

CURRICULUM VITAE

IOANNIS POLITIS

PROFESSOR OF NUTRITIONAL AND LACTATION PHYSIOLOGY

**DEPARTMENT OF ANIMAL SCIENCE
AGRICULTURAL UNIVERSITY OF ATHENS**

ATHENS

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PERSONAL INFORMATION

Date of birth January 27th, 1959
Place of birth Sparta, Greece

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EDUCATION

1990 Ph.D. McGill University (Department of Animal Science)
1987 M.Sc. McGill University (Department of Animal Science)
1981 B. Sc. Agricultural University of Athens

EMPLOYMENT

2015-2018 Associate Dean of the School of Agricultural Production and Environmental Studies, Agricultural Univ. of Athens

2013-2015 Associate Dean of the School of Agricultural Production and Environmental Studies, Agricultural Univ. of Athens

2011-2015 Head of the Dep. of Animal Science, Agricultural Univ. of Athens
2010-2011 Associate Chair, Dep. of Animal Science, Agricultural Univ. of Athens
2009-now Professor (Nutritional-Lactation Physiology)-Agricultural Univ. of Athens
2001-2009 Associate Professor (Nutritional Physiology)-Agricultural Univ. of Athens
2001-2009 R&D Co-ordinator (Part-time), Delta Dairy SA, Greece
1996-2000 R&D Director, Delta Dairy SA, Greece
1993-1996 Assistant Professor (Animal and Food Sciences) Univ. of Vermont, USA
1990-1993 Research Associate – Adjunct faculty (Department of Animal and Food Sciences) Cornell Univ., USA
1990-1991 Research Associate (Department of Animal and Poultry Sciences, Univ. of Guelph, Canada)

AWARDS

2008 Distinguished Dairy Researcher, Global Dairy Congress
1996 Young Scientist, American Dairy Science Association (ADSA)

RESEARCH

The main emphasis of my research effort is in the area of lactation physiology and in relationships between nutrients and immune function. Lately, I have developed an interest in biologically active peptides with emphasis on those with anti-hypertensive and immunoregulatory properties.

Citation count of my published work ranges from 2200 with an h-index of 26 (source Web of Science) to 3950 with an h-index of 34 (source Google Scholar).

REFEREED FULL-LENGTH PUBLICATIONS

1. Tsevdou M, Theodorou G, Pantelaiou S, Chatzigeorgiou A, **Politis I**, Taoukis P. 2020. Impact of Type and Enzymatic/High Pressure Treatment of Milk on the Quality and Bio-Functional Profile of Yoghurt. *Foods*. 9(1). pii: E49. doi: 10.3390/foods9010049.
2. Zoidou E., Theodorou S., Moschopoulou E., Sakkas L., Theodorou G., Chatzigeorgiou A., **Politis I.**, Moatsou G. 2019. Set-style yoghurts made from goat milk bases fortified with whey protein concentrates. *Journal of Dairy Research*. 86(3):361-367. doi: 10.1017/S0022029919000499.
3. Stefanos G.C., Theodorou G., **Politis I.** 2019. DNA G-quadruplexes: functional significance in plant and farm animal science. *Animal Biotechnology*. doi: 10.1080/10495398.2019.1679823.
4. Moschopoulou E., Sakkas L., Zoidou E., Theodorou G., Sgouridou E., Kalathaki C. Liarakou A., Chatzigeorgiou A., **Politis I.** and G. Moatsou. 2018. Effect of milk kind and storage on the biochemical, textural and biofunctional characteristics of set-type yoghurt. *International Dairy Journal*. 77:47-55.
5. Koutsouli P., Simitzis P., Theodorou G., Massouras Th., Bizelis I and **Politis I.** 2017. The effect of milking frequency reduction from twice to once daily on mammary physiology and animal welfare of two dairy Greek sheep breeds. *Small Ruminant Research*. 147:18-24.
6. Theodorou G. and **I. Politis.** 2016. Leucocyte expression of genes implicated in the plasminogen activation cascade is modulated by yoghurt peptides. *Journal of Dairy Research* 83:360-365.
7. Pilotto A., Savoini G., Baldi A., Invernizzi G., De Vecchi C., Theodorou G., Koutsouli P. and **I. Politis.** 2016. Short communication: Associations between blood fatty acids, β -hydroxybutyrate and α -tocopherol in the periparturient period in dairy cows: an observational study. *Journal of Dairy Science* 99:8121-8126.
8. **Politis I** and Theodorou G. 2016. Angiotensin I-converting (ACE)-inhibitory and anti-inflammatory properties of commercially available Greek yoghurt made from bovine or ovine milk: A comparative study. *International Dairy Journal* (doi:10.1016/j.idairyj.2016.01.003).
9. Theodorou G and **Politis I.** 2016. Effects of peptides derived from traditional Greek yoghurt on expression of pro- and anti-inflammatory genes by ovine monocytes and neutrophils. *Food and Agricultural Immunology* (doi:10.1080/09540105.2015. 1129598).

10. Charismiadou M, Karla G, Theodorou G, Goliomytis M and **Politis I.** 2015. The effect of health status of the udder on plasminogen activator activity of milk somatic cells in ovine milk. *Small Ruminant Research* 133: 54–57.
11. Koutsouli P, Patounas G, Massouras T, Bizelis I, and **Politis I.** 2015. Plasmin-plasminogen system and milk coagulation properties of two Greek dairy sheep breeds. *Small Ruminant Research* 125:89-94.
12. Theodorou G, Papadomichelakis G., Tsiplakou E., Zervas G. and **Politis I.** 2015. Effects of soyabean meal- or whey-based diets on lipid metabolism in weaned piglets *Journal of Animal Physiology and Animal Nutrition* 99: 92-99.
13. Simitzis, P.E., S Karastamatis, P Koutsouli, I.A. Bizelis and **I. Politis.** 2015. Effect of yoghurt serum powder dietary supplementation on growth performance and antioxidant status in fattening lambs. *International Journal of Health, Animal Science and Food Safety* 2 (1):1-8.
14. Simitzis, P.E., G Papadomichelakis, E Tsiplakou, G Theodorou, G Zervas and **I. Politis.** 2014. Effect of dietary protein source on piglet meat quality characteristics. *International Journal of Health, Animal Science and Food Safety* 1(1):15-26.
15. Theodorou, G., G Papadomichelakis, E Tsiplakou, R Chronopoulou, G. Zervas and **I. Politis.** 2014. Association of dietary soy with expression of various pro-inflammatory genes in porcine phagocytes. *International Journal of Health, Animal Science and Food Safety* 1 (1):1-8.
16. **Politis I.,** G. Theodorou, A.D. Lampidonis, A. Kominakis and A. Baldi. 2012. Short communication: Oxidative status and incidence of mastitis relative to blood α -tocopherol concentrations in the postpartum period in dairy cows. *Journal of Dairy Science* 95:7331-7335.
17. **Politis I.** 2012. Reevaluation of vitamin E supplementation of dairy cows: Bioavailability, animal health and milk quality. *Animal.* 6(9):1427-1434.
18. **Politis I,** Theodorou G, Lampidonis AD, Chronopoulou R, Baldi A. 2011. Soya protein hydrolysates modify the expression of various pro-inflammatory genes induced by fatty acids in ovine phagocytes. *British Journal of Nutrition.* 15:1-10.
19. Lampidonis AD, G. Theodorou, C. Pecorini, R. Rebucci, A. Baldi and **I. Politis.** 2011. Cloning of the 5' regulatory regions and functional characterization of the core promoters of ovine PLAU (u-PA) and SERPIN1 (PAI-1). *Gene.* 489(1):11-20.
20. Theodorou G., A.D. Lampidonis, G.P. Laliotis, I. Bizelis and **I. Politis.** 2010. Expression of plasminogen activator - related genes in the adipose tissue of lactating dairy sheep in the early post-weaning period. *Journal of Animal Physiology and Animal Nutrition.* 96(3):403-7.
21. Theodorou G., C. Pecorini, R. Rebucci, F. Saccone, C. Lecchi, **I. Politis** and A. Baldi. 2011. Effect of growth factors and lactogenic hormones on expression of plasminogen activator-related genes and cell proliferation in a bovine mammary epithelial cell line. *Journal of Dairy Research.* 78:365-372.
22. **Politis I.** 2011. Soyfoods and the metabolic syndrome. Book chapter in “Discover the world of soy – impact on health”. Published by ALPRO Comm, VA Science and Nutrition Department, Belgium.
23. Theodorou G., I. Bizelis, E. Rogdakis and **I. Politis.** 2010. The ovine urokinase plasminogen activator inhibitor 1 and 2 cDNAs: Molecular cloning, characterization and expression in various tissues. *Gene* 2010 454:20-30.

24. Theodorou G., M. Daskalopoulou, R. Chronopoulou, A. Baldi, V. Dell'Orto and **I. Politis**. 2010. Acute mastitis induces upregulation of expression of plasminogen activator-related genes by blood monocytes and neutrophils in dairy cows. *Veterinary Immunology Immunopathology* 138:124-128.
25. Bakopanos C., G. Moatsou, I. Kandarakis, P. Taoukis and **I. Politis**. 2010. Effect of high pressure treatment at various temperatures on the rennet clotting behavior of bovine and ovine milk. *Milchwissenschaft-Milk Science International* 65:266-269.
26. Theodorou G., I. Bizelis, E. Rogdakis and **I. Politis**. 2009. The ovine urokinase plasminogen activator and its receptor cDNAs: Molecular cloning, characterization and expression in various tissues. *Gene* 443:158-169.
27. Moatsou G., C. Bakopanos, D. Katharios, G. Katsaros, I. Kandarakis, P. Taoukis and **I. Politis**. 2008. Effect of high-pressure treatment at various temperatures on activity of indigenous proteolytic enzymes and denaturation of whey proteins in bovine milk. *Journal of Dairy Research* 75:262-269.
28. Moatsou G., G. Katsaros, C. Bakopanos, I. Kandarakis, P. Taoukis and **I. Politis**. 2008. Effect of high-pressure treatment at various temperatures on activity of indigenous proteolytic enzymes and denaturation of whey proteins in ovine milk. *International Dairy Journal* 18:1119-25.
29. Theodorou G., S. Fragou, R. Chronopoulou, A. Kominakis, E. Rogdakis **I. Politis**. 2007. Short communication: study of immune parameters in three Greek dairy sheep breeds during the periparturient period. *Journal of Dairy Science* 90:5567-71.
30. **Politis, I.** and R. Chronopoulou. 2007. Milk peptides and immune response in the neonate. Book Chapter in "Bioactive components in milk" published in the frame of the "Advances in Experimental Medicine and Biology Series" published by Springer, Germany.
31. Theodorou G., A. Kominakis, E. Rogdakis **I. Politis**. 2007. Factors affecting the plasmin-plasminogen system in milk obtained from three Greek dairy sheep breeds with major differences in milk production capacity. *Journal of Dairy Science* 90:3263-9.
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33. Chronopoulou, R., E. Xylouri, K. Fegeros and **I. Politis**. 2006. The effect of two bovine β -casein peptides on various functional properties of porcine macrophages and neutrophils: Differential roles of protein kinase A and exchance protein directly activated by cAMP-1. *British Journal of Nutrition* 96:553-561.
34. **Politis, I.** and S. Fragou. 2006. Vitamin E and its effects on macrophages and neutrophils. Book chapter in "The Encyclopedia of Vitamin E" CABI Publishing, Oxfordshire, UK.
35. **Politis, I.**, K. Fegeros, S. Nitsch, G. Schatzmayr and D. Kantas. 2005. Use of Trichosporon mycotoxinivorans to suppress the effects of ochratoxicosis on the immune system of broiler chicks. *British Poultry Science* 46:58-65.
36. Baldi, A., **I. Politis**, C. Pecorini, E. Fusi, R. Chronopoulou and V. Dell'Orto. 2005. Biological effects of milk proteins and their peptides with emphasis on those related to the gastrointestinal ecosystem. *Journal of Dairy Research* 72:66-72 (INVITED PAPER)
37. Kapsokefalou M., I. Alexandropoylou, M. Komaitis and **I. Politis**. 2005. In vitro evaluation of iron solubility and dialyzability of various iron fortificants and of iron-fortified milk

products targeted for infants and toddlers. *International Journal of Food Sciences and Nutrition* 56:293-302.

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39. Baldi, A., M.N. Losio, F. Cheli, R. Rebucci, L. Sangalli, E. Fusi, B. Bertasi, E. Pavoni, S. Carliand and **I. Politis**. 2004. Evaluation of the protective effects of a-tocopherol and retinol against ochratoxin A cytotoxicity. *British Journal of Nutrition* 91:1-7.
40. Hadjigeorgiou I. and **I. Politis**. 2004. Seasonal variation in non-specific immunity in relation to management and feeding practices in a semi-extensive dairy sheep farm in Greece. *Small Ruminant Research* 53:53-60.
41. **Politis, I.**, I. Bizelis, A. Tsiaras and A. Baldi. 2004. Effect of vitamin E supplementation on neutrophil function, milk composition and plasmin activity in dairy cows in a commercial herd. *Journal of Dairy Research* 71:273-278.
42. Cheli, F., **I. Politis**, L. Rosi, E. Fusi and A. Baldi. 2003. The effect of retinoids on proliferation and plasminogen activator expression in a bovine mammary epithelial cell line. *Journal of Dairy Research* 70:367-372.
43. **Politis, I.**, M. Dimopoulou, A. Voudouri, P. Noikokyris and K. Fegeros. 2003. Effects of dietary conjugated linoleic acid isomers on several functional properties of macrophages and heterophils in laying hens. *British Poultry Science* 44:203-210.
44. **Politis, I.**, A. Voudouri, I. Bizelis and G. Zervas. 2003. The effect of various vitamin E derivatives on the urokinase-plasminogen activator system of ovine macrophages and neutrophils. *British Journal of Nutrition* 89:259-265.
45. **Politis, I.**, B. Zavizion, F. Cheli and A. Baldi. 2002. Expression of urokinase plasminogen activator in resting and activated bovine neutrophils. *Journal of Dairy Research* 69:195-204.
46. Pinotti, L., A. Baldi, **I. Politis** and R. Rebucci. 2002. Rumen-protected choline administration to transition cows: Effects on milk production and vitamin E status. *Journal of Veterinary Medicine A* 49:1-5.
47. **Politis, I.**, I. Bizelis and E. Rogdakis. 2002. The urokinase-plasminogen activator system in ovine macrophages and neutrophils. *Small Ruminant Research* 44:17-23.
48. Cheli, F., A. Baldi, V. Dell'Orto, B. Zavizion and **I. Politis**. 2001. Pattern of protein production by mammary epithelial cells cultured on membrane inserts. *Canadian Journal of Animal Science* 81: 285-287.
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54. Fantuz, F., A. Baldi, V. Dell'Orto, F. Polidori, C.S. Rossi, **I. Politis** and C.W. Heegard. 1998. Distribution of plasminogen activator forms in different fractions of buffalo milk. *Journal of Dairy Science* 65:521-527.
55. Savoini, G., F. Cheli, V. Bontempo, A. Baldi, F. Fantuz, **I. Politis** and V. Dell'Orto. 1998. Effect of chromium yeast supplementation on performance, reproduction and immune function in pigs. *Annales de Zootechnie* 47:1-6.
56. Zavizion, B., A.J. Bramley and **I. Politis**. 1997. Cell cycle regulation of mammary epithelial cell detachment by *Staphylococcus aureus*. *Journal of Dairy Research* 63:543-553.
57. Bunduki, M.M.C., B. Zavizion, **I. Politis** and C.W. Donnelly. 1996. Virulence of culture filtrates from heat-injured and repaired *Listeria* strains: Assay on bovine mammary epithelial (MAC-T) cells. *Journal of Food Protection* 59:932-937.
58. Baldi, A., G. Savoini, F. Cheli, F. Fantuz, E. Senatore, L. Bertocchi and **I. Politis**. 1996. Changes in plasmin-plasminogen-plasminogen activator system in milk from Italian Friesian herds. *International Dairy Journal* 6:1045-1053.
59. **Politis, I.** 1996. Plasminogen activator system: Implications for mammary cell growth and involution. *Journal of Dairy Science* 79:1097-1107. (INVITED PAPER).
60. Zavizion, B., C.W. Heegard, J. White, F. Cheli and **I. Politis**. 1996. Synthesis of plasminogen activator inhibitor 1 by bovine mammary epithelial and myoepithelial cell lines. *Journal of Dairy Science* 63:451-458.
61. Zavizion, B., M. van Duffelen, W. Schaeffer and **I. Politis**. 1996. Use of microinjection to generate an immortalized bovine mammary cell line with both epithelial and myoepithelial characteristics. *Methods in Cell Science* 17:271-282.
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63. Zavizion, B., M. van Duffelen, W. Schaeffer and **I. Politis**. 1996. Establishment and characterization of a bovine mammary epithelial cell line with unique properties. *In Vitro Cellular and Developmental Biology* 32:138-148.
64. **Politis, I.**, N. Hidioglou, J.H. White, J.A. Gilmore, S.N. Williams, H. Scherf and M. Frigg. 1996. Effects of vitamin E on mammary and blood leukocyte function, with emphasis on chemotaxis, in periparturient dairy cows. *American Journal of Veterinary Research* 57:468-472.
65. **Politis, I.** 1996. Effects of milk peptides on the immune system of dairy cows. Pages 309-314 in: *Reproduction and Animal Breeding: Advances and Strategy*, Elsevier Science, Amsterdam.
66. Zavizion, B., G. Gorewit and **I. Politis**. 1995. Subcloning of the MAC-T bovine mammary epithelial cell line: Morphology, growth properties and cytogenetic analysis. *Journal of Dairy Science*. 78:515-527.
67. **Politis, I.**, F. Fantuz and A. Baldi. 1995. Identification of mammary-derived growth inhibitor in sheep mammary tissue. *Small Ruminant Research* 18:151-155.

68. Cheli, F., **I. Politis**, B. Zavizion, M.D. Hannigan, V. Dell'Orto. 1995. Bovine mammary epithelial cells in primary culture: an in vitro model for studying hormonal regulation of casein synthesis. *Zootecnica e Nutrizione Animale* 21:251-257.
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**PRESENTATIONS IN NATIONAL AND INTERNATIONAL SCIENTIFIC MEETINGS
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1. Theodorou G, Tsiplakou E, Papadomichelakis G, **Politis I**, Christodoulou V, Zervas G. Effect of artificial rearing on fatty acid metabolism and adipogenesis in lambs. EAAP Annual Meeting, Belfast, 2016.
2. Tsevdou M., Theodorou G., Markantoni M., Giannoglou M., Platakou E., Hatzigeorgiou A., Politis I., Taoukis P. The Effect of Milk Origin, Composition and Enzymatic/High Pressure Processes on the Anti- hypertensive and Immunomodulatory Properties of Yoghurt. International Conference on Nutraceuticals and Functional Foods. 7-9 July 2016. Kalamata, Greece.
3. Tsevdou M., Pantelaiou S., Theodorou G., Markantoni M., Giannoglou M., Platakou E., Hatzigeorgiou A., **Politis I.**, Taoukis P. The Impact of Milk Origin, Composition and Enzymatic/High Pressure Processes to the Quality and Bio-functional Properties of Acid Gels. 29th EFFoST International Conference, Food Science Research and Innovation: Delivering sustainable solutions to the global economy and society, Athens, Greece, November 10-12, 2015.
4. Theodorou G, Bizelis I., **Politis I.** Angiotensin I-converting (ACE)-inhibitory and/or anti-inflammatory effects in commercially available Greek yoghurt made from bovine or ovine milk. IDF 7th International Symposium on Sheep, Goat and other non-Cow Milk. Limassol, Cyprus, March 2015.
5. Θεοδώρου Γ., Μπιζέλης Ι., **Πολίτης Ι.** Ανοσορυθμιστικές ιδιότητες πεπτιδίων βόειου και πρόβειου γάλακτος. 29ο Ετήσιο Συνέδριο της Ελληνικής Ζωοτεχνικής Εταιρείας. Κυπαρισσία, Ελλάδα, Οκτ 2014.
6. Θεοδώρου Γ., Rebucci R., Μπιζέλης Ι., Baldi, A., **Πολίτης Ι.** Ο ρόλος του συστήματος του ενεργοποιητή του πλασμινογόνου στη διαφοροποίηση λιποκυττάρων. 29ο Ετήσιο Συνέδριο της Ελληνικής Ζωοτεχνικής Εταιρείας. Κυπαρισσία, Ελλάδα, Οκτ 2014.
7. Χαρισσιάδου, Μ., Κάρλα, Γ., Θεοδώρου, Γ., Κουτσούλη, Π., **Πολίτης Ι.** Επίδραση της υγιεινής κατάστασης του μαστού στο σύστημα ενεργοποίησης του πλασμινογόνου στα σωματικά κύτταρα του γάλακτος των προβατινών. 29ο Ετήσιο Συνέδριο της Ελληνικής Ζωοτεχνικής Εταιρείας. Κυπαρισσία, Ελλάδα, 1 - 3 Οκτ 2014.
8. **Πολίτης Ι.** Ο αντιφλεγμονώδης ρόλος της σόγιας. Ημερίδα «Σόγια και Υγεία», Ωνάσειο Αθήνα, 2012.
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11. **Πολίτης Ι.** Αλληλεπιδράσεις μεταξύ λιπώδους ιστού και ανοσολογικού συστήματος: ο ρόλος των λιπαρών οξέων. Ετήσιο Επιστημονικό Συνέδριο της Ελληνικής Ζωοτεχνικής Εταιρείας, Χαλκίδα, 2011.

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83. **Politis I.**, D.M. Barbano and R.C. Gorewit. Changes in plasminogen activator in different physiological states of the gland. American Dairy Science Association, Columbus, Ohio, June, 1992.

84. Zachos T., **I. Politis**, D.M. Barbano and R.C. Gorewit. Plasminogen activator activity in milk somatic cells during mastitis. American Dairy Science Association, Columbus, Ohio, June, 1992.
85. Zavizion B., **I. Politis** and R.C. Gorewit. Purification, characterization and culture of bovine mammary myoepithelial cells. American Dairy Science Association, Columbus, Ohio, June, 1992.
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87. **Politis I.**, B. Zavizion, D.M. Barbano and R.C. Gorewit. Plasminogen activator activity in cultured mammary epithelial cells. American Society of Animal Science, Columbus, Ohio, August, 1992.
88. **Politis I.**, D. Aneshansley and R.C. Gorewit. Effects of magnetic fields on interleukin 1 production by bovine blood monocytes. American Society of Animal Science, Columbus, Ohio, August, 1992.
89. **Politis I.**, R.C. Gorewit and R. Grosse. Expression of mammary-derived growth inhibitor in bovine mammary tissue of different physiological states. American Dairy Science Association, Logan, Utah, August, 1991.
90. **Politis I.**, R.C. Gorewit and D.M. Barbano. Localization of plasminogen and plasmin in fractions of bovine milk. American Dairy Science Association, Logan, Utah, August, 1991.
91. **Politis I.**, X. Zhao, B.W. McBride and J.H. Burton. Modulation of class II major histocompatibility antigen expression by common mastitic pathogens. International Dairy Congress, Montreal, October, 1990.
92. **Politis I.**, X. Zhao, B.W. McBride and J.H. Burton. Lipopolysaccharide affects the expression of MHC class II antigens by bovine monocytes in a T-cell independent manner. International Dairy Congress, Montreal, October, 1990.
93. Zhao X., **I. Politis**, B.W. McBride, J.D. Turner, H.T. Hung and J.H. Burton. Characterization of insulin-like growth factor I receptors in cultured bovine mammary epithelial cells. International Dairy Congress, Montreal, October, 1990.
94. **Politis I.**, B.W. McBride, J.H. Burton and J.D. Turner. Limited secretion of interleukin 1 by bovine macrophages. American Dairy Science Association, Raleigh, NC, June, 1990.
95. **Politis I.**, B.W. McBride, J.H. Burton and X. Zhao. Secreted and cell-membrane interleukin 1 forms in bovine milk macrophages: modulation during mastitis. Scandinavian Society for Immunology, Stockholm, June, 1990.
96. **Politis I.**, M. Denis, C. Chadee and J.D. Turner. Urokinase-plasminogen activator gene expression by bovine macrophages during bovine mastitis. American Dairy Science Association Meeting, Lexington, Kentucky, August, 1989.
97. **Politis I.**, A. Srikandakumar, J.D. Turner, B.K. Tsang, L. Ainsworth and B.R. Downey. The role of plasminogen activator during the process of ovulation in gilts. Society for Study of Reproduction, St Louis, Missouri, August, 1989.
98. **Politis I.**, A. Srikandakumar, J.D. Turner, B.K. Tsang, L. Ainsworth and B.R. Downey. Identification and primary characterization of a plasminogen activator inhibitor present in porcine follicles. American Society of Animal Science Meeting, Lexington, Kentucky, August, 1989.

99. **Politis I.** and K.F. Ng Kwai Hang. The influence of somatic cell count on coagulating properties of milk and cheesemaking. Journées de Recherche en Zootechnie, Saint Hyacinthe, Quebec, May, 1989.
100. **Politis I.** and K.F. Ng Kwai Hang. Effect of environmental factors on the levels of plasmin in milk. Journées de Recherche en Zootechnie, Saint Hyacinthe, Quebec, May, 1989.
101. **Politis I.** and K.F. Ng Kwai Hang. Correlation between formographic parameters and cheese yield and cheese composition. Journées de Recherche en Zootechnie, Saint Hyacinthe, Quebec, May, 1989.
102. **Politis I.,** A. Srikandakumar, J.D. Turner, B.K. Tsang, L. Ainsworth and B.R. Downey. Plasminogen activators and the process of ovulation in gilts. Reproduction and Biology Workshop, Ottawa, May, 1989.
103. **Politis I.,** M. Denis, C. Chadee and J.D. Turner. Effect of mastitis on plasminogen activator and interleukin 1 production by bovine macrophages. Journées de Recherche en Zootechnie, Saint Hyacinthe, Quebec, May, 1989.

SELECTED INVITED SPEECHES

1. **I. Politis** and Theodorou G. Lipid mobilization, immune system and vitamin E in transition cows: an old story revisited. EAAP Annual Meeting, Belfast, 2016.
2. **Politis I.** Associations between adipose tissue and immune system: the role of fatty acids Annual meeting of the Greek Zootechnical Society, Chalkida, Greece, 2011.
3. **Politis, I.** Biologically-active peptides from bovine milk and their effect on human health. EAAP Annual Meeting, Heraklion, 2010.
4. Theodorou G. and **I. Politis.** Effect of bioactive milk peptides from bovine milk on activation of T-cells at different stages of immune system maturation. 2nd International Feed for Health International Conference, Tromsø, 2010.
5. **Politis I.** Effect of milk peptides on the immune system with emphasis on gastro-intestinal immune response. EAAP Annual Meeting, Rome, 2003.
6. **Politis I.** Vitamin E and animal health. Satellite Symposium organized by Roche Vitamins at the XXII World Buiatric Congress, Hannover, August, 2002.
7. **Politis I.** Plasminogen activator system: Implications for mammary cell growth and involution. American Dairy Science Association, Ithaca, New York, June, 1995.
8. Zavizion B. and **I. Politis.** Mammary epithelial and myoepithelial cell interactions. Mastitis Research Workers Conference, Chicago IL., USA, 1993.
9. Zhao X., **I. Politis,** B.W. McBride and J.H. Burton. Modulation of bovine macrophage major histocompatibility complex class II expression by lipopolysaccharide. Canadian Society of Animal Science, Penticton, British Columbia, July, 1990.
10. **Politis I.,** L. Wang, J.D. Turner and B.K. Tsang. Changes in tissue-type plasminogen activator like and plasminogen activator inhibitor activities during follicular maturation in the domestic hen. Annual Ottawa Reproductive Biology Workshop, May, 1990.
11. **Politis I.** and J.D. Turner. Role of plasmin in bovine mammary gland involution. Journées de Recherche en Zootechnie, Saint Hyacinthe, Quebec, May, 1989.