

## CURRICULUM VITAE

### PERSONAL INFORMATION

Last Name	<b>Leontiadis</b>
First Name	<b>Leonidas</b>
Father's Name	<b>Jordan</b>
Title	<b>Assistant Professor</b>
Telephone	+30 2610 962395 (γραφείο)
E-mail address	<a href="mailto:ljleontas@upatras.gr">ljleontas@upatras.gr</a> , <a href="mailto:ljleontas@gmail.com">ljleontas@gmail.com</a>
Current professional position	Assistant Professor, tenure track Laboratory of Human & Animal Physiology Section of Animal Biology, Biology Department University of Patras University Campus, 26504 Rio-Patras, Achaia, GREECE
Scientific profiles	<a href="#">Researchgate</a> , <a href="#">LinkedIn</a>

## EDUCATION & STUDIES

2012

### **PhD in Biological Sciences**

Thesis title: “**Functional interactions of proteins with G-protein coupled receptors**”

Department of Biochemistry and Molecular Biology, Faculty of Biology, School of Science, National and Kapodistrian University of Athens (NKUA), Greece. Research conducted at NCSR “Demokritos”, supervisor Dr. Zafiroula-Iro Georgoussi.

2001

### **BSc in Biology**

Biology Department, School of Natural Sciences, University of Patras, Greece

## ACADEMIC POSITIONS

2025 – today

### **Assistant Professor, tenure track**

Laboratory of Human & Animal Physiology, Section of Animal Biology, Biology Department University of Patras

2018 – 2025

### **Postdoctoral Researcher**

Laboratory of Physiology, School of Medicine, University of Patras, Patras, Greece. Supervisor: Prof. Costas Papatheodoropoulos

2023 – 2024

### **Visiting Professor**

Department of Nursing, University of Patras

2022 – 2023

### **Lecturer**

Biology Department, University of Patras

## RESEARCH EXPERIENCE

### Participation in funded research projects and activities

2024 – 2025

#### Postdoctoral Research

Postdoctoral researcher in the research program "OPIoid-induced AUTOphagy, NEUronal plasticity and stress-related behavioral Disorders – OPIAUTO-NEUD" (proposal no.: 14803, FK: 82976, collaborative research program, headed by the Cell Signaling and Molecular Pharmacology Laboratory, NCSR "Demokritos," under the supervision of Research Director Z. Georgoussi) as part of the Action "Funding of Basic Research (Horizontal Support for all Sciences), National Recovery and Resilience Plan (Greece 2.0)"; Laboratory of Physiology, School of Medicine, University of Patras; under the scientific supervision of Prof. C. Papatheodoropoulos

2021 – 2023

#### Postdoctoral Research

Postdoctoral researcher in the research project "Preclinical testing of the efficacy of agonists and antagonists of the endocannabinoid system in an animal model of autism – Rat Fmr1 KO – CANNABinAutism" (Project Code: T2EΔK-02075, MIS: 5067583, ΦΚ: 81358, collaborative research program, headed by the Laboratory of Pharmacology, Department of Medicine, University of Ioannina, under the supervision of Prof. K. Antoniou) as part of the National Action: Research>Create-Innovate Cycle II: Competitiveness, Entrepreneurship & Innovation (EPAnEK 2014–2020); Laboratory of Physiology, School of Medicine, University of Patras; under the scientific supervision of Prof. C. Papatheodoropoulos

2018 – 2020

#### Postdoctoral Research

Postdoctoral researcher in the research project "The ontogeny of autism in the cerebral cortex: when, where and how?" (FK 80592) as part of the Action "1st Call for ELIDEK Research Projects to Support Postdoctoral Researchers."; Laboratory of Physiology, School of Medicine, University of Patras; under the scientific supervision of Dr. Pavlos Rigas and moderation of Prof. C. Papatheodoropoulos.

2002 – 2012                      **Research work for the acquisition of a PhD degree**, Laboratory of Cell Signaling and Molecular Pharmacology, Institute of Biosciences and Applications, NCSR "Demokritos"; under the supervision of Research Director Z. Georgoussi.

2001 – 2002                      **Postgraduate rotation** in laboratories at the Institute of Biological Applications, NCSR "Demokritos" prior to the commencement of the doctoral thesis: short-term training in laboratories 1) Cellular Proliferation and Aging (supervisor Dr. D. Kletsas), 2) Molecular Genetics of Insects and Biotechnology (supervisor Dr. K. Iatrou), 3) Cellular Signaling and Molecular Pharmacology (supervisor Dr. Z. Georgousi)

### **Participation in other research projects and activities**

2017 – 2018                      **Postdoctoral practical training in the specialized technique of patch-clamp electrophysiology**

Collaboration with the Experimental Neurophysiology Laboratory, Department of Neurology I, Medical School of the National and Kapodistrian University of Athens, Aeginition Hospital, Athens, supervised by Professor Kornilia Pouloupoulou, in order to receive introductory training in the specialized method of patch-clamp electrophysiology.

2015 – 2017                      **Postdoctoral practical training in research using the electrophysiology method**

Collaboration with the Neurophysiology Laboratory, Basic Research Center, Institute of Biomedical Research of the Academy of Athens (IBRAA) under the supervision of Dr. Irini Skaliora, in order to receive practical training and gain experience in the method of electrophysiology. Contribution to laboratory programs and experiments, reflected through participation in international conferences and publication of work in an international scientific journal.

2006 – 2010                      **FP6-Health Sciences (STREP) “NORMOLIFE”** (LSHC-CT2006-37733) funded by the EU for the “Development of new therapeutic agents and strategies for the treatment of pain in patients with advanced cancer”. Coordinator of the consortium: Prof. A.W. Lipkowski, Head of the Greek research team: Dr. Z. Georgoussi

2004 – 2006

**Poland-Greece bilateral cooperation program** funded by the General Secretariat for Research and Technology (GSRT) entitled "The role of regulators of G protein signaling (RGS) in the action of opioid receptors". Coordinator: Prof. A.W. Lipkowski, Head of the Greek research team: Dr. Z. Georgousi

2000 – 2001

**Undergraduate research project** at the Biology Laboratory, Department of Biology, University of Patras, under the supervision of Professors V. Marmaras and M. Lambropoulou, with the aim of completing a graduate thesis. Thesis title: "Study of a model of tyrosine-phosphorylated proteins from blood cells of mutant strains of the insect *Ceratitis capitata*."

1999, July

**Short-term undergraduate internship** at the Cell Signaling and Molecular Pharmacology Laboratory, Institute of Biosciences and Applications, NCSR "Demokritos" under the supervision of Dr. Z. Georgousi. Thesis title: "Study of opioid receptors – Preparation and evaluation of the suitability of an antibody that binds to a specific region of the  $\delta$ -opioid receptor."

## TEACHING EXPERIENCE

- 2023 – 2024      **Teaching of the compulsory undergraduate course "Physiology I"** in the Department of Nursing, University of Patras, 1st semester, as part of the program "Teaching Work: Selection of Visiting Professors - Visiting Researchers in accordance with Article 171 of Law 4957/2022, for the academic year 2023-2024 for the Department of Nursing, University of Patras" (Ref. No.: 82699) Teaching the compulsory undergraduate course of the Department of Nursing, University of Patras, "Physiology I," first semester, as part of the program "Teaching Work:
- 2022 – 2023      **Teaching undergraduate courses "Brain and Mind" and "Experimental Animal Physiology"** in the Department of Biology, University of Patras, 7th and 6th-8th semesters, respectively (Scientific Field 2: Animal Physiology - Neurobiology), as part of the program "Acquisition of Academic Teaching Experience for Young Scientists with Doctorates, for the academic year 2022-2023 at the University of Patras" (FK/MIS: 82190 / 5180798)
- 2003 – 2009      **Adjunct work:** participation in conducting laboratory exercises for the undergraduate courses **"Biochemistry I"**, **"Biochemistry II"**, **"Clinical Chemistry"** of the Department of Biology and the undergraduate course **"Biochemistry"** of the Department of Pharmacy, in the Division of Biochemistry and Molecular Biology, Department of Biology, National and Kapodistrian University of Athens, during the academic years 2003-2004 to 2008-2009.
- 2020 – 2021, 2022 – 2023      Supervision and practical training of undergraduate students in the Department of Biology, University of Patras, Danae Mitsea, Niki Panagiotou, Ioanna-Alexia Tsiokou, Agathi Erda, during my postdoctoral work at the Neurophysiology Unit, Physiology Laboratory, School of Medicine, University of Patras.
- 2005 – 2008      Supervision and practical training of graduate students Danae Papaioannou, Themistoklis Kotsogiannis, Michalis Sarris, Fotis Nikolos, doctoral candidates Irini Georganta, Maria Papakonstantinou, and postdoctoral researchers Adamantia Agalou and Danae Fourla at the Cell Signaling and Molecular Pharmacology Laboratory, Institute of Biology, NCSR "Demokritos," during my doctoral dissertation research

## SCHOLARSHIPS

2017, April	Selected to participate in the FENS Spring Brain Conference 2017: Learning, Memory and Synaptic Plasticity, Rungstedgaard, Denmark
2016, May – June	Selected to participate in the FENS – SfN Summer School 2016: Cellular Mechanisms and Networks in Addiction, Bertinoro, University of Bologna, Italy
2008, June	Scholarship to attend the FEBS-IUBMB World Congress of Biochemistry and Molecular Biology, Athens, Greece
2007, July	Scholarship from the International Narcotics Research Conference society to attend 2007 INRC meeting, Berlin, Germany
2006, June	Scholarship from the Graduate Scholarship Programme of NCSR “Demokritos” to attend the 31 <sup>st</sup> FEBS Congress “Molecules in Health and Disease”, Constantinople, Turkey
2004, July	Scholarship from the International Narcotics Research Conference society to attend 2004, Kyoto, Japan
2001, November	Admission to the PhD Candidate Program of NCSR “Demokritos” and award of a 4.5-year scholarship for the preparation of a doctoral thesis at the Laboratory of Cell Signaling and Molecular Pharmacology, Institute of Biosciences and Applications (formerly Institute of Biology). The scholarship was awarded following written examinations and a personal interview
2000, May	Performance scholarship and Award from the Greek National Institute of Scholarships for student excellence during the 1st undergraduate year at the University of Patras (1997-1998)

## PUBLICATIONS

### International Scientific Journals

(under preparation) **Leontiadis L.J.**, Trompoukis G., Tsotsokou G., Miliou A., Papatheodoropoulos C. “Neurophysiological modulation of neuronal networks by Cannabidiol in the hippocampus of a rat model of Fragile X syndrome”

(under preparation) **Leontiadis L.J.**, Trompoukis G., Tsotsokou G., Miliou A., Papatheodoropoulos C. “Sharp-wave ripples and short-term synaptic plasticity regulation through activation of the CB1 cannabinoid receptor in the hippocampus of Fmr1-KO rat”

Tsotsokou G., Miliou A., Trompoukis G., **Leontiadis L.J.**, Papatheodoropoulos C. (2024). “Region-Related Differences in Short-Term Synaptic Plasticity and Synaptotagmin-7 in the Male and Female Hippocampus of a Rat Model of Fragile X Syndrome”. *International Journal Molecular Sciences* 25(13): 6975. doi: 10.3390/ijms25136975. PMID: 39000085; PMCID: PMC11240911. Impact Factor (I.F.) (2023): 4.9, Scimago (SJR) (2023): Q2. Bibliographic citations: 0, Non self-citations: 0

**Leontiadis L.J.**, Felemegkas P., Trompoukis G., Tsotsokou G., Miliou A., Karagianni E., Rigas P., Papatheodoropoulos C. (2024). “Septotemporal variation of information processing in the hippocampus of Fmr1 KO rat”. *Developmental Neuroscience*. doi: 10.1159/000537879. PMID: 38368859. I.F. (2023): 2.3, SJR (2023): Q2. Bibliographic citations: 1, Non self-citations: 0

Ntoulas G., Brakatselos C., Nakas G., Asprogerakas M.Z., Delis F., **Leontiadis L.J.**, Trompoukis G., Papatheodoropoulos C., Gkikas D., Valakos D., Vatsellas G., Politis P.K., Polissidis A., Antoniou K. (2024). “Multi-level profiling of the Fmr1 KO rat unveils altered behavioral traits along with aberrant glutamatergic function”. *Translational Psychiatry* 14(1): 104. doi: 10.1038/s41398-024-02815-0. PMID: 38378836; PMCID: PMC10879511. I.F. (2023): 5.8, SJR (2023): Q1. Bibliographic citations: 1, Non self-citations: 1

**Leontiadis L.J.**, Trompoukis G., Tsotsokou G., Miliou A., Felemegkas P., Papatheodoropoulos C. (2023). “Rescue of sharp wave-ripples and prevention of network hyperexcitability in the ventral but not the dorsal hippocampus of a rat model of fragile X syndrome”. *Frontiers in Cellular Neuroscience* 17: 1296235. doi: 10.3389/fncel.2023.1296235. PMID: 38107412; PMCID: PMC10722241. I.F. (2023): 4.2, SJR (2023): Q2. Bibliographic citations: 2, Non self-citations: 0

**Leontiadis L.J.**, Trompoukis G., Felemegkas P., Tsotsokou G., Miliou A., Papatheodoropoulos C. (2023). “Increased Inhibition May Contribute to Maintaining Normal Network Function in the Ventral Hippocampus of a Fmr1-Targeted Transgenic Rat Model of Fragile X Syndrome”. *Brain Sciences* 13(11): 1598. doi: 10.3390/brainsci13111598. PMID: 38002556; PMCID: PMC10669536. I.F. (2023): 2.7, SJR (2023): Q2. Bibliographic citations: 2, Non self-citations: 0



Trompoukis G., **Leontiadis L.J.**, Rigas P., Papatheodoropoulos C. (2021). "Scaling of network excitability and inhibition may contribute to the septotemporal differentiation of sharp waves-ripples in rat hippocampus *in vitro*". *Neuroscience*, 458: 11-30. doi: 10.1016/j.neuroscience.2020.12.033. Epub 2021 Jan 17. PMID: 33465412.

I.F. (2021): 3.708, SJR (2021): Q2. Bibliographic citations: 2, Non self-citations: 1

Trompoukis G., Rigas P., **Leontiadis L.J.**, Papatheodoropoulos C. (2020). "I<sub>h</sub>, GIRK, and KCNQ/Kv7 channels differently modulate sharp wave - ripples in the dorsal and ventral hippocampus". *Molecular and Cellular Neurosciences*, 107: 103531. doi: 10.1016/j.mcn.2020.103531. Epub 2020 Jul 22. PMID: 32711112.

I.F. (2020): 3.182, SJR (2020): Q2. Bibliographic citations: 7, Non self-citations: 4

Rigas P., Sigalas C., Nikita M., Kaplanian A., Armaos K., **Leontiadis L.J.**, Zlatanov C., Kapogiannatou A., Peta C., Katri A., Skalioti I. (2018). "Long-Term Effects of Early Life Seizures on Endogenous Local Network Activity of the Mouse Neocortex". *Frontiers in Synaptic Neuroscience*, 10: 43. doi: 10.3389/fnsyn.2018.00043. PMID: 30538627; PMCID: PMC6277496.

I.F. (2018): 4.71, SJR (2018): Q1. Bibliographic citations: 6, Non self-citations: 5

Rigas P., **Leontiadis L.J.**, Tsakanikas P., Skalioti I. (2017). "Spontaneous neuronal network persistent activity in the neocortex: a(n) (endo)phenotype of brain (patho)physiology". *Advances in Experimental Medicine and Biology*, 988: 235-247. doi: 10.1007/978-3-319-56246-9\_19. PMID: 28971403.

I.F. (2016): 1.881, SJR (2016): Q2. Bibliographic citations: 2, Non self-citations: 0

(Συμμετοχή στο 2nd World Congress on Genetics, Geriatrics and Neurodegenerative Diseases Research - GeNeDis 2016, 20-23 Οκτωβρίου 2016, Σπάρτη)

**Leontiadis L.J.**, Papakonstantinou M.-P., Georgoussi Z. (2009). "Regulator of G protein signaling 4 confers selectivity to specific G proteins to modulate mu- and delta-opioid receptor signaling". *Cellular Signalling*, 21(7): 1218-28. doi: 10.1016/j.cellsig.2009.03.013. Epub 2009 Mar 24. PMID: 19324084.

I.F. (2009): 4.094, SJR (2009): Q1. Bibliographic citations: 41, Non self-citations: 31

Georgoussi Z., **Leontiadis L.**, Mazarakou G., Merkouris M., Hyde K., Hamm H. (2006). "Selective interactions between G protein subunits and RGS4 with the C-terminal domains of the mu- and delta-opioid receptors regulate opioid receptor signaling". *Cellular Signalling*, 18(6): 771-82. doi: 10.1016/j.cellsig.2005.07.003. Epub 2005 Aug 24. PMID: 16120478.

I.F. (2006): 4.887, SJR (2006): Q1. Bibliographic citations: 92, Non self-citations: 77

## Research monographs

**Leonidas J. Leontiadis** (2012). "Functional interactions of proteins with G protein-coupled receptors". Doctoral thesis, Division of Biochemistry and Molecular Biology, Department of Biology, National and Kapodistrian University of Athens.

**Leonidas J. Leontiadis** (2001). "Study of the tyrosine-phosphorylated protein pattern from blood cells of mutant strains of the insect *Ceratitis capitata*." Undergraduate thesis, Biology Laboratory, Department of Biology, University of Patras.

## Conference Articles in Collective Volumes and Proceedings

**L.J. Leontiadis**, E. Karagianni, G. Trompoukis, C. Papatheodoropoulos, P. Rigas (2020). “Differential short-term plasticity at the dorsal pole of the hippocampus between the wild type and a rat model of Autism”.

FENS 2020 Virtual Forum, 11-15 July 2020, online due to coronavirus

P. Rigas, A. Kaplanian, C. Zlatanov, **L. Leontiadis**, K. Armaos, I. Skalioti (2016). “Early life seizures have distinct and region-specific effects on cortical dynamics”. *Proceedings of AREADNE 2016*, J.S. Pezaris, N.G. Hatsopoulos (eds.), Santorini, Greece, 22-26 June 2016, published by The AREADNE Foundation, Inc., Cambridge, Massachusetts, USA; p.103

AREADNE 2016 Conference “Research in Encoding and Decoding of Neural Ensembles”, 22-26 June 2016, Santorini, Greece

P. Rigas, C. Sigalas, **L. Leontiadis**, M. Nikita, A. Kapogiannatou, I. Skalioti (2015). “Spontaneous Up states as a functional index of cortical network maturation and a sensitive marker of developmental insults”. Programm and Abstract Book, NC20, p. 56.

FENS Featured Regional Meeting (FFRM) 2015, 7-10 October 2015, Thessaloniki, Greece

M.-P. Papakonstantinou, **L.J. Leontiadis**, Z. Georgoussi (2013). “Interactions of Opioid Receptors with Regulators of G protein Signalling”. Abstracts of the 64<sup>th</sup> Conference, Hellenic Society of Biochemistry and Molecular Biology (HSBMB), Vol. 59, p. 25.

64<sup>th</sup> Conference of the HSBMB, 6-8 December 2013, Athens, Greece

M.-P. Papakonstantinou, **L.J. Leontiadis**, Z. Georgoussi (2013). “Interactions of opioid receptors with Regulators of G protein Signalling”. Abstract Book of the 26<sup>th</sup> Meeting of the Hellenic Society for Neuroscience (HSfN) jointly with FP7 REGPOT NEUROSIGN “Translational Neuroscience: Understanding brain function to treat dysfunction”, p. 78.

26<sup>th</sup> Meeting of the HSfN jointly with FP7 REGPOT NEUROSIGN “Translational Neuroscience: Understanding brain function to treat dysfunction”, 29 November - 1 December 2013, Athens, Greece

M.-P. Papakonstantinou, **L. Leontiadis**, S.M. Vrana, L. Tsoutsis, Z. Georgoussi (2012). “Regulator of G protein signaling (RGS) proteins-opioid receptor interactions: drug targets modulating opioid receptor signaling”.

International Conference on Chemistry for Health, 9-14 September 2012, National Hellenic Research Foundation, Athens, Greece

M.-P. Papakonstantinou, **L.J. Leontiadis**, F. Nikolos, Z. Georgoussi (2012). “Interactions of two members of the B/R4 subfamily of Regulators of G protein Signaling with kappa and delta opioid receptors differentially modulate their signaling”. *Hippokratia*, Vol. 16 (S1): 11.

7<sup>th</sup> Panhellenic Congress of Pharmacology, Greek Society of Pharmacology (GSP), 18-20 May 2012, Thessaloniki, Greece

I.F. (2012): 0.589, SJR (2012): Q3

M.-P. Papakonstantinou, **L.J. Leontiadis**, M. Sarris, F. Nikolos, Z. Georgoussi (2011). "RGS2 and RGS4 proteins act as novel modulators of kappa and delta opioid receptors signaling". *Pharmacological Reports*, Vol. 63(1): 236.  
8th European Opioid Conference, 13-15 April 2011, Krakow, Poland  
I.F. (2011): 2.445, SJR (2012): Q2

M.-P. Papakonstantinou, **L.J. Leontiadis**, F. Nikolos, M. Sarris, Z. Georgoussi (2010). "RGS2 and RGS4 proteins differentially modulate delta and kappa opioid receptor signaling". *FEBS Journal*, Vol. 277 (S1): 145-6.  
35th Federation of European Biochemical Societies (FEBS) Congress, "Molecules of Life", 26 June - 1 July 2010, Gothenburg, Sweden  
I.F. (2011): 3.129, SJR (2010): Q2

**L.J. Leontiadis**, M.-P. Papakonstantinou, Z. Georgoussi (2010). "Regulator of G protein signaling 4: A novel regulator of  $\mu$ - and  $\delta$ -opioid receptor signaling". *Review of Clinical Pharmacology and Pharmacokinetics, International Edition*, Vol. 24 (2): 168-170.  
6<sup>th</sup> Annual Meeting (6<sup>th</sup> Panhellenic Congress of Pharmacology), Greek Society of Pharmacology (GSP), 4-6 June 2010, Heraklion, Greece  
SJR (2010): Q3

M.-P. Papakonstantinou, **L.J. Leontiadis**, F. Nikolos, M.-Sarris, Z. Georgoussi (2010). "Delta and kappa opioid receptor signaling is differentially modulated by RGS4 and RGS2 proteins". Book of Abstracts of the 61<sup>st</sup> Conference, HSBMB, Vol. 56.  
61<sup>st</sup> Conference of the HSBMB, 15-17 October 2010, Alexandroupolis, Greece

M.-P. Papakonstantinou, **L.J. Leontiadis**, F. Nikolos, M. Sarris, Z. Georgoussi (2010). "Regulators of G protein signaling RGS4 and RGS2: novel modulators of delta and kappa opioid receptor signaling". Program and Abstract Book of the Neuroscience Days of the HSfN, p. 55.  
Neuroscience Days of the HSfN, 1-2 October 2010, Athens

M.-P. Papakonstantinou, M. Sarris, F. Nikolos, **L.J. Leontiadis**, D.D. Fourla, Z. Georgoussi (2009). "RGS2 protein: a new modulator of opioid receptor signaling". Book of Abstracts of the 60<sup>th</sup> Meeting, HSBMB, Vol. 55, p. 187.  
60<sup>th</sup> Conference of the HSBMB, 20-22 November 2009, Athens, Greece

M.-P. Papakonstantinou, **L.J. Leontiadis**, M. Sarris, Z. Georgoussi (2008). "RGS4 protein interacts with  $\mu$ - and  $\delta$ - opioid receptors to modulate their internalization fate". Proceedings of the 22<sup>nd</sup> Conference of the HSfN, "From Cells to Behavior", p. 111.  
22<sup>nd</sup> Conference of the HSfN "From Cells to Behaviour", 16-19 October 2008, Athens, Greece

**L.J. Leontiadis**, M.-P. Papakonstantinou, M. Sarris, Z. Georgoussi (2008). "RGS4 regulates opioid receptor signaling". Program and Abstracts of the International Narcotics Research Conference (INRC) 2008, p. 62.  
INRC 39th Annual Meeting, 13-18 July 2008, Charleston, South Carolina, USA

**L. Leontiadis** and Z. Georgoussi (2008). "RGS4 protein: A novel interacting protein essential for mu- and delta- opioid receptor signaling". *FEBS Journal*, Vol. 275 (S1): 338.

33rd Federation of European Biochemical Societies (FEBS) Congress & 11th International Union of Biochemistry and Molecular Biology (IUBMB) Conference, "Biochemistry of Cell Regulation", 28 June - 3 July 2008, Athens, Greece

SJR (2008): Q2

**L.J. Leontiadis**, M.-P. Papakonstantinou, M. Sarris, Z. Georgoussi (2008). "RGS4 and RGS2 differentially modulate opioid receptor signaling". *Review of Clinical Pharmacology and Pharmacokinetics, International Edition*, Vol. 22 (2): 214-216.

5th Panhellenic Congress of Pharmacology, Greek Society of Pharmacology (GSP), 23-25 May 2008, Athens, Greece

SJR (2008): Q3

Z. Georgoussi, **L.J. Leontiadis**, E.-M. Georganta, M. Papakonstantinou, M. Sarris, D.-D. Fourla, A. Agalou (2008). "Chimeric peptides corresponding to intracellular regions of opioid receptors as baits for screening novel receptor-interacting partners" in *6th Hellenic Forum on Bioactive Peptides* (Eds. Paul A. Cordopatis, Evy Manessi-Zoupa, George Pairas), p. 83-88. 6th Hellenic Forum on Bioactive peptides, 18-20 May 2008, Patras, Greece

**L.J. Leontiadis** and Z. Georgoussi (2007). "RGS4 protein: new player in  $\mu$ - and  $\delta$ - opioid receptor signaling". Book of Abstracts of the 59th Meeting, HSBMB, Vol. 54, p. 175.

59th Conference of the HSBMB, 7-9 December 2007, Athens, Greece

**L. Leontiadis**, M.-P. Papakonstantinou, Z. Georgoussi (2007). "RGS4 interacts directly with mu- and delta-opioid receptors to regulate their signaling". Program and Abstracts of the International Narcotics Research Conference (INRC) 2007, p. 38.

INRC 38<sup>th</sup> Annual Meeting, 8-13 July 2007, Berlin, Germany

**L.J. Leontiadis**, M.-P. Papakonstantinou, M. Sarris, Z. Georgoussi (2007). "Mapping the site of interaction of RGS4 with  $\mu$ - and  $\delta$ - opioid receptors". Proceedings of the 29<sup>th</sup> Scientific Conference of the Hellenic Association for Biological Sciences, p. 216-7.

29<sup>th</sup> Annual Conference of the Hellenic Society for Biological Sciences, 17-19 May 2007, Kavala, Greece

**L.J. Leontiadis** and Georgoussi Z. (2007). "RGS4 protein interacts with the carboxylterminal tails of the  $\mu$ - and  $\delta$ -opioid receptors". *Epitheorese Klinikes Farmakologias kai Farmakokinetikes*, Vol. 25(1): 72-74.

8th Pharmacology Day, Greek Society of Pharmacology (GSP), 24 February 2007, Athens, Greece

SJR (2008): Q4

**L. Leontiadis** and Z. Georgoussi (2006). "The COOH tail of  $\mu$ - and  $\delta$ - opioid receptors: 'magic tail' in action". Book of Abstracts of the 58th Meeting, HSBMB, Vol. 53, p. 136, and Proceedings of the 58<sup>th</sup> Meeting, Vol. 53.

58th Conference of the HSBMB, 9-11 November 2006, Patras, Greece

**L.J. Leontiadis**, H.E. Hamm, Z. Georgoussi (2006). "The carboxyl-terminal tail of the mu opioid receptor - docking site for RGS4 protein binding". *FEBS Journal*, Vol. 273 (S1): 101-102. 31st Federation of European Biochemical Societies (FEBS) Congress "Molecules in Health and Disease", 24-29 June 2006, Constantinople, Turkey  
SJR (2006): Q2

**L. Leontiadis**, H. Hamm, Georgoussi Z. (2006). "The C-terminal domain of the mu-opioid receptor is an anchor domain for direct RGS4 protein binding regulating opioid receptor signaling". *Keystone Symposia, G Protein-Coupled Receptors: Evolving Concepts and New Techniques*, P.A. Insel, G. Milligan, D.M. Perez (Eds.).  
Keystone Symposia on Molecular and Cellular Biology "G Protein-Coupled Receptors: Evolving Concepts and New Techniques", 12-17 February 2006, Keystone, Colorado, USA

**L. Leontiadis**, H. Hamm, Z. Georgoussi (2005). "The COOH tail of the  $\mu$ -opioid receptor forms tight complexes with RGS4 and  $G\alpha$  to regulate opioid receptor signaling". Book of Abstracts of the 57th Meeting, HSBMB, Vol. 52, p. 129, and Proceedings of the 57th Meeting, Vol. 52, p. 409-11.  
57th Conference of the HSBMB, 9-11 December 2005, Athens, Greece

**L. Leontiadis**, H. Hamm, Z. Georgoussi (2005). "Differential binding of  $G\alpha$  but not of  $G\beta\gamma$  complexes to distinct intracellular domains of the  $\mu$ - and  $\delta$ - opioid receptors". Proceedings of the 27th Scientific Conference of the Hellenic Society for Biological Sciences, p. 205-6.  
27th Scientific Conference of the Hellenic Society for Biological Sciences, 12-15 May 2005, Nafplion, Greece

**L. Leontiadis**, G. Mazarakou, H. Hamm, Z. Georgoussi (2004). "Direct interaction of the carboxyl-terminal tails of the  $\mu$ - and  $\delta$ - opioid receptors with G protein subunits". Book of Abstracts of the 56th Meeting, HSBMB, Vol. 51, p. 84, and Proceedings of the 56th Meeting, Vol. 51.  
56th Conference of the HSBMB, 25-27 November 2004, Larissa, Greece

**L. Leontiadis**, K. Hyde, H. Hamm, Z. Georgoussi (2004). "Direct interaction of the third intracellular loop of the  $\delta$ - opioid receptor with G protein subunits". Program and Abstracts of the International Narcotics Research Conference (INRC) 2004, p. 68.  
INRC 35<sup>th</sup> Annual Meeting, 18-23 July 2004, Kyoto, Japan

## **MEMBER OF SCIENTIFIC SOCIETIES**

- Full member of the **Hellenic Society for Biochemistry and Molecular Biology (H.S.B.M.B. – society member of F.E.B.S.)**
- Full member of the **Hellenic Society for Neuroscience (H.S.N.)** and consequently of the international societies **F.E.N.S.** and **I.B.R.O.**