

EDNA YAMASAKI PATRIKIOU, MD, PhD

Professor
Vice-Rector for Academic Affairs
University of Nicosia
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Education:

- MD, School of Medicine, Federal Fluminense University, Niteroi, Rio de Janeiro, Brazil, November 1988
- MSc in Biophysics, Institute of Biophysics Carlos Chagas Filho, Federal University of Rio de Janeiro, Rio de Janeiro, Brazil, September 1990
- PhD in Biophysics (Neurobiology), Institute of Biophysics Carlos Chagas Filho, Federal University of Rio de Janeiro, Rio de Janeiro, Brazil, December 1994

Postdoctoral training:

- Massachusetts General Hospital/Harvard Medical School, Boston, Massachusetts, USA, 1990-1993
- Institute of Biophysics Carlos Chagas Filho, Federal University of Rio de Janeiro, Brazil, Jan-Dec 1995
- Department of Anatomy, Virginia Medical College, Richmond, Virginia, USA, Jan-March 1996
- Department of Chemistry, University of Cyprus, Nicosia, Cyprus, 1998-1999 (Special Scientist); 1999-2000 (Research Associate)
- Cyprus Institute of Neurology and Genetics, Nicosia, Cyprus, 1999-2002

Current Positions:

- Vice-Rector, Academic Affairs, University of Nicosia (2016-present)
- Chair, University of Nicosia Internal Quality Assurance Committee (2016-present)
- Chair, Erasmus Office, University of Nicosia (2016-present)
- Professor, University of Nicosia (2014-present)
- Ambassador of Tourism for the Republic of Cyprus (2010-present)
- Editor-in-Chief – PANR eJournal – Physical Activity, Nutrition and Rehabilitation, University of Nicosia (2014-present)
- Vice-President, Cyprus Society for Clinical Nutrition and Metabolism (CySPEN) (2016-present)

Positions Held:

- Head, Department of Life and Health Sciences, University of Nicosia (2008-2016)
- Associate Professor, University of Nicosia (2007-2014)

- Faculty Representative – University of Nicosia Council (2012-2014)
- Faculty Representative – University of Nicosia Senate (2014-2016)
- Associate Professor, Institute of Biophysics Carlos Chagas Filho, Federal University of Rio de Janeiro (1996-2009)
- Part-time lecturer, Intercollege (2006-2007)
- Assistant Professor, Institute of Biophysics Carlos Chagas Filho, Federal University of Rio de Janeiro (February 1996-July 1996)

Areas of Concentration/ Research Interests:

- Development of the Central Nervous System
 - Morphological and electrophysiological aspects,
 - Plasticity,
 - Role of neurotransmitters, neuromodulators and pharmacological agents
- Developmental and Degenerative Diseases of the Central Nervous System
- Drugs of Abuse in the Developing Brain
- Aging
- Development of New Materials with Potential Biological Applications
- Environment, Water and Health

Professional Associations:

- Society for Neuroscience (USA) member since 1989
- Brazilian Society for Neuroscience member since 1989
- IBRO (through the SFN, Hellenic and the Brazilian Societies for Neuroscience)
- AAAS (USA) member since 2008
- COST B30 – Neural regeneration and plasticity – Cypriot representative (March 2008-July 2010)
- Hellenic Society for Neuroscience member since 2010
- ESPEN – member since 2016
- CYSPEN – member since 2016

Funding:

- Research grant from the State of Rio de Janeiro Funding Agency, R\$ 6000,00 - December 1996 to November 1997.
- Prize Luis A. Vianna - for Junior Faculty - R\$ 5000,00 - July 1996 to July 1997.
- Research grant from the State of Rio de Janeiro Funding Agency, R\$ 7.600,00 - February 1998 to January 1999.
- Research grant from the Brazilian National Council for Research, R\$ 12.000,00 - November 1997 to October 1998.

- Cyprus Research Promotion Foundation, Project title: “Development of Novel Polymers as Synthetic Vehicles for Gene Transfer”, £ 27,000 (2002 - 2003), in collaboration with Dr. Costas Patrickios.
- Research grant from the State of Rio de Janeiro Funding Agency, R\$ 28,000.00, July 2004 to June 2006.
- Cyprus Research Promotion Foundation, Project title: “Climate change and public health: assessment of the effects of extreme weather and development of innovative prevention and mitigation strategies”, €179,120 (2010-2012), Coordinator.
- Leonardo Da Vinci, Project title: “Medisigns”, total grant € 299,250, amount allocated to Cyprus € 43,000 (2010-2012), CY coordinator.
- Cyprus Research Promotion Foundation, Project title: Characterization of Polymeric and Biological Systems using High-resolution Atomic Force Microscopy and Multi-angle Dynamic and Static Light Scattering, € 500,000 (2012-2015), Partner
- Leonardo da Vinci, Project title: “Advancing work safety for pest control workers” total grant € 396,855 (2013-2014), collaborator.
- Erasmus + project, Project acronym HP@SC, total grant € 446,034 (2014-2016), collaborator
- Erasmus + project, Project acronym SPHERA, total grant € 890,882 (2016-present), collaborator

Awards/Distinctions:

- Prize Luis A. Vianna - for Junior Faculty - R\$ 5000,00 - July 1996 to July 1997.
- European Language Label 2013 – awarded to the MEDISIGNS Project

Fellowships:

- CNPq of Brazil, Predoctoral Research Scholarship (1985-86; 1987-88)
- CNPq of Brazil, Graduate Research Fellowship (1989-90)
- Fight for Sight to Prevent Blindness, Postdoctoral fellowship (1990-91)
- Fogarty International Fellowship, Postdoctoral fellowship (1991-93)
- CNPq of Brazil, Graduate Research Fellowship (1994)
- CNPq of Brazil, Postdoctoral Research Fellowship (1995-1996)
- NEDO (Japan), Postdoctoral Research Fellowship (September 1998 - March 1999)
- Muscular Dystrophy Association (October 1999-July 2002)

Languages:

- Portuguese – mother tongue
- English – fluent
- Greek – fluent

Research & Publications

- Development and Plasticity of the Developing Central Nervous System

- Developmental and Degenerative Diseases of the Central Nervous System
- Drugs of Abuse in the Developing Brain
- Development of New Materials with Potential Biological Applications
- Public Health and Environment
- Deafness

Chapters in Books

- Ramoa, AS and **Yamasaki, EN** (1992). Mechanisms of dendritic tree development in mammalian retinal ganglion cells. In: The visual system from genesis to maturity. Lent R., Editor, Birkhäuser, Boston.
- **Yamasaki, EN** (2008). A Inovadora Imagem do Cerebro. Memoria Hoje, Vol 1. Ciencias Biologicas e Ambientais. Ivanissevich A. and Videira, AAP editors, ICH Instituto Ciencia Hoje.
- Tsangari, H, Konsoula, Z, Christou, S, Georgiou, K and Yamasaki, E. (2015). Modeling the relationship between temperature and daily mortality in Cyprus. In Stochastic Modeling, Data Analysis and Statistical Applications. Filus, L, Oliveira T and Skiadas C.H., editors. ISAST 2015

Journal Articles

RG Score: 27.37

h-index:13

h-index excluding self-citations: 13

Sum of the times cited: 592

Source: Researchgate.net

- 1- Brito, LSO; **Yamasaki, EN**; Paumgarten, FJR; Brito, GNO (1987). Continuous and discrete T-maze alternation in rats: Effects of intertrial and interrun intervals. *Braz. J. Med. Biol. Res.*; 20:125-135.
- 2- Ramoa, AS and **Yamasaki, EN** (1992). Mechanisms of dendritic tree development in mammalian retinal ganglion cells. In: The visual system from genesis to maturity. Lent R., Editor, Birkhäuser, Boston.
- 3- **Yamasaki, EN** and Ramoa, AS (1993). Dendritic remodelling of retinal ganglion cells during development of the rat. *J. Comp. Neurology*; 329:277-289.
- 4- Patrickios, CS and **Yamasaki, EN** (1995). Polypeptide amino acid composition and isoelectric point. II. Comparison between experiment and theory. *Analytical Biochemistry*, 231:82-91.
- 5- Ramoa, AS and **Yamasaki, EN** (1996). Transient retinal ganglion-cells in the developing rat are characterized by specific morphological properties. *J. Comp. Neurology*;368(4):582-596.
- 6- **Yamasaki, EN**; Andrade da Costa, BLS; Barbosa, VD and Hokoç, JN (1997). Retinal ganglion cell depletion alters the phenotypic expression of GABA and GAD in the rat retina. *Eur. J. Neurosci.*, 9:1885-1890.

- 7- Patrickios, CS and **Yamasaki, EN** (1997). A correction to the calculation of the Gibbs free energy of adsorption for biomolecules in ion-exchange systems. *Biophysical Chemistry*, 69:219-220.
- 8- **Yamasaki, EN** (1997). Neurônio, a inovadora imagem do cérebro. *Ciência Hoje*, 23(134):68-69.
- 9- **Yamasaki, EN**; Krupnik, VE and Chun, LLY (1998). Developmental study of Müller cells in the rat retina using a new monoclonal antibody, RT10F7. *Neuroscience*, 85(2):627-636.
- 10- **Yamasaki, EN**; Barbosa, VD; De Mello, FG and Hokoç, JN (1999), *Int. J. Dev. Neurosci*; 17(3):201-213. GABAergic system in the developing mammalian retina: dual sources of GABA at early postnatal development.
- 11- Simmons, MR; **Yamasaki, EN** and Patrickios, CS (2000). *Macromolecules*, 33(8): 3176-3179. Cationic amphiphilic model networks: Synthesis by group transfer polymerization and characterization of the degree of swelling.
- 12- Simmons, MR; **Yamasaki, EN** and Patrickios, CS (2000). *Polymer*, 41(24):8523-9. Cationic homopolymer model networks and Star polymers: Synthesis by group transfer polymerization and characterization of the degree of swelling. Impact Factor: 3.829, Number of times cited: 38
- 13- Almeida, MFL; **Yamasaki, EN**; Guedes, RA and Hokoç, JN (2001). *Nutritional Neuroscience*;4::223-238. The GABAergic and cholinergic systems are differentially affected by postnatal malnutrition during the suckling period.
- 14- Vamvakaki, M.; **Yamasaki, EN**; Hadjiyiannakou, S and Patrickios, CS (2001). *Macromol. Symp.*, 171:209-224. Characterization and Modeling of Hydrophilic Networks Synthesized by Group Transfer Polymerization.
- 15- Hadjiyiannakou, S; **Yamasaki, EN** and Patrickios, CS (2001). *Polymer*, 42:9205-9209. Randomly cross-linked homopolymer networks: synthesis by group transfer polymerization in solution and characterization of the aqueous degree of swelling.
- 16- de Almeida, OM; Gardino, PF; Loureiro dos Santos, NE; **Yamasaki, EN**; de Mello MCF; Hokoç, JN and de Mello, FG (2002). *Brain Research*;925(1):89-99. Opposite roles of GABA and excitatory amino acids on the control of GAD expression in cultured retinal cells.
- 17- **Yamasaki, EN** and Patrickios, CS (2003). *European Polymer Journal*. 39:609-616. Group Transfer Polymerization in the Bulk: Linear Polymers and Randomly Cross-Linked Networks.
- 18- Georgiou, TK; Vamvakaki, M; Patrickios, CS; **Yamasaki, EN**; Phylactou, LA (2004). *Biomacromolecules*. Nov-Dec;5(6):2221-9. Nanoscopic Cationic Methacrylate Star Homopolymers: Synthesis by Group Transfer Polymerization, Characterization and Evaluation as Transfection Reagents.
- 19- Kubrusly RCC, Ventura ALM, Reis RAM, Serra GCF, **Yamasaki EN**, Gardino PF, de Mello MCF and de Mello FG. (2007). *Neurochemistry International* 50(1):211-8. Norepinephrine acts as D₁-Dopaminergic agonist in the embryonic avian retina: Late expression of β 1-Adrenergic receptor shifts norepinephrine specificity in the adult tissue.
- 20- De Sampaio Schitine, C, Kubrusly, RC, De Melo Reis, RAM, **Yamasaki, EN**, de Mello, MCF and de Mello, FG (2007). *Neurotoxicology Research*; 12(2):145-53. GABA uptake by purified avian Muller glia cells in culture.
- 21- Isayama, RN, Leite, PEC, Lima, JPM, Uziel, D and **Yamasaki, EN**. (2009). *The Anatomic Record*, 292:1922-1939. Impact of ethanol on the developing GABAergic system. Special issue in *Neural Degeneration and Plasticity*.

- 22- Pohl-Guimaraes, F, Calaza, KC, **Yamasaki, EN**, Kubrusly, RCC and Reis, RAM (2010). *Int J Dev Neurosci.* 2010 Apr;28(2):189-94. Epub 2009 Nov 30. Ethanol increases GABA release in the embryonic avian retina.
- 23- Leite, PEC, Moraes, L, D'Elia, L, Pinheiro, DF, Stutz, B., Lagrota-Candido, J, **Yamasaki, EN** and Quirico-Santos, T (2010). *Journal of Neuroimmunology*, Oct8;227(1-2):44-51. Nicotinic acetylcholine receptor activation reduces skeletal muscle inflammation of mdx mice.
- 24- Stutz, B, Fleming, RL, de Mello, MCF, **Yamasaki, EN** and de Mello, FG (2011) *Neurochem Int.*;58(7):767-775. Exchange of extracellular glutamate by intracellular D-aspartate: The main mechanism of D-aspartate release in the avian retina.
- 25- Pafiti, KS, Patrickios, CS, Georgiou, TK, **Yamasaki, EN**, Mastrogiannopoulos, NP, Phylactou, LA (2012). *European Polymer Journal*; 48:1422-1430. Cationic star polymer siRNA transfectants interconnected with a piperazine-based cationic cross-linker.
- 26- Konsoula, Z, Tsangari, H, Christou S, Georgiou, K, Ioannou, K, Kleanthous. S, Pashiardis, S, Pavlou, P, **Yamasaki, EN** (2013). Impact of Thermal Stress on Public Health in Cyprus. Proceedings of the 13th International Conference on Environmental Science and Technology (CEST2013), Reference number cest13_0425.
- 27- Tsangari, H., Paschalidou, A., Kassomenos, P., Konsoula, Z., Christou, S., Georgiou, K.E., Mesimeris, T., Vardoulakis, S., Heaviside, C.H., and **Yamasaki, E.N.** (2013), 'The effect of extreme weather on mortality in Cyprus: high temperatures vs. synoptic air mass types' (abstract), Special Issue for the 2013 Conference on Environment and Health, August 19–23, 2013, Basel, Switzerland, *Environmental Health Perspectives*, p. 125.
- 28- Tsangari, H., Konsoula, Z., Christou, S., Georgiou, K. E., Ioannou, K., Mesimeris, T., Kleanthous, S., Pashiardis, S., Pavlou, P., Paschalidou, A., Kassomenos, P., Vardoulakis, S., Heaviside, C.H., and Yamasaki, E.N. (2015). Human mortality in Cyprus: the role of temperature and particulate air pollution, *Regional Environmental Change*, 19th April, Online first DOI 10.1007/s10113-015-0793-2; (2016) *Regional Environmental Change*, Vol. 16, No. 7, pp. 1905-1913.
- 29- Tsangari, H, Heaviside, C, Vardoulakis, S, Paschalidou, AK, Georgiou, KE, **Yamasaki, EN** (2016). Health Impact Assessment for Mortality Associated with High Temperatures in Cyprus. Proceedings of the 18th Mediterranean Electrotechnical Conference – MELECON 2016, Limassol, Cyprus 18-20 April 2016.
- 30- Tsangari, H, Paschalidou, A, Kassomenos, P, Konsoula, Z, Christou, S, Georgiou, KG, and **Yamasaki, EN** (2016). *Science of Total Environment*; 542:247-253. Extreme weather and air pollution effects on cardiovascular and respiratory hospital admissions in Cyprus.
- 31- Heaviside C, Tsangari H, Paschalidou A, Vardoulakis S, Kassomenos P, Georgiou KE, **Yamasaki EN** (2016) Heat-related mortality in Cyprus for current and future climate scenarios. *Sci Total Environ.* 2016 Nov 1;569-570:627-33. doi: 10.1016/j.scitotenv.2016.06.138. Epub 2016 Jul 1.
- 32- Stylianides, A., Roupa, Z., Mantas, J, and **Yamasaki, E.N.** (2017) Evaluation of an integrated Health Information System (HIS) in a public hospital in Cyprus: a pilot study. *Stud Health Technol. Inform*; 238:44-47.
- 33- Tsangari, H., Paschalidou, A, Kassomenos, P, Konsoula, Z., Christou, S, Georgiou, KE, Mesimeris, T, Vardoulakis, S, Heaviside, CH, **Yamasaki, EN** (2017). The Effect of Extreme Weather on Mortality in Cyprus: High Temperatures Vs. Synoptic Air Mass Types. In preparation.
- 34- Duffy, E. and **Yamasaki, EN** (2017). Interaction between Medical Professionals and the Deaf in Cyprus: a pilot survey. In preparation.

Abstracts and poster presentation in conferences

- 1- **Yamasaki, EN**; Brito, LSO; Paumgarten, FJR; Brito, GNO (1985). The performance of contingently reinforced T-maze alternation by rats under different intertrial intervals. *Ciencia e Cultura*; 37 (suppl):911
- 2- Brito, LSO; Paumgarten, FJR; **Yamasaki, EN**; Brito, GNO (1985). Performance of working memory tasks by rats in a T-maze. *Braz. J. Med. Biol. Res.*;18:658.
- 3- Chimelli, L; Schuller, G; **Yamasaki, EN**; Menezes, DMF (1987). Cytomegalic inclusion disease (Biliary Atresia). XVI Congress of the Latin American Society of Pathology and the XVII Congress of the Brazilian Society of Pathologists, Salvador, BA, Brazil.
- 4- Chimelli, L; **Yamasaki, EN**; Menezes, DMF (1987). Brain lesions observed in Bronchopulmonary Displasia (Ventilator brain). XVI Congress of the Latin American Society of Pathology and the XVII Congress of the Brazilian Society of Pathologists, Salvador, BA, Brazil.
- 5- Chimelli, L; Hahn, MD; Barros, MC; **Yamasaki, EN**; Torres, W; Barbosa, CS (1988). "Neuropathology of AIDS: analysis of 53 cases". *Arquivos de Neuropsiquiatria*; 46(suppl):205.
- 6- Menezes, DMF; **Yamasaki, EN**; Chimelli, L (1989). Neuropathological findings in congenital syphilis. *Pediatric Pathology Abstracts*; 9:229.
- 7- Schuller, G; Menezes, DMF; Chimelli, L; **Yamasaki, EN** (1989). Oculo-Cerebro-Renal Syndrome (Lowe's disease). *Pediatric Pathology Abstracts*; 9:229.
- 8- **Yamasaki, EN**; Rocha, MS; Ramoa, AS (1989). Morphology of rat retinal ganglion cells (RGCs) during fetal and postnatal development. *Soc. Neurosci. Abstr.*;15:455.
- 9- **Yamasaki, EN** and Ramoa, AS (1990). Retinal ganglion cells: morphological and electrophysiological aspects during development. *Annals of the Brazilian Academy of Sciences*;62(2):212.
- 10- **Yamasaki, EN** and Ramoa, AS (1990). Dendritic development of abnormally projecting rat retinal ganglion cells (RGCs). *Soc. Neurosci. Abstr.*;16:334.
- 11- **Yamasaki, EN**; Schätz, CR and Frost, DO (1991). Morphology of hamster retinal ganglion cells. *Soc. Neurosci. Abstr.*; 17:1374.
- 12- **Yamasaki, EN** and Frost, DO (1992). Morphology of retinal ganglion cells in operated hamsters with novel retinal projections. *Soc. Neurosci. Abstr.*; 18:1313.
- 13- **Yamasaki, EN**; Krupnik, VE, Chang, Y and Chun, LLY (1993). A new monoclonal antibody (RT10F7) recognizes Müller cells in the adult and developing retina. *Soc. Neurosci. Abstr.*; 19:44.
- 14- Barbosa, VD; Costa, BLSA.; Hokoç, JN and **Yamasaki, EN** (1996). Células imunorreativas ao GABA na camada de células ganglionares do rato. *FESBE, Caxambu, MG.*
- 15- Almeida, MFL; **Yamasaki, EN** and Hokoç, JN (1996). Efeito da desnutrição precoce no tecido retiniano. *FESBE, Caxambu, MG.*
- 16- **Yamasaki, EN**; Costa, BLSA; Barbosa, VD and Hokoç, JN (1996). Retinal ganglion cell depletion increases the expression of GABA and GAD in the ganglion cell layer. *Soc. Neurosci. Abstr.*; 22:726.
- 17- **Yamasaki, EN**; Barbosa, VD and Hokoç, JN (1997). Developmental expression of GABA, GAD-65 and GAD-67 in the rat retina. *Soc. Neurosci. Abstr.*; 23:43.
- 18- Almeida, MFL; **Yamasaki, EN**; Guedes, RA and Hokoç, JN (1998). Malnutrition and neurotransmitter systems in the rat retina. *Soc. Neurosci. Abstr.*; 24:46.

- 19- Barbosa, VD; Hokoç, JN e **Yamasaki, EN** (1998). Fenótipos de neurotransmissores de células amácrinas. FESBE, XIII reunião anual, pag. 340.
- 20- Almeida, MFL; **Yamasaki, EN**; Guedes, RA and Hokoç, JN (1998). Efeito da desnutrição em sistemas de neurotransmissores na retina. FESBE, XIII reunião anual, pag. 339.
- 21- de Almeida, OM; Loureiro dos Santos, NE; Hokoç, JN; **Yamasaki, EN**; Gardino, PF, and de Mello, FG (2000). Regulation of Glutamic Acid Decarboxylase of Chick and Rat Retina Cells by GABA and Excitatory Amino Acids. Sessions of the Brazilian Academy of Sciences, Themes on Neurosciences; 72(3):438.
- 22- **Yamasaki, EN**; Everatt, L; Wood, MJA and Phylactou, LA (2001). A novel RNA targeting approach for the repair of the myotonic dystrophy defect. The third international Myotonic Dystrophy conference (IDMC-3), Kyoto, Japan.
- 23- Schitine, CS; **Yamasaki, EN**; Rumjanek, FD and De Mello, FG (2003). Regulação da expressão da descarboxilase do ácido glutâmico (GAD) em retina de ave: possível papel de GABA sobre o processo de tradução da enzima. FESBE, XVIII reunião anual.
- 24- Stutz, B; **Yamasaki, EN**; De Mello, FG and De Mello, MCF (2004). Liberação de aspartato: aumento da especificidade da sinalização glutamatérgica. FESBE, XIX, reunião anual.
- 25- Serra, GCF; Kubrusly, RCC; Ventura, ALM; **Yamasaki, EN**; Neuhaus-Oliveira, A; da Silva, RT; Gardino, PF; de Mello, MCF and de Mello, FG (2005). Inibição da via alternativa de síntese de catecolaminas em retinas embrionárias de aves aumenta a comunicação dopaminérgica no tecido retiniano adulto. FESBE, XX reunião anual
- 26- D'Elia, L, Stutz, B. Corrêa-Leite, PE, Quirico-Santos, T and **Yamasaki, EM** (2005). Possível envolvimento de receptores nicotínicos de acetilcolina e glutamatérgicos do tipo NMDA na fisiopatologia da degeneração muscular na Distrofia Muscular de Duchenne. FESBE, XX reunião anual.
- 27- Guimarães, FP, D'Elia, L, **Yamasaki, EN** and Reis RAM (2005). Aumento da liberação de [3H] GABA e da expressão da GAD em retinas de embriões de pinto tratadas cronicamente com etanol. FESBE, XX reunião anual.
- 28- Schitine, CS, de Mello, FG and **Yamasaki, EN** (2005). Expressão do fenótipo GABAérgico em células gliais. FESBE, XX reunião anual.
- 29- Stutz, B, Fleming, RL, de Mello, FG, de Mello, MCF and **Yamasaki, EN** (2005). Sinalização aspartérgica em retinas de aves. FESBE, XX reunião anual.
- 30- Georgiou, TK, **Yamasaki, EN**, Vamvakaki, M, Patrickios, CS (2006). Cationic hydrophilic homo and co-polymer stars: synthesis, characterization and evaluation as transfection reagentes. 231st National Meeting of the American Chemical Society, Atlanta GA, USA.
- 31- Leite, PEC, D'Elia, L, Pinheiro, DF, Lagrota-Candido, J, **Yamasaki, EN**, Quirico-Santos, T. (2006). Role of AchR alpha7 in the regulation of TNF alpha and metalloproteinases in skeletal muscle of mdx mice, FESBE, XXI annual meeting.
- 32- Leite, PEC, D'Elia, L, Pinheiro, DF, **Yamasaki, EN**, Quirico-Santos, T. (2006). Involvement of AChR alpha7-2 in the regulation of inflammation in skeletal muscle of MDX mice. In: XXXI Meeting of the Brazilian Society for Immunology, 2006, Búzios - RJ. XXXI Meeting of the Brazilian Society for Immunology, 2006.
- 33- Leite, PEC, D'Elia, L, Pinheiro, DF, **Yamasaki, EN** and Quirico-Santos, T. (2006). Involvement of AChR alpha7-2 in the regulation of inflammation in skeletal muscle of MDX mice, FESBE XXI annual meeting.
- 34- Leite, PEC, Moraes, L, D'Elia, L, Pinheiro, DF, Stutz, B, Lagrota-Candido, J, **Yamasaki, EN** and Quirico-Santos, T (2007). Possible role for the cholinergic anti-inflammatory pathway in the muscular lesion of mdx dystrophic mice, FESBE, XXII annual meeting.

- 35- Pohl-Guimaraes, F, Calaza KC, **Yamasaki, EN**, Kubrusly, RCC and Reis, RAM (2009). Ethanol modulates GABA release in the avian embryonic retina. 32nd Annual Scientific Meeting of the Research Society on Alcoholism. Alcoholism – clinical and experimental research; 33(6):165A-165A. Impact Factor: 3.468
- 36- Pohl-Guimaraes, F, da Costa Calaza, K, **Yamasaki, EN**, Kubrusly, RCC and Reis, RAM (2010). Ethanol increases GABA release in the embryonic avian retina. COST B30 meeting (17-19th June, Carmona, Spain).
- 37- Georgiou, TK, Ward, MA, Knight, P, Rikkou, MD, Vamvakaki, M, **Yamasaki, EN**, Phylactou, LA, Patrickios, CS (2010). Cationic star homo- and co-polymer for gene delivery. 3rd International Symposium Cellular Delivery of Therapeutic Macromolecules (26-29th June, Cardiff, UK), Drug Discovery Today; 15(23-24):1104-1104. Impact Factor: 6.442
- 38- Freitas, AP; Araujo, EG, de Carvalho, RP, Ferreira, D, **Yamasaki, EN** and Kubrusly, RCC (2010). Caffeine modulates excitatory amino acid transport in the developing rat retina. Society for Neuroscience Abstracts (USA) E35 744.8.
- 39- Cruz, RAS, Lima, JP, **Yamasaki, EN** and Uziel, D (2010). Impact of short-term ethanol exposure in the proliferation of pallial and subpallial progenitors. Society for Neuroscience Abstracts (USA) KK2 473.22.
- 40- **Yamasaki, EN** (2010). Abstract and Talk entitled “Maternal ingestion of ethanol and its effects on the developing fetal brain”. 6th Cyprus Dietetic and Nutrition Association (CyDNA) Conference with International Participation and Exhibition with the theme “Life Cycle Nutrition”, Nicosia, Cyprus 23-26th September.
- 41- **Yamasaki Patrikiou, E** (2011). Abstract and Talk entitled: Climate Change and Public Health: Assessment of the effects of extreme weather and development of innovative prevention and mitigation strategies. Workshop on Adaptation to the Climate Change, organized by the Environmental Service, Ministry of Agriculture, Natural Resources and Environment, November 2-3, 2011.
- 42- **Yamasaki Patrikiou, E** (2012). Abstract and Talk entitled: Caffeine and Cognitive Function. 7th Cyprus Dietetic and Nutrition Association Conference with International Participation with the theme: Diet Therapy: Nutrition throughout the field of healthcare. Nicosia, Cyprus 29 Nov-2 December.
- 43- **Yamasaki Patrikiou, E** (2013). Talk entitled: Public Health and Environment. One-day conference entitled “Επεξεργασία και Επαναχρησιμοποίηση Λυμάτων και Άλλων Αποβλήτων στην Κύπρο”, Jan 23, Nicosia, Cyprus.
- 44- Konsoula, Z, Tsangari, H, Christou S, Georgiou, K, Ioannou, K, Kleanthous. S, Pashiardis, S, Pavlou, P, **Yamasaki-Patrikiou, E** (2013) Impact of Thermal Stress on Public Health in Cyprus. CEST 5-7 September, 2013, Athens Greece.
- 45- Tsangari, H., Paschalidou, A, Kassomenos, P, Konsoula, Z., Christou, S, Georgiou, KE, Mesimeris, T, Vardoulakis, S, Heaviside, CH, **Yamasaki, EN** (2013). The Effect of Extreme Weather on Mortality in Cyprus: High Temperatures Vs. Synoptic Air Mass Types. Conference on Environment and Health – Bridging South, North, East and West, Basel, Switzerland 19-23 August, 2013.
- 46- Tsangari, H., Konsoula, Z., Christou, S., Georgiou, K. E., Ioannou, K., Mesimeris, T., Kleanthous, S., Pashiardis, S., Pavlou, P., Paschalidou, A., Kassomenos, P., Vardoulakis, S., Heaviside, C.H., and **Yamasaki, E.N.** (2014). ADAPTtoCLIMATE Conference 2014. The role of air pollution as a potential confounder of the association between temperature and mortality in Cyprus.
- 47- Tsangari, H., Konsoula, Z., Christou, S., Georgiou, K. E., Ioannou, K., Mesimeris, T., Kleanthous, S., Pashiardis, S., Pavlou, P., Paschalidou, A., Kassomenos, P., Vardoulakis, S., Heaviside, C.H., and **Yamasaki, E.N.** The Mediterranean Cities 2014. The Adaptation

Strategies to Global Environmental Change in the Mediterranean City and the Role of Global Earth Observations Conference. Health and Climate Change in Cyprus: the CYPHEW project.

- 48- **Tsangari, H. Z. Konsoula, S. Christou, K. E. Georgiou, and Yamasaki, EN** (2014). 3rd Stochastic Modeling Techniques and Data Analysis International Conference, Lisbon, Portugal, 11-14 June 2014. Modeling the relationship between temperature and daily mortality in Cyprus.
- 49- Violari, E and **Yamasaki, E.N.** (2014). Annual Meeting of the Society for Neuroscience USA, Nov 15-19th 2014, Washington, D.C. Effects of Phytoestrogen Treatment on the GABAergic System in the Retina of Ovariectomized Mice.
- 50- Stylianides, A., Roupa, Z., and **Yamasaki, E.N.** (2016). ICIMTH meeting, Athens, Greece – 1-3 July. Nurses' attitudes towards computerization in Hospital Archbishop Makarios III.

Scientific magazines

- **Yamasaki, EN** (1997). Neurônio, a inovadora imagem do cérebro. *Ciência Hoje*, 23(134):68-69.
- de Almeida, OM; Loureiro dos Santos, NE; Hokoç, JN; **Yamasaki, EN**; Gardino, PF, and de Mello, FG (2000). Regulation of Glutamic Acid Decarboxylase of Chick and Rat Retina Cells by GABA and Excitatory Amino Acids. *Sessions of the Brazilian Academy of Sciences, Themes on Neurosciences*; 72(3):438.
- Georgiou, TK, Ward, MA, Knight, P, Rikkou, MD, Vamvakaki, M, **Yamasaki, EN**, Phylactou, LA, Patrickios, CS (2010). Cationic star homo- and co-polymer for gene delivery. 3rd International Symposium Cellular Delivery of Therapeutic Macromolecules (26-29th June, Cardiff, UK), *Drug Discovery Today*; 15(23-24):1104-1104.

Reviewer

- Developmental Brain Research
- Brazilian Journal of Medical and Biological Sciences

Collaborations

- Dr. Daniela Uziel, Department of Anatomy, Federal University of Rio de Janeiro. Project: Effects of ethanol in the developing nervous system. Co-supervision of 2 graduate students. Completed.
- Dr. Thereza Quirico dos Santos, Laboratory of Neuroimmunology, Institute of Biology, Federal Fluminense University, Rio de Janeiro. Project: Involvement of acetylcholine and glutamate receptors in the physiopathology of Duchenne Muscular Dystrophy. Co-supervision of 1 graduate student (completed).
- Dr. Therese M. Jay, Research Director at INSERM, INSERM U 796 - University Paris Descartes, Pathophysiology of Psychiatric disorders. Project: Animal model of schizophrenia, GABAergic aspects. 2009-2010
- Dr. Luis Martinez Millan – University of the Basque Country. Project: Animal model of schizophrenia, GABAergic aspects. 2009-2010
- Dr. Regina Celia Cussa Kubrusly, Department of Physiology and Pharmacology, Federal Fluminense University. Project: Neurochemical aspects of brain development.
- Dr Reihard Schliebs – University of Leipzig, Germany. Project: Aging in Health

- Dr Anastasia Paschalidou – Democritus University of Thrace, Greece. Project: CYPHEW
- Dr Pavlos Kassomenos – University of Ioannina, Greece. Project: CYPHEW
- Dr Sotiris Vardoulakis – UK Health Protection Agency. Project CYPHEW
- Dr Theodoulos Mesimeris and Dr Kyriaki Ioannou – Department of Environment, Ministry of Agriculture, Natural Resources and Environment, Cyprus. Project CYPHEW
- Dr Costas Patrickios – University of Cyprus. Project: Characterization of Polymeric and Biological Systems using High-resolution Atomic Force Microscopy and Multi-angle Dynamic and Static Light Scattering, RPF funded 2011-2013.
- Dr Lorraine Leeson – Centre for Deaf Studies, Trinity College Dublin, Ireland. Project: Medisigns.

Experience:

Administrative

- Head of Department, Department of Life and Health Sciences, School of Sciences, University of Nicosia - April 2008 – March 2016
- Faculty Ranking Committee, School of Sciences, University of Nicosia – April 2008- March 2016
- Faculty Assessment Committee, School of Sciences, University of Nicosia – April 2008 – March 2016
- Ethics Committee, University of Nicosia – February 2009 – July 2011
- Ethics Committee, University of Nicosia, 2013 – present
- Steering committee of the DNA Registry and Archive for Biological Materials – Chairperson, June 2009 – present
- Acting Coordinator
 - Pharmacy program (December 2012 - September 2013),
 - Physiotherapy program (September-October 2013)

Management of Grants and Prizes:

- Research grant from the State of Rio de Janeiro Funding Agency, R\$ 6000,00 - December 1996 to November 1997.
- Prize Luis A. Vianna - for Junior Faculty - R\$ 5000,00 - July 1996 to July 1997.
- Research grant from the State of Rio de Janeiro Funding Agency, R\$ 7.600,00 - February 1998 to January 1999.
- Research grant from the Brazilian National Council for Research, R\$ 12.000,00 - November 1997 to October 1998.
- Cyprus Research Promotion Foundation, Project title:“Development of Novel Polymers as Synthetic Vehicles for Gene Transfer”, £ 27,000 (2002 - 2003), in collaboration with Dr. Costas Patrickios (principal investigator) at the UCY.
- Research grant from the State of Rio de Janeiro Funding Agency, R\$ 28,000.00, July 2004 to June 2006.

- Cyprus Research Promotion Foundation, Project title: “Climate change and public health: assessment of the effects of extreme weather and development of innovative prevention and mitigation strategies”, €179,120 (2010-2012), Coordinator.
- Leonardo Da Vinci, Project title: “Medisigns”, total grant € 299,250, amount allocated to Cyprus € 43,000 (2010-2012), CY coordinator.
- Cyprus Research Promotion Foundation, Project title: “Characterization of polymeric and biological systems using high-resolution atomic force microscopy and multi-angle dynamic and static light scattering”, € 500.000 (2012-2014), Infrastructure grant, collaborator
- Leonardo da Vinci, Project title: “Advancing work safety for pest control workers” total grant € 396,855 (2013-2014), collaborator.
- Erasmus+, Project title: “Supporting the Professionalisation of Health Engineering studies and Related areas in Asia /SPHERA”, €890,822.00, amount allocated to Cyprus €64,230 (2016-present), collaborator

Participation in Committees:

- 9 MSc thesis committees
- 3 PhD thesis committees
- Committee panel member for an Associate professor position at the Department of Physiology and Pharmacology at the Federal Fluminense University, August 2004.
- Committee panel member for full-time and part-time faculty positions at the Department of Life and Health Sciences at the University of Nicosia, since 2007.
- Ethics Committee, University of Nicosia, 2009-2011, 2013 – present
- Organizing committee Intensive Care Forum 2010
- Steering Committee, chairperson, DNA Registry and Archive for Biological Material, since 2009
- Ethics Committee, University of Nicosia, 2013 – present
- Steering committee for Health in a National project (EU funded Life + programme) entitled Development of a National Strategy for Adaptation to Climate Change Adverse Impacts in Cyprus (CYADAPT) 2010-2014.
- Scientific Committee, International Conference AdaptToClimate (<http://adapttoclimate.uest.gr/index.php/committees/scientific-committee>), March 2014.

Participation in Thesis Committees:

- B.Sc. monography of Stevens Kastrup Rehen, Federal University of Rio de Janeiro, August 1994.
- M.Sc. thesis revisor of Antônio Marcos Mello Moraes, Institute of Biophysics Carlos Chagas Filho, UFRJ, November 1996.
- M.Sc. thesis revisor of Paula Campello da Costa, Institute of Biophysics Carlos Chagas Filho, UFRJ, April 1997.
- Ph.D. thesis committee of Maria Fernanda Larcher de Almeida, Institute of Biophysics Carlos Chagas Filho, UFRJ, June 2002.
- M.Sc. thesis committee of Maria Cristina Salimena, Institute of Biology, Federal Fluminense University, June 2003.

- Ph.D. thesis committee of Nara Mazarakis Rubim, Institute of Biophysics Carlos Chagas Filho, UFRJ, July 2003.
- Ph.D. thesis revisor of Antônio Marcos Mello Moraes, Institute of Biophysics Carlos Chagas Filho, UFRJ, July 2003.
- M.Sc. thesis committee of Luciana A. Couto, Program in Morphology, Institute of Biological Sciences, UFRJ, December, 2003.
- Associate Professor position committee at the Department of Physiology and Pharmacology at the Federal Fluminense University, August 2004.
- M.Sc. thesis committee of Cristiane Bani Correa, 2004, Program in Neuroimmunology, Institute of Biology, UFF, 2005.
- M.Sc. thesis committee of Anna Lucia Rocha China Leal, Program in Neuroimmunology, Institute of Biology, UFF, 2005.
- M.Sc. thesis committee of Mona Lisa Leal Ferreira, Institute of Biophysics Carlos Chagas Filho, UFRJ, 2005
- M.Sc. thesis committee of Brian Njaine de Anchieta Ramos, Institute of Biophysics Carlos Chagas Filho, UFRJ, 2005.
- M.Sc. thesis committee of Camilla Zaverucha do Valle, Institute of Biophysics Carlos Chagas Filho, UFRJ, 2006.
- Ph.D. thesis committee of Eleni Fella, Cyprus School of Molecular Medicine, Cyprus, 2017.

Advisory

- Graduate Students:
 - Maria Fernanda Larcher de Almeida (MSc program, co-supervisor, 1999)
 - Paulo Emílio Corrêa-Leite (MSc program, co-supervisor, 2007)
 - Bernardo Stutz Xavier (MSc program, supervisor, 2007)
 - Clarissa de Sampaio Schitine (MSc program, supervisor, 2007)
 - Ricardo Noboro Isayama (Ph.D program, co-supervisor, 2008)
 - Jean Pierre Mendes Lima (MSc program, co-supervisor, 2008)
 - Antonis Stylianides (PhD program, main supervisor, 2016 – present)
- Undergraduate students:
 - Valéria Destefani Barbosa (Medicine)
 - Lívia D'Elia (Physiotherapy)
 - Leandro de Oliveira Molina (Physiotherapy)
 - Douglas Vendas Faget (Biomedicine)
 - Samantha Alegria (Physiotherapy)
 - Clarissa de Sampaio Schitine (Biomedicine)
 - Bernardo Stutz Xavier (Biomedicine)
 - Ana Carolina Feijão (Medicine)
 - Fernando Samu (Medicine)

- Undergraduate Thesis supervisor:
 - Clarissa de Sampaio Schitine
 - Bernardo Stutz Xavier
 - Myrofora Nicolaou
 - 2013-2014: overall theme – the Brain in Menopause
 - Eleni Violari – characterization of a mouse model for menopause, phytoestrogens and the GABAergic system
 - Eleni Hadjicosta – hormone replacement therapy and the GABAergic system
 - Christos Paisiou – GABA agonist therapy in menopause
 - 2014-2015
 - Anastasis Nicolaou
 - Georgia Ioannou
 - 2015-2016
 - Polina Pantelidou
 - Katerina Kyriakou
 - Ermioni Mina

Teaching

- Course leader for the undergraduate courses in the Human Biology program at the University of Nicosia
 - BIOL 205 - Human Anatomy and Physiology I (2007-2011)
 - BIOL 206 - Human Anatomy and Physiology II, 2007-2014,
 - BIOL 301 – Developmental Biology and Human Embryology, 2010- March 2016,
 - BIOL 461 – Cellular Neuroscience, 2011- March 2016
- Course leader for the undergraduate courses in the Nursing program at the University of Nicosia
 - NUR 230 – Pathophysiology (2008-2010),
 - NURS-105 - Introduction to Anatomy and Physiology (2010 – 2011)
 - NUR 216 – Pharmacology (2009)
- Demonstrator for Anatomy in the postgraduate course in Medicine (SGUL at the UNIC) – 2012-present
- Co-responsible for the postgraduate course "Molecular Basis for Neurochemical Differentiation in the Central Nervous System", taught at the Instituto de Biofisica Carlos Chagas Filho, Universidade Federal do Rio de Janeiro, 1995-2006.
- Co-responsible for the "Retinal Neurochemical Seminars" in the Laboratório de Neurobiologia da Retina at the Instituto de Biofisica Carlos Chagas Filho, Universidade Federal do Rio de Janeiro, 1995-2006.

- Co-responsible for the postgraduate course "Fundamental Neurobiology ", for postgraduate students at the Instituto de Biofísica Carlos Chagas Filho, Universidade Federal do Rio de Janeiro, 1997-1998, 2003-2006.
- Coordinator of the undergraduate courses: Physiology and Biophysics and Integrated course in Neurobiology for undergraduate students in Phonoaudiology, March 1997 to August 1998.
- Co-responsible for the undergraduate course Physiology and Biophysics and Integrated course in Neurophysiology for Medical Students, 2003-2006.
- Coordinator of the graduate course "Fundamental Neurosciences" for graduate students at the Institute of Biological Sciences, Program in Morphology, Federal University of Rio de Janeiro, 2004-2006.
- Undergraduate courses for Nursing, Anatomy and Physiology I and II, Pathophysiology, Pharmacology, 2007-2011.
- Undergraduate courses for Human Biology, Nutrition and Dietetics, Sports Sciences, Pre Medicine program, Anatomy and Physiology I and II, 2007-2011 at Intercollege.
- Undergraduate courses taught for the Nursing, Physiotherapy, Phonoaudiology and Medicine (1996-2006):
 - General Physiology,
 - Introduction to Biophysics,
 - Neurophysiology
- Graduate courses taught in the Program in Neurobiology at the Institute of Biophysics Carlos Chagas Filho, Federal University of Rio de Janeiro (1996-2006):
 - Fundamental Neurobiology,
 - Basic Neurochemistry,
 - Molecular Basis for Neurochemical Differentiation in the Central Nervous System,
 - Neurobiology of the Mammalian Retina

Participation in International schools:

- Second IBRO School of Neuroscience: Developmental Neurobiology, Rio de Janeiro, Brazil, Sept 27-Oct 14,2004, Organizer Roberto Paes de Carvalho. Faculty teaching in the School of Neuroscience.

Professional Development – Learning and Teaching in Higher Education:

- Train the Trainer (2009) - training seminars, CARDET – University of Nicosia
- E-Learning (2010) – LAMS platform, training seminar – University of Nicosia
- Continuous Professional Academic Development Programme in Learning and Teaching in Higher Education (CPAD) – Part A (2011) – Intercollege
- Educational Supervisor in the course PgCert Healthcare & Biomedical Education of St George's University of London for the Medical program at UNIC (since 2011).

Conference organization:

- COST B30 meeting (Management Committee and Working Group meetings) in Larnaca, Cyprus. October 24-25th 2009. Organizer: Edna Yamasaki Patrikiou

- Climate Change and Public Health, Nicosia, Cyprus. June 24th 2011. Organizer: Edna Yamasaki Patrikiou
- Medisigns – Reaching for the Deaf Community. April 18th 2012. Organizer: Edna Yamasaki Patrikiou
- Climate Change and Public Health, Nicosia, Cyprus. September 28th 2012. Organizer: Edna Yamasaki Patrikiou

Other activities/hobbies:

- Department of Life and Health Sciences newsletter, Editorial Board
- Department of Life and Health Sciences summer camp, Organization and Teaching
- Ministry of Education and Culture, Cypriot Sign Language (completed 1st year)
- Scuba Diving