

American Society for Neurochemistry

Job Seeker Description	
Contact Information	
Last Name	PANCANI
First Name	TRISTANO
Address	UK Medical Center, 800 rose St., Department of Molecular and Biomedical Pharmacology, Room MS310
City, State & Zip Code	Lexington, KY, 40536
Country	United States
Phone	8592277702
Email	tpanc2@uky.edu
Citizenship	Italian
Residency status	Italian currently in OPT visa
Education	Biology (Italy) and Ph.D. University of Kentucky
Major areas of expertise	Electrophysiology, Ca ²⁺ imaging
Local address during ASN meeting	Hyatt Regency St. Loui at the Arch
Job Hunting	
Objective	RESEARCH
Desired Salary	
Job Categories	<input checked="" type="checkbox"/> Academic <input type="checkbox"/> Industrial
Job Type	<input type="checkbox"/> Temp <input type="checkbox"/> Part time <input checked="" type="checkbox"/> Full time
Job Level	<input checked="" type="checkbox"/> Postdoc <input type="checkbox"/> Entry level <input type="checkbox"/> Experienced
Relocation	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Resume	<u>EDUCATION</u>
	1990-1995 High School Diploma in accounting

2001-2002 Diploma in Sound Engineering “Audio Recording and Mixing Techniques”, Florence, IT

2001-2003 Student at the department of Pharmacology, Florence, IT

1995-2003 Doctoral degree (Laurea) in Biology, University of Florence (Italy). Title of the doctoral Thesis “Role of the Metabotropic glutamate receptors type I in the post-ischemic neuronal death”, Mentor Dr. Flavio Moroni

2006-2010 Graduate Student, University of Kentucky

2010-2011 Doctoral Degree (Ph.D.) in Pharmacology , University of Kentucky, Department of Molecular and Biomedical Pharmacology. Title of the thesis “**Effects of Thiazolidinediones on neuronal calcium homeostasis and glucose utilization**”, Mentor Dr. Olivier Thibault

PREVIOUS RESEARCH EXPERIENCE

2003-2006 Baccalaureate Fellow at the Dept. of Pharmacology, University of Florence, IT

AWARDS

2009 Recipient of young investigator scholarship, Alzheimer's Drug Discovery Foundation, Washington DC

PEER REVIEWED PAPERS

1. Neuroprotective effects of propofol in models of cerebral ischemia: inhibition of mitochondrial swelling as a possible mechanism.

C Adembri, L Venturi, E Gramigni, A Chiarugi, T Pancani, DE Pellegrini-Giampietro, F Moroni; Dipartimento di Farmacologia, Università di Firenze, Firenze, Italy. *Anesthesiology*. 2006 Jan;104(1):80-9

2. Pharmacological inhibition of Histone Deacetylases (HDACs) by Suberoylanilide Hydroxamic Acid (SAHA) Specifically Alters Gene Expression and Reduces Ischemic Injury in the Mouse Brain.

G Faraco, T Pancani, L Formentini, F Moroni, A Chiarugi; Dipartimento di Farmacologia, Università di Firenze, Firenze, Italy. *Mol Pharmacol*. 2006 Aug 31

3. Differential role of mGlu1 and mGlu5 receptors in rat hippocampal slice models of ischemic tolerance.

CG Werner, T Scartabelli, T Pancani, E Landucci, F Moroni, DE Pellegrini-Giampietro; Dipartimento di Farmacologia, Università di Firenze, Firenze, Italy. *Eur J Neurosci*. 2007 Jun 25

- 4. Distinct modulation of voltage-gated and ligand-gated Ca²⁺ currents by PPAR-γ agonists in cultured hippocampal neurons.**
T Pancani, JT Phelps, JL Searcy, MW Kilgore, NM Porter, and O Thibault; Dept Molec & Biomed Pharmacol, Univ. Kentucky Med. Ctr., Lexington, KY. J Neurochem. 2009 Jun;109(6):1800-11. Epub 2009 May 11.
- 5. The Thiazolidinedione Pioglitazone Reduces Select Peripheral and Hippocampal Markers of Aging in F344 rats.** EM* Blalock; JT Phelps, T Pancani, JL Searcy, K Anderson, JC Gant, J Popovic, M Avdiushko, DA Cohen, KC Chen, NM Porter, O Thibault; Dept Molec & Biomed Pharmacol, Univ. Kentucky Med. Ctr., Lexington, KY. Accepted PLoS ONE 2010
- 6. Role of the 2-AG endocannabinoid in the post-ischemic neuronal death.** DE Pellegrini-Giampietro, T Pancani and F Moroni; Dipartimento di Farmacologia, Università di Firenze, Firenze, Italy. *In preparation*
- 7. Glucose, calcium and NADH imaging in cultured neurons and astrocytes: dynamic responses to depolarization and sensitivity to pioglitazone**
T. Pancani, KL. Anderson, NM. Porter, O. Thibault
Dept Molec & Biomed Pharmacol, Univ. Kentucky Med. Ctr., Lexington, KY. *Submitted*

BOOK CHAPTERS

- Methodologies and techniques used for measures of Calcium and glucose dysregulation in the F344 model of aging.**
T Pancani, K Anderson, PW Landfield, O Thibault
Submitted

ABSTRACTS AND POSTERS

- 1. Metabotropic glutamate receptors and endocannabinoids in post-ischemic hippocampal neuronal death.** D.E. Pellegrini-Giampietro, T Pancani, CG Werner, E Landucci, T Scartabelli, A. Cozzi & F Moroni (2006). Dipartimento di Farmacologia Preclinica e Clinica, Università di Firenze, Italy. Acta Pharmacolo. Sin. 27 (suppl. 1): 25. Beijing (China)
- 2. mGlu1 receptors are involved in the development of tolerance following ischemic preconditioning.** CG Werner, T Pancani, T Scartabelli, F Moroni and DE Pellegrini-Giampietro (2005); Dipartimento di Farmacologia Preclinica e Clinica, Università di Firenze, Italy - Abstract for the 32nd Italian Pharmacological Society Conference

- 3. mGluR1 receptor antagonist neuroprotection in hippocampal slices exposed to oxygen-glucose deprivation: a role for endocannabinoid?** DE Pellegrini-Giampietro, T Pancani and F Moroni (2004); Dipartimento di Farmacologia Preclinica e Clinica, Università di Firenze, Italy. Abstract for the Neuroscience International Meeting 2004, San Diego, CA
- 4. Role of the Metabotropic Glutamate Receptors in the post-ischemic neurodegeneration.** D.E. Pellegrini-Giampietro, A Cozzi, T Pancani, E Meli, V Carla' and F Moroni (2004); Dipartimento di Farmacologia Preclinica e Clinica, Università di Firenze, Italy. XIV Congress of the Italian Society for Neuropsychopharmacology, Bologna IT
- 5. The histone deacetylase (HDAC) inhibitor SAHA reduces ischemic brain injury and specifically alters gene expression in the mouse brain.** G Faraco, T Pancani, L Formentini, F Moroni, A Chiarugi (2004); Dipartimento di Farmacologia Preclinica e Clinica, Università di Firenze, Italy. XIV Congress of the Italian Society for Neuropsychopharmacology, Bologna IT
- 6. Sepsis exacerbates the mortality and the neurological functional impairment in rats subjected to traumatic brain injury.** T Pancani, M Calistri, D Morales, A De Gaudio, DE Pellegrini, C Adembri (2005); Dipartimento di Farmacologia Preclinica e Clinica, Critical Care Medicine, Università di Firenze, Italy. Abstract, 4th Annual National Neurotrauma Symposium, Saint Louis MO
- 7. Interplay between mGlu1 and CB1 receptors in the postischemic CA1 hippocampal area: Neuroprotection and anatomical studies.** F Boscia, T Scartabelli, E Landucci, T Pancani, L Annunziato, G. Mannaioni, F. Moroni, D Pellegrini Giampietro (2006); Dipartimento di Farmacologia Preclinica e Clinica, Università di Firenze, Italy. Abstract for the Neuroscience International Meeting, Atlanta GA
- 8. Systemic sepsis exacerbates mortality and cerebral damage in the rat subjected to traumatic brain injury.** M Miranda, L Venturi, T Pancani, M Calistri, L Vitali, V Selmi, R A De Gaudio, C Adembri (2006) Critical Care Medicine, University of Florence, Florence, Italy - 20th European Society of Intensive Care Medicine Meeting, Berlin, Germany
- 9. Modulation of Ca²⁺-dependent signaling by PPAR-gamma activation in hippocampal neurons and astrocytes.** T Pancani, JT Phelps, JL Searcy, MW Kilgore, NM Porter, O Thibault (2007); Dept Molec & Biomed Pharmacol, Univ. Kentucky Med. Ctr.,

Lexington, KY - Abstract for the Neuroscience International Meeting, San Diego CA

10. Effect of chronic treatment with the PPAR- γ agonist, Pioglitazone, in a triple transgenic model of Alzheimer's disease. JT Phelps, JL Searcy, T Pancani, EM Blalock, KC Chen, V Thibault, TD Porter, PW Landfield, NM Porter, O Thibault (2007); Dept Molec & Biomed Pharmacol, Univ. Kentucky Med. Ctr., Lexington, KY Abstract for the Neuroscience International Meeting, San Diego CA

11. Effect of chronic treatment with the PPAR- γ agonist, pioglitazone, in a triple transgenic model of Alzheimer's disease; JT Phelps, JL Searcy, T Pancani, EM Blalock, KC Chen, NM Porter, O Thibault (2008); Dept Molec & Biomed Pharmacol, Univ. Kentucky Med. Ctr., Lexington, KY Abstract ICAD meeting, Chicago IL

12. Reduction in L-type calcium current density in hippocampal "zipper" slices from mid-age memory-deficient APPxPS1 mice. O Thibault, HM Abdul, MP Murphy, TL Becket, T Pancani, JT Phelps, JC Gant, PW Landfield, CM Norris (2009); Dept Molec & Biomed Pharmacol, Univ. Kentucky Med. Ctr., Lexington, KY; Abstract for the Neuroscience International Meeting, Chicago IL

13. Relationship between calcium dynamics and glucose utilization in hippocampal neuron. T Pancani, KL Anderson, JT Phelps, O Thibault (2009); Dept Molec & Biomed Pharmacol, Univ. Kentucky Med. Ctr., Lexington, KY; Abstract for the Neuroscience International Meeting, Chicago IL

14. The F344 on high fat diet: effects on CNS and perioheral markers of aging.

Katie L. Anderson, T Pancani, Lawrence D. Brewer, Eric M. Blalock, Nada M. Porter and Olivier Thibault (2010). Dept Molec & Biomed Pharmacol, Univ. Kentucky Med. Ctr., Lexington, KY; Abstract for the Neuroscience International Meeting, San Diego CA

15. Glucose utilization and Ca²⁺ imaging in cultured hippocampal neurons. T Pancani, Katie L. Anderson, Lawrence D. Brewer, and Olivier Thibault (2010). Dept Molec & Biomed Pharmacol, Univ. Kentucky Med. Ctr., Lexington, KY; Abstract for the Neuroscience International Meeting, San Diego CA

16. Vitamin D status and its role in brain aging. Latimer CS, Searcy JL, T Pancani, Bridges MT, Popovic J, Gant C, Blalock EM, Thibault O, Landfield PW, Porter NM (2010). Molec & Biomed Pharmacol, Univ. Kentucky Med. Ctr., Lexington, KY; Abstract

for the Neuroscience International Meeting, San Diego CA

ORAL PRESENTATIONS

1. Interactions between metabotropic glutamate receptors, GABA and endocannabinoids in post-ischemic CA1 pyramidal cell death.

2005 32nd Italian Pharmacological Society Conference, Naples, IT

2. Differential PPAR- γ modulation of two Ca^{2+} sources in hippocampal neurons

2009 Annual Student Presentation. Dept Molec & Biomed Pharmacol, Univ. Kentucky Med. Ctr., Lexington, KY

3. Calcium dynamics and glycolysis activation in hippocampal neurons

2010 Annual Student Presentation. Dept Molec & Biomed Pharmacol, Univ. Kentucky Med. Ctr., Lexington, KY

PARTICIPATION IN NATIONAL AND INTERNATIONAL MEETINGS/SEMINARS

1998 3rd international Meeting on Metabotropic Glutamate Receptors, Perugia, Italy

2002-2003 Organization of Journal Club discussions of the most recent scientific articles on top quality Journals. Dipartimento di Farmacologia Preclinica e Clinica, Università di Firenze, Italy

2004 34th Annual Meeting, Society for Neuroscience, San Diego, USA

2005 32nd Annual Meeting, Italian Society of Pharmacology, Naples, Italy

2006 36th Annual Meeting, Society for Neuroscience, Atlanta, USA

2007 37th Annual Meeting, Society for Neuroscience, San Diego, CA

2008 Alzheimer's Association International Conference on Alzheimer's Disease (ICAD), Chicago IL

2008 38th Annual Meeting, Society for Neuroscience, Washington, DC

2009 3rd Drug Discovery for Neurodegeneration Conference, Washington DC

2009 39th Annual Meeting, Society for Neuroscience, Chicago, IL

	2010 40th Annual Meeting, Society for Neuroscience, San Diego, CA
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