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<u>Date and place of birth, Nationality: Family status</u>	Athens, Greece, 3 / 6 / 1968. Nationality: Greek Married (2 children)
<u>Studies:</u>	<p><u>9/1990.Graduation</u> from Aristotle University foThessaloniki, School of Economics.</p> <p><u>9/1996:</u> Graduation (MD degree) from Aristotle University, Medical School, Thessaloniki, Greece</p> <p><u>1994:</u> PhD thesis, in Physiology:</p> <p><u>5/2000</u> Lecturer in Physiology, Aristotle University, Thessaloniki</p> <p><u>4/2000-9/2000:</u> Post Doc fellow in the Department of Pharmacology, Hadassah Hebrew University, Jerusalem, Israel (Supervisors: Prof E.Shohami).</p> <p><u>11/2004</u> : Assistant Professor of Physiology, Aristotle University</p> <p><u>9/2006 – 3/2007:</u> Sabbatical in Neuroimmunology, Brain Research Institute, Medical University of Vienna, Austria (Professor H. Lassmann)</p>
<u>Prizes</u>	Seven prizes in Greek and International Congresses.
<u>Grants:</u>	2001: Greek Secretary of Research and Technology Grant (Budget: € 180.000), Title: Neural Stem cell transplantation in EAE 2003: European Commission and the Greek Ministry of Education Grant - Pythagoras (Budget: € 100.000), Title: Bone Marrow Stromal cell transplantation in EAE
<u>Teaching:</u>	<p><u>1998 - today:</u> Teaching in the yearly course of Physiology in students of Medical and Dental School(1st and 2nd year).</p> <p><u>2004-2007:</u> Teaching in “Neurophysiology” course in post graduate students, Aristotle University of Thessaloniki</p>

<u>Fields of interest:</u>	Neurophysiology, Traumatic brain injury, Perinatal hypoxia-ischemia, Behavioral tests, Multiple sclerosis; experimental models of autoimmune diseases (EAE etc); Autoimmunity; Neuroprotection, Experimental Stroke
<u>Languages:</u>	<ol style="list-style-type: none"> 1. Greek 2. English 3. French 4. Italian

Publications

16 peer reviewed articles in journals of a total impact factor:85,504 and over 600 Citation Indexes

PUBLICATIONS

1. *Ontogenetic development of the locomotor response to L-Dopa in the rat*
N. Grigoriadis, C. Simeonidou, S. Paraschos, M. Albani, O. Guiba-Tziampiri

Pediatric Neurology (1996) 14: 41-45.

2. *An endogenous cannabinoid (2-AG) is neuroprotective after brain injury.*
David Panikashvili, Constantina Simeonidou, Shimon Ben-Shabat, Lumir Hanus, Aviva Breuer, Raphael Mechoulam and Esther Shohami.

Nature 413:527-531, 2001

3. *Erythropoietin prevents hypoxia/ischemia-induced DNA fragmentation in an experimental model of perinatal asphyxia*

Evangelia Spandou¹, Vassiliki Soubasi², Stamatia Papoutsopoulou¹ George Karkavelas³, Constantina Simeonidou¹, A. Kaiki-Astara¹, Olympia Guiba-Tziampiri¹.

Neuroscience Letters 366:24-28, 2004

4 *Hypoxia-ischemia affects Erythropoietin and Erythropoietin receptor expression pattern in the neonatal rat brain*

Evangelia Spandou¹, Stamatia Papoutsopoulou¹, Vassiliki Soubasi², George Karkavelas³, Constantina Simeonidou¹, George Kremenopoulos², Olympia Guiba-Tziampiri¹.

Brain Research 1021(2): 167-172, 2004

5. *Recovery, innervation profile, and contractile properties of reinnervating fast muscles following postnatal nerve crush and administration of L-Dopa*

Nikolaos Grigoriadis, Maria Albani, Constantina Simeonidou OI. Guiba-Tziampiri

Developmental Brain Research 153 (1): 79-87, 2004

6. *Erythropoietin prevents long-term sensorimotor consequences and brain injury following neonatal hypoxia-ischemia in rats*

E. Spandou, Z. Papadopoulou, V. Soubasi, G. Karkavelas, C. Simeonidou, O. Guiba-Tziampiri

Brain Research 1045(1-2): 22-30, 2005

7. *Erythropoietin is neuroprotective, improves functional recovery, and reduces neuronal apoptosis and inflammation in a rodent model of experimental closed head injury*

Yatsiv I, Grigoriadis N, Simeonidou C, Stahel PF, Schmidt OI, Alexandrovich AG, Tsenter J, Shohami E

FASEB Journal 19(10):282-301, 2005

8. *CuZn-SOD deficiency, rather than overexpression, is associated with enhanced recovery and attenuated activation of NF-kappa B after brain trauma in mice*

Beni SM, Tsenter J, Alexandrovich AG, Galron-Krool N, Barzilai A, Kohen R, Grigoriadis N, Simeonidou C, Shohami E.

Journal of Cerebral Blood Flow and Metabolism 26(4):478-490, 2006

9. *Impairment of the ability of the injured aged brain in elevating urate and ascorbate*

Moor E, Shohami E, Kanevsky E, Grigoriadis N, Symeonidou C, Kohen R

Experimental Gerontology 41(3): 303-311, 2006

10. *Erythropoietin attenuates renal injury in experimental acute renal failure ischemic/reperfusion model*

Spandou E, Tsouchnikas I, Dounousi E, Karkavelas G, Simeonidou C, Guiba-Tziampiri O, Tsakiris D.

Nephrology Dialysis Transplantation 21(2): 330-336, 2006

11. *D-cycloserine improves functional recovery and reinstates long-term potentiation (LTP) in a mouse model of closed head injury*

Yaka R Biegon A, Grigoriadis N , Simeonidou C, Grigoriadis S , Alexandrovich AG , Matzner H , Schumann J , Trembovler V , Tsenter J , Shohami E

FASEB Journal : 21(9): 2033-2041, 2007

12. *Differential neuroprotective properties of endogenous and exogenous erythropoietin in a mouse model of traumatic brain injury*

Shein NA., Grigoriadis N Alexandrovich AG, Simeonidou C, Spandou E, Tsenter J, Yatsiv I Horowitz M Shohami E

Journal of Neurotrauma 25,(2):112-123 2008

13. *Incensole acetate: a novel neuroprotective agent isolated from *Boswellia carterii*.*

Moussaieff A, Shein NA, Tsenter J, Grigoriadis S, Simeonidou C, Alexandrovich AG, Trembovler V, Ben-Neriah Y, Schmitz ML, Fiebich BL, Munoz E, Mechoulam R, Shohami E

Journal of Cerebral Blood Flow and Metabolism. 28(7):1341-1352, 2008

14. *Microglial involvement in neuroprotection following experimental traumatic brain injury in heat-acclimated mice*

Shein, NA; Grigoriadis, N; Horowitz, M, Umschwief, G, Alexandrovich AG, Simeonidou C, Grigoriadis S, Touloumi O, Shohami E.

Brain Research 1244: 132-141, 2008

15. *Predictable ventricular shift after focal cerebral ischemia in rats: practical considerations for intraventricular therapeutic interventions."*

A Lourbopoulos, N Grigoriadis, D Karacostas, E Spandou, N Artemis, I Milonas, N Tascos and C Simeonidou

Laboratory Animals manuscript 44(2):71-78, 2010

16. *Histone deacetylase inhibitor ITF2357 is neuroprotective, improves functional recovery, and induces glial apoptosis following experimental traumatic brain injury.*

Shein NA, Grigoriadis N, Alexandrovich AG, Simeonidou C, Lourbopoulos A, Polyzoidou E, Trembovler V, Mascagni P, Dinarello CA, Shohami E.

FASEB J 23(12):4266-4275,2009

Abstracts published in peer reviewed journals

1. *Effect of L-Dopa on a-Bungarotoxin paralysed rat edl muscle*

Grigoriadis N., Albani M., Simeonidou C., Guiba-Tziampiri O.

17th Annual Meeting of the European Neuroscience Association, in association with the 26th Annual Meeting of the European Brain and

Behaviour Society and the Meeting of the Austrian Neuroscience Association

Vienna, Austria, 4-8 September 1994.

Eur. J Neurosci. (Suppl) 7: 104, 1994.

2. *The effects of 6-hydroxydopamine treatment on locomotor response to L-Dopa in neonatal rats*

C. Simeonidou, N. Grigoriadis, O. Guiba-Tziampiri

Book of abstracts of 7th International Congress of Psychophysiology, 27 Sept- 2 Oct, 1994, Thessaloniki (Porto- Carras- Halkidiki)

Int. J. Psych. Vol 18, p.147, 1994.

3. *Effects of piracetam on a rat model of neonatal hypoxic-ischemic brain injury*

Milonas I., Karkavelas G, Spandou E., Papoutsopoulou S., Simeonidou C., Grigoriadis N., Papadimitriou C and Guiba-Tziampiri O.

2nd Congress of the European Federation of Neurological Sciences 30 October - 3 November 1996, Rome

Eur J Neurol 3 (Suppl), 5: 3, 1996

4. *Blocade of nitric oxide synthesis minimizes the hippocampal lesions in kainic acid induced seizures*

I. Milonas, N. Grigoriadis, E. Spandou, C. Simeonidou, K. Garganis, I. Demertzis, O. Guiba-Tziampiri

Seventh meeting of the European Neurological Society, Rhodes, June 14-18, 1997.

J Neurol 244 (Suppl 3): 102, 1997

5. *Effects of MgSO₄ and ketamine on hypoxic ischemia-induced changes of amino acids in the neonatal rat brain*

Spandou E, Savvopoulou P, Soubasi V, Loisis T, Grigoriadis N, Simeonidou C, Guiba-Tziampiri O.

5th International Aminoacids Congress, Halkidiki, August 1997

AminoAcids 13 (1), 1997

6. *Acute experimental allergic encephalomyelitis manifestation in streptozotocin induced juvenile diabetes melitus in lewis rats*

Grigoriadis N, Simeonidou C, Tsounis S. Paschalidou M, Orologas A, Milonas I

14th Congress of the European Committee for treatment and research in Multiple Sclerosis, Stockholm, Sweden, 9-12 September 1998

Multiple Sclerosis 4:308,1998

7. *Postnatal chemical sympathectomy augments the severity of experimental allergic encephalomyelitis relapses in Lewis rats*

Milonas I, Grigoriadis N, Bostantzopoulou M, Simeonidou C, Guiba-Tziampiri O.

14th Congress of the European Committee for treatment and research in Multiple Sclerosis, Stockholm, Sweden, 9-12 September 1998

Multiple Sclerosis 4:30, 1998

8. *Levamisol deteriorates relapses in chronic relapsing experimental allergic encephalomyelitis*

Milonas I, Grigoriadis N, Simenidou C, Karussis D, Abramsky O

8th meeting of the European Neurological Society, Nice, France, 1998

J Neurol 245 (6/7):419, 1998.

9. *Apoptosis throughout acute experimental allergic encephalomyelitis in diabetic rats.*

Grigoriadis N, Karkavelas G, Spandou E, Simeonidou C, Milonas I.

15th Congress of the European Committee for Treatment and Research in Multiple Sclerosis, 4th Annual Meeting of American Committee for Treatment and Research in Multiple Sclerosis, Vasel, Switzerland, September, 1999.
Multiple Sclerosis Vol (5): Suppl.1,:23,1999

10. Melatonin exogenous or endogenous is neuroprotective after brain injury

SM Beni, R. Kohen. C. Simeonidou, RJ Reiter, E. Shohami

19th Annual National Neurotrauma Society Symposium, November 9-10, 2001, San Diego, Kalifornia.

Journal of Neurotrauma 18: 1176, 2001.

11. The effect of erythropoietin treatment on neonatal hypoxic ischemic brain injury in the rat

Spandou E, Papoutsopoulou S, Karkavelas G, Simeonidou C, Soubasi V, Kaiki-Astara A, Kremenopoulos G.

Annual Meeting of European Society for Pediatric Research, Utrecht, 2002

Pediatric Research 52:245, 2002.

12. Combination therapy with erythropoietin and N-acetylcysteine provides pronounced improvement of long lasting sensorimotor and neuropathological disturbances following perinatal asphyxia in rats

Papadopoulou Z, Spandou E, Simeonidou C, Papadopoulou I, Koutsonikolas D, Soubasi V

Annual Meeting of European Society for Pediatric Research (ESPR), Stockholm, September, 2004

Pediatric Research 56(3): 499-499, 2004

13. Long term learning impairment following neonatal hypoxic-ischemic brain insult in rats is not affected by MgSO₄ treatment

Pazaiti A, Spandou E, Karalis F, Georgiou TH, Melios G, Simeonidou C, Soubasi V.

XIX European Congress of Perinatal Medicine, Athens, October, 2004.

The Journal of Maternal-fetal & Neonatal Medicine volume 16, Supplement 1, October 2004.

14. Neuroprotective and immunoregulatory properties of an endogenous cannabinoid (2-arachidonoylglycerol) in experimental allergic encephalomyelitis

Grigoriadis, N; Lagoudaki, R; Simeonidou, C, Karussis D, Kalpatsanidis, A, Breuer A, Ovidia H, Shohami E Mechoulam B Milonas I

20th Congress of the European Committee for Treatment and Research in Multiple Sclerosis

Multiple Sclerosis 10(2): S199-S200, 2004

15. Erythropoietin attenuates renal injury in experimental acute renal failure ischemic/reperfusion model

Spandou E, Tsouchnikas I, Dounousi E, Karkavelas G, Simeonidou C, Guiba-Tziampiri O, Tsiakiris D

Παρουσίαση στο 37th Annual Meeting of American Society of Nephrology (ASN), Missouri, U.S.A, October, 2004

16. *2-arachidonoylglycerol exerts both immunomodulation and neuroprotection in acute and chronic experimental allergic encephalomyelitis*

Grigoriadis NC, Karussis D, Loubopoulos A, Lagoudaki R, Symeonidou C, Kalpatsanidis A, Ovadia H, Shohami E, Breuer A, Mechoulam R, Milonas I

21st Congress of the European Committee for Treatment and Research in Multiple Sclerosis

Multiple Sclerosis 11(1): S52-S52, 2005

17. *The role of 7-Nitroindazole in prolonged seizures (SE) induced by kainic acid in young rats, submitted to hypoxia during the perinatal period.*

I. Papadopoulou, G. Karkavelas, E. Spandou, C. Simeonidou, I. Liangouris, N. Grigoriadis, O. Guiba-Tziambiri

Παρουσίαση στο European Society of Paediatric Research (ESPR) 2005.

Pediatric Research 58(2), August 2005, pg 402

18. *Long-term neurofunctional disturbances after seizures during development: A possible implication of Nitric Oxide (NO)*

Papadopoulou I, Spandou E, Loubopoulos T, Simeonidou C, Giannakopoulou A, Liangouris I, Grigoriadis N, Karkavelas G, Guiba-Tziambiri O

European Academy of Paediatrics (Europaediatrics), Barcelona, Spain, October, 2006

European Journal of Pediatrics 165 (1):212, 2006

19. *The effect of inhibition of neuronal synthetase of NO (nNOS) on neuronal apoptosis in an experimental model of seizures during development*

Papadopoulou I, Spandou E, Simeonidou C, Karalis F, Liangouris I, Grigoriadis N, Karkvelas G, Guiba-Tziambiri O.

Παρουσίαση στο European Academy of Paediatrics (Europaediatrics), Barcelona, Spain, October, 2006

European Journal of Pediatrics 165 (1):126, 2006

20. *Resveratrol a red constituent offers neuroprotection following neonatal hypoxia-ischemia in rats*

F Karalis, E Spandou, C Simeonidou, I Papadopoulou, V Soubasi, O Guiba-Tziampiri

European Academy of Paediatrics (Europaediatrics), Barcelona, Spain, October, 2006

European Journal of Pediatrics 165 (1):124, 2006

21. *Host brain reaction following transplantation of bone marrow stromal cells in experimental allergic encephalomyelitis.*

Polyzoidou E, Giannakopoulou A, Kotta K, Touloumi O, Loubopoulos A, Simeonidou C, Spandou E, Karussis D, Taskos N, Milonas I, Grigoriadis N.

Meeting of the European Neurological Society, Πόδος, 16-20 Ιουνίου 2007.

J Neurol 2007;254(Suppl 3):III/36.

22. *Survival of bone marrow stromal cells in the presense of pro- and anti-inflammatory cytokines, in vitro*
K. Kotta R. Lagoudaki, O. Touloumi, C. Simeonidou, E. Spandou, N.Taskos, I. Milonas, N. Grigoriadis
17th Meeting of the European Neurological Society, Phodes, 16-20 June 2007.
J Neurol 2007;254(Suppl 3): Pages:106-107

23. *The effect of erythropoietin on bleomycin-induced pulmonary fibrosis in rats*
Tsavlis D, Spandou E, Koliakos-Kouzi K, Koutsonikolas D, Tzoumaka A, Simeonidou C, Angomachalelis I, Bountzioukas S
Annual Meeting of American College of Chest Physicians, Chicago, USA, 2007
Chest 132 (4): 582S, 2007

24. *Activation of endogenous remyelination capacity in experimental allergic encephalomyelitis following transplantation of neural stem cells.*
Polyzoidou E, Grigoriadis N, Deretzi G, Touloumi O, Giannakopoulou A, Polyzoidis S, Simeonidou C, Grigoriadis S, Karakostas-Manousakis D, Artemis N, Taskos N, Milonas I, Karkavelas G.
21st European Congress of Pathology, Istanbul, Turkey, 8-13 September 2007.
Vichows Archiv 2007;451(2):A22021.

25. *The expression of eNOS/iNOS in experimental acute renal failure ischemic/reperfusion model after the administration of erythropoietin*
Xanthopoulou, K; Tsouchnikas, I; Spandou, E, Dounousi E, Karkavelas G Simeonidou C, Kotzadamis N, Tsakiris D
XLIV Congress of the Eurpean Renal Association, European Dialysis and Transplanatation Association (ERA-EDTA), Spain 21-24 June 2007
Nephrology Dialysis Transplantation 22: 248-249, 2007

26. *Evaluation of long-term cognitive dysfunction in experimental model of seizures in young rats*
I. Papadopoulou, E, Spandou, A. Lourbopoulos, C. Simeonidou, I. Liangouris, N. Grigoraidis, O. Guiba-Tziambiri
48th annual meeting of the European Society fo Paediatric Research, Prague, Οκτώβριος 2007
Acta Paediatrica 96:124, 2007

27. *Long-term differentiation of transplanted central nervous system neural precursors in experimental allergic encephalomyelitis.*
Polyzoidou E, Simeonidou C, Touloumi O, Giannakopoulou A, Deretzi G, Polyzoidis S, Spandou E, Grigoriadis N, Taskos N, Karkavelas G.
9th European Congress of Neuropathology (8-10 May 2008).
Clinical Neuropathology vol. 27, 2008

28. *Apoptotic death of glial cells in an experimental model of epilepsy: The role of 7-Nitroindazole*

Papadopoulou I, Spandou E, Polyzoidou E, Simeonidou C, Liagouris I, Grigoriadis N, Karkavelas G, Anogianakis G
9th European Congress of Neuropathology (8-10 May 2008)
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Πλήρεις δημοσιεύσεις σε ξενόγλωσσα περιοδικά εκτός pubmed

43. *The effect of L-Dopa on locomotor behaviour in neonate and juvenile rats.*

Grigoriadis N., Simeonidou C., Guiba-Tziampiri O., Albani M., and Madentzidis M.

Scientific Annals of the Faculty of Medicine, 22, 1994.

44. *The effect of L-Dopa on locomotor behaviour in adult rats.*

Grigoriadis N., Simeonidou C., Albani M., Parashos S. A. and Guiba-Tziampiri O

Scientific Annals of the Faculty of Medicine, 22, 1994.

45. *Could the injection of cerebrospinal fluid of MS patients in rats induce an experimental model of encephalomyelitis? A preliminary report*

N. Grigoriadis, M Paschalidou, E. Spandou, N. Taskos, G. Karkavelas, C.Simeonidou, O. Guiba-Tziampiri, I. Milonas

Poster στο 10th Congress of the European Committee for Treatment and Research in Multiple Sclerosis, November 4-5, 1994, Athens

Scientific Annals of Faculty of Medicine, 23B:25-201, 1997.

46. *Modified Bielschowsky silver impregnation combined with Hematoxylin or Cresyl Violet counterstaining as a potential tool for the simultaneous study of inflammation and axonal injury in the central nervous system*

Lourbopoulos A., Grigoriadis S, Symeonidou C, Deretzi G, Taskos N, Shohami E, Grigoriadis N.

Scientific Annals of the Medical School of Thessaloniki, 34(1): 31-40 2007

47. *Neuroprotection from inflammation: Experimental allergic encephalomyelitis facilitates traumatic spinal cord injury recovery.*

Savvas Grigoriadis, Eleni Polyzoidou, Ioannis Mavromatis, Olga Touloumi, Ageliki Giannakopoulou, Athanasios Lourbopoulos, Roza Lagoudaki, Panagiotis Selviaridis, Constantina Simeonidou

Scientific Annals of the Medical School of Thessaloniki, 2009.

Περιλήψεις σε πρακτικά διεθνών συνεδρίων με κριτές

48. *Observations on the motoneurone survival in the spinal cord after blocking the neuromuscular activity 5-6 days postnatally on L-Dopa treated rats.*

Grigoriadis N., Albani M., Simeonidou C., Spandou E., Guiba-Tziampiri O.

The Meeting of European Neuroscience, Amsterdam RAI, The Netherlands, 1995, Abstract book, p.123

49. *Effect of γ -immunoglobulin treatment on hippocampal lesions in experimental epilepsy*

Milonas I., Grigoriadis N., Simeonidou C., Spandou E., Garganis K., Demertzis I. and Guiba-Tziampiri O.

Ανακοίνωση στο 11th Conference of South-East European Society for Neurology and Psychiatry, Thessaloniki 25-28 September 1996.

50. *Effect of piracetam on a rat model of neonatal hypoxic-ischemic brain injury*

Milonas I., Karkavelas G., Spandou E., Papoutsopoulou S., Simeonidou C., Grigoriadis N., Papadimitriou C. and Guiba-Tziampiri O.

11th Conference of South-East European Society for Neurology and Psychiatry, Thessaloniki 25-28 September 1996

51. *A quantitative study of rat hippocampus after neonatal hypoxia-ischemia and magnesium or ketamine administration.*

G.Karkavelas, E. Spandou, N. Grigoriadis, C. Simeonidou, C. Papadimitriou, O. Guiba-Tziampiri.

11th International Congress on Diagnostic quantitative pathology, Siena Italy, October 1997

52. *Dose dependent effect of levamisol in chronic relapsing experimental allergic encephalomyelitis*

I Milonas, N Grigoriadis, C Simeonidou, D Karussis, O Abramsky

12th Conference of South-East European Society for Neurology and Psychiatry, Thessaloniki 30 September- 3 October 1998

53. *Juvenile but not adult induced streptozotocin diabetes melitus may deteriorate acute experimental allergic encephalomyelitis manifestation*

I Milonas, C Simeonidou, N Grigoriadis, O. Guiba - Tziampiri

9th European Neurological Society Meeting, June 5-9, 1999, Milan, Italy

54. *Morphological alterations following cerebral hypoxia-ischemia in the neonatal rat.*

Simeonidou C, Spandou E, Karkavelas G, Grigoriadis N, Soubasi O, Guiba-Tziampiri O.

XVII European Congress of Perinatal Medicine, June, 2000.

55. *Alteration of Erythropoietin expression in the developing rat brain following hypoxia-ischemia.*

E. Spandou, S. Papoutsopoulou, C. Simeonidou, G. Karkavelas, I. Liaggouris, V. Soubasi, G. Kremenopoulos, O. Guiba-Tziampiri.

Annual Meeting of European Society for Pediatric Research, Helsinki, August 2001.

56. *Transplantation of bone marrow stromal cells (BMSCs) in experimental allergic encephalomyelitis.*

Polyzoidou E, Giannakopoulou A, Kotta K, Touloumi O, Lourbopoulos A, Simeonidou C, Spandou E, Grigoriadis N, Karussis D, Milonas I.

15th Thessaloniki Conference, South-East European Society for Neurology and Psychiatry, 11-14 October 2006.

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