Acid Decarboxylase from sera of newly-diagnosed insulin dependent diabetic patients. *Int. J. Immunopath. Pharmacol.* **16**: 129-138, 2003.
13. Gomez-Manzano C, Balague C, Alemany R, Lemoine MG, **Mitlianga P**, Jiang H, Khan A, Alonso M, Lang FF, Conrad CA, Liu T-J, Bekele BN, Yung WKA, Fueyo J. A novel E1A-E1B Mutant Adenovirus Induces Glioma Regression *in Vivo*. *Oncogene* **23**: 1821-1828, 2004.
14. **Mitlianga PG**, Sioka C, Vartholomatos G, Goussia A, Polyzoidis K, Rao JS, and Kyritsis AP. p53 enhances the  $\Delta$ -24 conditionally replicative adenovirus anti-glioma effect. *Oncology Reports* **15**: 149-53, 2006.
15. E. Tamoutsidis, M. Lazaridou, I. Papadopoulos, T. Spanos, P. Papathanasiou, M. Tamoutsidou, **P. Mitlianga**, G. Vasiliou. The effect of treated urban wastewater on soil properties, plant tissue composition and biomass productivity in berseem clover and corn. *Journal of Food, Agriculture & Environment*, 7: 132-136, 2009.
16. Kasapidou, E., **Mitlianga, P.** and Sossidou, E. Quality of the family poultry products produced in Greece. *Europ.Poult.Sci.*, **78**. 2014, ISSN 0003-9098
17. Nikolakakis, I., Bonos, E., Kasapidou, E., Kargopoulos, A. and **Mitlianga, P.** Effect of dietary sesame seed hulls on broiler performance, carcass traits and lipid oxidation of the meat. *Europ. Poult. Sci.*, **78**. 2014, ISSN 1612-9199

18. Panagiotidou E, Konidaris C, Baklavaridis A, Zuburtikudis I, Achilias D and **Mitlianga P.** A Simple Route for Purifying Extracellular Poly (3-hydroxybutyrate)-depolymerase from *Penicillium pinophilum*. Enzyme Research Volume 2014, <http://dx.doi.org/10.1155/2014/159809>
19. Kasapidou E, Giannenas I, **Mitlianga P**, Sinapis E, Bouloumpasi E, Petrotos K, Manouras A & Kyriazakis I. Effect of *Melissa officinalis* supplementation on growth performance and meat quality characteristics in organically produced broilers. *Europ.Poult.Sci.*, in press, DOI: 10.1080/00071668.2014.974140
20. Eleni Kasapidou, Charikleia Papadaki, **Paraskevi Mitlianga** and Evangelia Sossidou. Family produced laying hen meat and eggs in Greece - Nutritional indices for the health conscious consumers. *Europ. Poult .Sci.*, **79**. 2015, DOI: 10.1399/eps.2015.74
21. Kasapidou E, Sossidou E and **Mitlianga P.** (2015). Fruit and Vegetable Co-Products as Functional Feed Ingredients in Farm Animal Nutrition for Improved Product Quality. *Agriculture*, *5*, 1020-1034; doi:10.3390/agriculture5041020 (open access journal)
22. Kasapidou, E., Sossidou, E., Zdragas, A., Papadaki, C., Vafeas, G. and Mitlianga, P. (2016). Effect of grape pomace supplementation on broiler meat quality characteristics. *European Poultry Science (Archiv fur Geflugelkunde)* 80: Online publication DOI: 10.1399/eps.2016.135
23. Vasileios A. Greveniotis, Veronica S. Giourieva, Elisavet C. Bouloumpasi, Evangelia J. Sioki & Paraskevi G. Mitlianga. Morpho-physiological characteristics and molecular markers of maize crosses under multi-location evaluation. *Journal of Agricultural Science*, *10* (11):79-90.
24. Kasapidou, E., Papadopoulos, V., **Mitlianga, P.** Feasibility of application of near infrared reflectance (Nir) spectroscopy for the prediction of the chemical composition of traditional sausages. (2021). *Applied Sciences (Switzerland)*, *11*(23), 11282.
25. Kontogianni, V.G., Kasapidou, E., **Mitlianga, P.**, Mataragas M., Pappa E. Kondyli, E., Bosnea, L. Production, characteristics and application of whey protein films activated with rosemary and sage extract in preserving soft cheese. (2022)*LWT*, *2022*, *155*, 112996. DOI 10.1016/j.lwt.2021.112996
26. Keramaris, A., Kasapidou, E., **Mitlianga, P.** Pontic Greek cuisine: the most common foods, ingredients, and dishes presented in cookbooks and folklore literature (2022). *Journal of Ethnic Foods*, *9*(1), 3, DOI 10.1186/s42779-022-00117-8.
27. E Kasapidou, MA Karatzia, **P Mitlianga**, Z Basdagianni. Effects of Production Systems and Seasons on Retail-Goat-Milk Fatty-Acid Composition and Nutritional Indices in Greece. *Animals* *12* (17), 2204, <https://doi.org/10.3390/ani12172204>
28. Eirini S. Papadaki, Dimitrios Palaogiannis, Stavros I. Lalas, **Paraskevi Mitlianga** and Dimitris P. Makris. Polyphenol Release from Wheat Bran Using Ethanol-Based Organosolv Treatment and Acid/Alkaline Catalysis: Process Modeling Based on Severity and Response Surface Optimization. *Antioxidants*, *2022*, *11*(12), 2457.

## BOOK CHAPTERS



1. Tsakiris I.N., Toutoudaki M., Kokkinakis M., **Mitlianga P.**, Tsatsakis A.M. 2011. A risk assessment study of Greek population dietary chronic exposure to pesticide residues in fruits, vegetables and olive oil. In: *Pesticides – Formulations, Effects, Fate*. Eds Margarita Stoytcheneva, INTECH.

## ABSTRACTS/ PUBLICATIONS IN CONFERENCE PROCEEDINGS

### INTERNATIONAL

1. **Mitlianga P**, Germanidis G, Papadopoulos GK. "Cytotoxicity of interleukin-1 $\beta$  against the rat insulinoma line RIN-5AH. Enhancement of, or protection from the cytotoxic action of other cytokines". International Diabetes Federation Satellite Workshop: b-cell 1991, from health to disease. Boston, June 29 - July 1<sup>st</sup>, 1991.
2. **Mitlianga P**, Germanidis G, Papadopoulos GK. The cytotoxic action of interleukin-1 $\beta$  against the RIN-5AH. *Diabetologia* **34**, **A9** (Abstract), 1991.
3. Papadopoulos GK and **Mitlianga P**. The modulation of the cytostatic/cytotoxic action of IL-1 on the pancreatic  $\beta$ -cell line RIN-5AH by the cytokines TNF $\alpha$ , IL-6, TGF- $\beta$ <sub>1</sub> and GM-CSF. Greek-Finland Symposium of Basic Sciences, May 22 - 26, 1993, Ioannina, Greece.
4. **Mitlianga P**, Vareli K, Papadopoulos GK. "IL-1 and TGF- $\beta$ <sub>1</sub> affect the expression of type I and II IL-1 receptors in the rat insulinoma cell line RIN-5AH". *Diabetologia* **40** (Suppl. 1): **A88** (Abstract), 1997.
5. **Mitlianga P**, Vareli K, Papadopoulos G.K. "IL-1 and TGF- $\beta$ <sub>1</sub> affect the expression of type I and II IL-1 receptors in the rat insulinoma cell line RIN-5AH". *Exp. Clin. Endocr. Diabetes* **105**: **A44** (Abstract), 1997.
6. Gomez-Manzano C, Fueyo J, Liu T-J, **Mitlianga P**, Kouraklis G, Majumder S, Alemany R, Warmuth M, Levin VA, Kyritsis AP, Yung WKA. Gene therapy for gliomas: Is E2F-1 more effective than p53? 3<sup>rd</sup> annual meeting of the society for Neuro-Oncology, San Francisco, CA, November 1998.
7. Gomez-Manzano C, Fueyo J, **Mitlianga P**, Kyritsis AP, Levin VA, Yung WKA. Comparison of the effects of E2F-1 and p53 proteins in the apoptosis of gliomas: relevance for gene therapy strategies. *J. Neurol* (suppl) #1220, 1999.
8. Fueyo J, Gomez-Manzano C, **Mitlianga P**, Lee PSY, Yung WKA, Kyritsis AP. Delta-24 oncolytic adenovirus has anti-glioma effect in vivo. Fourth Scientific Meeting of the Society for Neuro-Oncology. Scottsdale, AZ, USA, 1999.
9. Fueyo J, Gomez-Manzano C, Alemany R, **Mitlianga P**, Lee PSY, Shi XY, Kyritsis AP, Yung WKA. Insertion of an RGD motif enhances the oncolytic effect of the D- 24 adenovirus. *Proc Annu Meet Am Assoc Cancer Res*, volume 41, PID 2466, 3-4-2000.
10. Gomez-Manzano C, **Mitlianga P**, Fueyo J, Liu TJ, Kyritsis AP, Yung WKA. Transfer of E2F-1 results in upregulation of bcl-2, p21 and p27: action-reaction? *Proc Annu Meet Am Assoc Cancer Res*, volume 41, PID 2231, 3-4-2000.
11. Gomez-Manzano C, **Mitlianga P**, Fueyo J, Liu TJ, Kyritsis AP, Yung WKA. Paradoxical upregulation of Bcl-2, p21 and p27 in glioma cells in route to E2F-1 mediated apoptosis. *Neurology* (suppl) P01.021, 2000.

12. Gomez-Manzano C, Fueyo J, Alemany R, **Mitlianga P**, Kyritsis AP, Yung WKA. Increased anti-glioma effect by adenovirus containing modification in the fiber proteins. J Neurol (suppl) #211, June 18-22, 2000.
13. Fueyo J, Gomez-Manzano C, Lemoine M, **Mitlianga P**, Yung WKA, Kyritsis AP. Induction of S phase by E2F-1, E2F-2 and E2F-4 enhances the effect of temozolamide on glioma viability. J Neurol (suppl) #210, June 18-22, 2000.
14. **Mitlianga P**, Gomez-Manzano C, Lemoine M, Hu M, Liu TJ, Levin VA, Yung WKA, Kyritsis AP, Fueyo J. E2F-2 enhances p53 anti-glioma effect. Fifth Scientific Meeting of the Society for Neuro-Oncology. Chicago, IL, USA, November 2000.
15. Lemoine M, Groves MD, Gomez-Manzano C, **Mitlianga P**, Levin VA, Kyritsis AP, Yung WKA, Fueyo J. E2F enhances temozolamide and BCNU anti-glioma effect. Fifth Scientific Meeting of the Society for Neuro-Oncology. Chicago, IL, USA, November 2000.
16. Gomez-Manzano C, **Mitlianga P**, Koul D, Lee Y-H, McDonnell TJ, Glass T, Liu TJ, Fueyo J, Yung WKA. E2F transcriptionally upregulates bcl-2. Fifth Scientific Meeting of the Society for Neuro-Oncology. Chicago, IL, USA, November 2000.
17. Gomez-Manzano C, Fueyo J, Glass TL, Hu M, Lee H-Y, **Mitlianga P**, Yung WKA. Evidence of MMAC/PTEN-mediated modulation of the angiogenesis phenotype of glioma cells. 53rd Annual Meeting of the American Academy of Neurology, Philadelphia, PA, USA, May 2001.
18. Gomez-Manzano C, Fueyo J, Glass TL, Hu M, Lee H-Y, **Mitlianga P**, Yung WKA. Treatment with MMAC/PTEN modifies the antiangiogenic phenotype of glioma cells. 37th Annual Meeting of the American Society of Clinical Oncology, San Francisco, CA, USA, May 2001.
19. **P. Mitlianga**, C. Sioka, G. Vartholomatos, A. Goussia, G. Miliaras, A.G. Pappas, K. Polizoidis, J. Fueyo, C. Gomez-Manzano, J. Rao, A.P. Kyritsis. Increased anti-glioma effect by combined delivery of a conditionally replicative adenovirus ( $\Delta$ -24) and an apoptotic agent. Neurology **60** (suppl. 1): A22-A23, 2003.
20. **P. Mitlianga**, A. Goussia, C. Sioka, G. Vartholomatos, C. Sioka, G. Miliaras, A. Pappas, J. Fueyo, C. Gomez-Manzano, K. Polizoidis, J. Rao, A.P. Kyritsis. p53 enhances conditionally replicative adenovirus delta-24 anti-glioma effect. Proc Annu Meet Am Assoc Cancer Res, volume 44, PID 2798, 8-4-2003.
21. **P. Mitlianga**, A. Goussia, C. Sioka, G. Vartholomatos, C. Sioka, G. Miliaras, J. Fueyo, C. Gomez-Manzano, K. Polizoidis, J. Rao, A.P. Kyritsis. Combined delivery of a conditionally replicative adenovirus D-24 and adenovirus p53 for glioma treatment. 2<sup>nd</sup> Joint Meeting of the German and Greek Societies of NeuroSurgery. Saarbrücken, May 25-28, 2003.
22. O.Gortzi, S.Papanikolaou, S. Lalas, M. Galiotou-Panayotou and **P. Mitliaga**. Effect of essential oil of Citrus cinensis cv new hall – Citrus aurantium (indigenous in Greece) upon growth of Yarrowia lipolytica. International Congress and 54<sup>th</sup> Annual Meeting of the Society for Medicinal Plant Research, Helsinki, Finland, 2006.

23. S. Papanikolaou, O. Gortzi, E. Margeli, N. Niklis, **P. Mitlianga** and S. Lalas. Effect of essential oil of *Citrus cinensis* cv new hall - *Citrus aurantium* upon growth of *Yarrowia lipolytica* and *Saccharomyces cerevisiae*. 5th International Congress on Food technology with the title «Consumer Protection through Food Process Improvement & Innovation in the Real World». Hellenic Association of Food Technologists (PETET). Thessaloniki, 2007.
24. Tsakiris I.N., Favas C., Tsatsakis A., Alegakis A., **Mitlianga P.**, Papathanasiou F., Niklis N. "Frequency and Severity Estimation of Pesticide Residues from Organically Cultivated Olives and Olive tree leaves in Greece, During 2008" XII International Congress of Toxicology, 19-23 July 2010, Barcelona, Spain.
25. **Mitlianga P** and Konidaris C. Biopolymer functionalization for gene delivery. A comparative study among biopolymeric and viral gene delivery agents. COST868, 2-3 September 2010, Analipsi, Crete.
26. Tsakiris, I.N., Tzatzarakis, M.N., Kokkinakis, E.N. & **Mitliangka, P.G.** (2011). Detection of aflatoxin M1A in different milk products from Greek market. 48<sup>th</sup> Congress of European Societies of Toxicology, 28-31 July 2011, Paris, France, P1281
27. E. Kasapidou, **P. Mitlianga**, E. Sossidou. Quality characteristics and oxidative stability of eggs and meat from laying hens under the family production system. 3<sup>rd</sup> Mediterranean Poultry summit of WPSA and 6<sup>th</sup> International Poultry Conference. 26 - 29 March Alexandria, 2012, Egypt.
28. E. Kasapidou, **P. Mitlianga**, I.Giannenas, L. Papaloukas, I. Kyriazakis. Dietary supplementation of organic broilers with *Melissa officinalis* L.: effect on meat quality. BSAS Annual meeting: Healthy Food from Healthy Animals, 24-25 April 2012, University of Nottingham, Britain.
29. Tsakiris I, Dionysopoulou C, Tzatzarakis M, Alegakis A, Kokkinakis M, Theodoropoulou E, **Mitlianga P**, Liesivuori J, Tsatsakis A. Monitoring organochlorine metabolites in dietary milk and estimation of hazard index values. *Toxicology Letters* 211 (suppl.): S96-S97, 2012.
30. Tsakiris I, Kokkinaki A, Tzatzarakis M, Alegakis A, Kokkinakis M, Fragkiadaki P, Vynias D, **Mitlianga P**, Tsatsakis. Dietary exposure of Greek consumers to pesticides by a nutrition based on Mediterranean diet. *Toxicology Letters* 211 (suppl.): S126, 2012
31. Kasapidou, E., Sossidou, E., Papadaki, H., Dots, V., **Mitlianga, P.** and Dots, D. (2013). Effect of grape pomace supplementation on broiler meat quality characteristics. *Advances in Animal Biosciences (Proceedings of the British Society of Animal Science)*, p 152.
32. Kasapidou, E. and **Mitlianga, P.** (2013). Sheep meat polyunsaturated fatty acids and human health in relation to recent nutritional guidelines. *Proceedings of the Nutrition Society – Scottish Section Meeting*, Edinburgh, UK. 72 (OCE2), E108.
33. Sossidou, E.N., Kasapidou, E., Dots, V., Ioannidis, I. and **Mitlianga, P.** Effect of grape pomace supplementation on broiler performance and eating quality. *Book of Abstracts of the 64th Annual Meeting of the European Association for Animal Production*, p 405.
34. Konstandinidis, K., Kasapidou, E., Govaris, A. and **Mitlianga, P.** (2013). Evaluation of the chemical composition and the nutritional quality of traditional (village) style Greek Sausages. 59<sup>th</sup> International Congress of Meat Science and Technology (session Meat, Nutrition and Health), Izmir, Turkey, 18-23 August 2013

35. Ioannis N. Tsakiris, Manolis N. Tzatzarakis, Athanasios K. Alegakis, **Paraskevi Mitlianga**, Kyriakakis Michalis, Polychronis Stivaktakis, Mathaios Kavvalakis, Vlachou Maria, Aristidis M. Tsatsakis. A preliminary assessment of dietary exposure to sulphites in Greek population through wine consumption. Eurotox 2013 49th Congress of the European Societies of Toxicology, 1–4 September 2013 Interlaken, Switzerland
36. Ioannis Zuburtikudis, Elpiniki Panayotidou, Apostolos Baklavaridis, **Paraskevi Mitlianga**, Constantinos Konidaris, Dimitris Achilias. Nanocomposites of biodegradable poly(3-hydroxy butyrate)/organomodified montmorillonite: Melt-mixing preparation and study of their biodegradation. European Congress and Exhibition on Advanced Materials and Processes. Sevilla, Spain, 8-13 September 2013.
37. Kasapidou E, Sossidou E, **Mitlianga P**. From food to feed: Food industry co-products in animal nutrition as functional feed ingredients for enhanced meat quality. *Advances in Animal Biosciences. Science into Practice: planning for intensification* 5 (1): 169
38. Kasapidou, E, Sossidou, E and **Mitlianga, P**. (2014). Fruit and vegetable processing by-/co-products: Can they be used as functional feed ingredients in animal nutrition to produce novel value-added products? 3rd International ISEKI Food Conference “Food Science and Technology Excellence for a Sustainable Bioeconomy” 21-23 May 2014 Athens, Greece
39. Koidou M, Sossidou EN, Dotas VD, Samouris G, Ioannidou M, Kasapidou E, **Mitliaga P**, Dotas D. The effect of dietary grape pomace supplementation on performance and egg quality traits of laying hens XIVth European Poultry Conference, Stavanger, Norway 23-27 June 2014
40. Kasapidou E, Mitlianga P, Papadaki C, Sossidou EN. Fat and cholesterol content of meat from laying hens reared under the family production system. *World’s Poultry Science Journal* 70 (Suppl):30, 2014
41. Tsakiris I, Tzatzarakis M, Alegakis A, **Mitlianga P**, Kavvalakis M, Vakonaki E, Goumenou M, Stivaktakis P, Tsatsakis A. Monitoring of pesticides residues in Greek bottled wine. *Toxicology Letters* 229 (suppl): S184, 2014
42. Kasapidou E, **Mitlianga P.**, Sossidou E, (2014). Agri-food co-products as alternative dietary supplements and farm animal product quality: opportunities, limitations and research gaps. *Abstract Book p12 AND Proceedings Book p 31-37* of the XVI International Symposium “Feed Technology”
43. V. Greveniotis, E. Bouloumpasi, V.A. Fasoula, **P. Mitlianga** (2015). Physicochemical analysis and color characteristics of superior open-pollinated maize lines evaluated in two contrasting environments. II. International Plant Breeding Congress & EUCARPIA – Oil and protein crops section Conference, 01-05 November 2015, Antalya, Turkey.
44. Kasapidou E, Sitalidis P, **Mitlianga P.**, Arsenos G. (2015). Shelf life characteristics of meat from indigenous and foreign breeds of dairy ewes in Greece. *Advances in Biosciences* 6: 132.
45. V. Greveniotis, V. Giourieva, E. Bouloumpasi, E. Sioki, **P. Mitliagka**. Molecular markers of maize crosses under multi-location evaluation. *2nd INTERNATIONAL BALKAN AGRICULTURE CONGRESS, 16-18 May 2017.*

46. E. Bouloumpasi, N. Kalandadze, V. Greveniotis, E. Sioki, **P. Mitliagka**. Definition of cotton seed quality parameters under multi-location evaluation. *2nd INTERNATIONAL BALKAN AGRICULTURE CONGRESS, 16-18 May 2017*.
47. Tzemou M., Parasoglou V.-K., Ioannidou T., Papadopoulos V., **Mitlianga P.** and Kasapidou E. (2017). Prediction of chemical composition of Greek traditional sausages by Near-Infrared Reflectance spectroscopy. Book of Proceedings of International Measurement Confederation TC23 Metrology in Food and Nutrition, Thessaloniki, Greece, p. 278-281.
48. Elisavet Bouloumpasi, Vasileios Greveniotis, Crysovalantou-Andriana Koutsouki, Natia Kaladadze, **Paraskevi Mitlianga**. Evaluation of two cotton commercial cultivars seed quality parameters under multi-location assessment. IX International Scientific Agriculture Symposium "Agrosym 2018"
49. Elisavet Bouloumpasi, Ilias Doumanis Vasileios Greveniotis, **Paraskevi Mitlianga**. Quality characteristics of commercially available soybean meal samples from greek market. IX International Scientific Agriculture Symposium "Agrosym 2018"
50. Elisavet Bouloumpasi, Theoharis Konstantaras, Kiriazis Siralis, Fotios Karavanas, Sofia-Eleni Skempi, **Paraskevi Mitlianga** (2019). Physicochemical and Microbiological Quality Parameters of Commercial Samples of cv.Chondrolia Chalkidikis Green Olives Produced in Small Enterprises and Cottage Industries, 10th International Scientific Agriculture Symposium "AGROSYM 2019" Jahorina (Bosnia and Herzegovina), 3-6 October 2019, Abstract book p. 366
51. Charikleia Papadaki, Stavroula Giangou, Ioannis Tsakiris, **Paraskevi Mitlianga**. Study on the antioxidant and antimicrobial activity of Lavender (*Lavandula Angustifolia*) beverages. 29<sup>th</sup> World Conference on **FOOD AND BEVERAGES 2020**.
52. Charikleia Papadaki, Kleoniki Kesidou, Stergianni Dalamitra, **Paraskevi Mitlianga**. Preliminary report on antioxidant activity of spices commercialized in north Greece. 29th World Conference on **FOOD AND BEVERAGES 2020**.
53. Stergiani Dalamitra, Kleoniki kesidou, Charikleia Papadaki, **Paraskevi Mitlianga**. Microbiological quality assessment of nine selected spices in North Greece and Thrace. 24th International Conference on **Food Technology & Processing 2020**
54. Amanatidis, M; Karatzia, M-A; Basdagianni, Z; **Mitliagka, P**; Kasapidou, E. Semi-extensive goat farming systems in the mountainous region of Western Macedonia – sustainability goals amidst a changing territory. International Mountain Conference 2022, September 11 – 15 2022, Innsbruck, Austria.
55. Eleni Kasapidou, Vasileios Papadopoulos, Georgios Papatzimos, Theodoros Bakolas, Vasileios Papaioannou, Ioannis Georginis, Stamatoula Kotsidou, **Paraskevi Mitlianga**. Assessment of the nutrient content in selected processed meat products for compliance with the declared nutrient content. 68th International Congress of Meat Science and Technology, August 22-25, 2022, Kobe, Japan
56. Georgios Papatzimos, Vasileios Papadopoulos, Theodoros Bakolas, Vasileios Papaioannou, Ioannis Georginis, Stamatoula Kotsidou, **Paraskevi Mitlianga**, Eleni Kasapidou. Comparison of the declared

and analysed nutritional composition between branded and private-label meat products sold in Greek supermarkets. 68th International Congress of Meat Science and Technology, August 22-25, 2022, Kobe, Japan.

57. A. Keramaris, T. Savvidis, E. Kasapidou, **P. Mitlianga**. Furniko Flour: An Emblematic Traditional Food of Greek Pontic Cuisine. ICTFTCP 2022: XVI. International Conference on Traditional Foods and Traditional Cooking Procedures, October 13-14, Rome, Italy.
58. Achillefs Keramaris, Eleni Kasapidou, **Paraskevi Mitlianga**. The sense of an inimitable traditional dish in Pontic Greek cuisine — tanomenon sorva. 12<sup>th</sup> International Conference in Food Studies, 23-24 October 2022, New York, USA.

## NATIONAL

1. **Mitlianga P**, Kneteman NM, Rajotte RV, Papadopoulos GK. "Glutamic acid decarboxylase in the sera of pancreatectomized diabetic dogs transplanted with islets of Langerhans". Hellenic Biochemical and Biophysical Society Meeting, May 10-11, 1996, Patras, Greece.
2. Vartholomatos G, Giotopoulou S, **Mitlianga P**, Dokou E., Kolaitis N. Methods for apoptosis determination. 2<sup>nd</sup> Panhellenic Symposium on Cytometry, Rhodes, Greece, 2002.
3. P. Mitlianga, Vareli A, Konidaris K, Papadopoulos GK. Interleukin 1 and transforming growth factor (TGF)- $\beta$ 1 affect the expression of IL-1R, TGF $\beta$ R, ICAM-1 and FAS receptors on rat insulinoma cell line RIN-5AH. 8<sup>th</sup> Panhellenic Congress on Diabetes, Kavouri, Athens, Greece, 2003.
4. A. Goussia, **P. Mitlianga**, G. Vartholomatos, G. Miliaras, Ch, Sioka, A. Pappas, K. Polizoidis, D. Stefanou, N.. Agnanti, AP Kyritsis. Amplification of the oncolytic effect by the combined delivery of a conditionally replicative adenovirus D-24 and adenovirus p53 for glioma treatment 5<sup>th</sup> Greek Meeting on Cancer Markers and targeted therapy, Athens, November 26-27, 2004.
5. E. Panayiotidou, J. Zoubourtikoudis, **P. Mitliagka**, K. Konidaris, K. Giannakis, B. Boudiukos, D. Achilias. Biodegradation of poly(3-hydroxy-butyrates) nanocomposites with a montmorillonite. 8<sup>th</sup> Greek Scientific Congress of Chemical Engineering, 26-28 May 2011, Thessaloniki.
6. Kasapidou E. **Mitliagka P**, Bounta M., Papadopoulos A., Giannenas I., Kyriazakis I. The effect of *Melissa officinalis* L used on the diet of organic broilers on meat production and its oxidative stability. 26<sup>th</sup> Annual Meeting of the Greek Veterinary Society, Chalkida 12-14 October 2011.
7. E. Panayiotidou, **P. Mitliagka**, K. Konidaris, Ap. Baklavaris, J. Zoubourtikoudis, D.S. Achilias. Poly (3-polyhydroxy-butyrates) nanocomposite materials with organic modified montmorillonite: preparation and study of their biodegradation. 21<sup>st</sup> Greek Chemistry Congress, 9-12 December 2011, Thessaloniki.
8. Kasapidou, E., Sitalidis, P., **Mitlianga, P.** and Arsenos, G. (2015). Effect of genotype on sheep meat shelf life. Proceedings of the Hellenic Congress for Meat and Meat Products, Thessaloniki, Greece. p 214-220 (in Greek).
9. Konstantinidis, K., Chatzitheodoridis, F., **Mitlianga, P.**, Govaris, A. and Kasapidou, E. (2015). Quality characteristics of village style sausages produced in butcher shops in the city of Thessaloniki.

- Proceedings of the Hellenic Congress for Meat and Meat Products, Thessaloniki, Greece. p 300-306 (in Greek).
10. Konstandinidis , K., Kasapidou, E., **Mitlianga , P.** and Chatzitheodoridis, F., (2015). The picture of traditional sausage market in an urban environment in Greece: The case of the city of Thessaloniki. Proceedings of the Hellenic Congress for Meat and Meat Products, Thessaloniki, Greece. p 307- 309 (in Greek).

## RESEARCH IMPACT

**Scopus** (database access: 29-1-2023) quotations: 994, h-index : 11

**Google Scholar** (database access: 29-1-2023) quotations: 1492, h-index: 15, i10-index: 17