

**CV**

<b>Gonzalez, Luis, Enrique</b>		<b>Profesor Titular (MD, PhD)</b>	
<b>INSTITUTION</b>	<b>Grado</b>	<b>Fecha</b>	<b>Campo de Estudio</b>
<b>Escuela de Enfermeria</b>	<b>B. Asistencial</b>	<b>1981</b>	<b>General</b>
<b>Universidad de Los Andes, Merida, Venezuela</b>	<b>M. C.</b>	<b>1989</b>	<b>Farmacologia/Fisiologia</b>
<b>University of Londres</b>	<b>Ph.D.</b>	<b>1993</b>	<b>Neurofarmacologia</b>
<b>PROFESOR E INVESTIGADOR</b>	<b>Titula</b>	<b>1994-2003</b>	<b>Microdialisis</b>
<b>Columbia University</b>	<b>Postdoctoral</b>	<b>2003-2006</b>	<b>Genetica/Neurobiologia</b>

**Posiciones y Empleos**

<b>1989-1990</b>	<b>Residencia Medica Medicina Rural. El Piñal Hospital, Tachira</b>
<b>1990-1992</b>	<b>Profesor (P) Instructor, Farmacologia Universidad de Los Andes, Facultad de Medicina</b>
<b>1993-1995</b>	<b>Doctorado en Neurofarmacologia, Universidad de Londres</b>
<b>1995-1997</b>	<b>P. Asistente, Departamento de Fisiologia, ULA</b>
<b>1997-2000</b>	<b>P. Agregado, Departamento de Fisiologia, ULA</b>
<b>2001-2005</b>	<b>P. Asociado, Departamento de Fisiologia, ULA</b>
<b>2005-</b>	<b>P. Titular, Departamento de Fisiologia, ULA</b>

**Otras Experiencias y Afiliaciones**

**2000-2003** Director de la Subcomision Medica-Profesional CDCHT-ULA

**Honors**

<b>1993</b>	<b>Beca BID-CONICIT</b>
<b>1995</b>	<b>PPI Nivel I-Nivell-Nivel III</b>
<b>1996</b>	<b>Premio IBRO para asistir al Congreso IBRO- 1997, Jerusalem.</b>
<b>2003</b>	<b>Fogarty, Instituto Nacional de Salud-USA, Finiaminto para entrenamiento postdoctoral</b>

**Publicaciones en Revistas Arbitradas:**

- 1992**
- 1.\*Gonzalez LE, Parada MA and Hernandez L (1992) Pyridoxine acts in the brain to reduce ethanol toxicity in rats. Alcohol, 9:519-522.
- 1994**
2. Hernandez L, Gonzalez LE, Murzi E, Paez X, Gottberg E, Baptista T (1994) Testosterone modulates mesolimbic dopaminergic activity in male rats Neuroscience Letters, 171: 172-174
  3. Andrews N, Hogg S, Gonzalez LE and File SE (1994) 5-HT1A receptores in the median raphe nucleus and dorsal hippocampus may mediate anxiolytic and anxiogenic behaviours respectively. Eur J Pharmacol, 264:259-264.
  4. File SE, Andrews N, Fernandez C, Gonzalez LE (1994) The role of 5-HT ligands in treating benzodiazepine and alcohol withdrawal, Critical issues in the treatment of affective disorders, Ed Larger S.Z. International Academy for Biomedical and Drug Research, Larger, Paris.
- 1996**
5. File SE and Gonzalez LE (1996) Anxiolytic effects in the plus-maze of 5-HT1A-receptor ligands in the dorsal raphe and ventral hippocampus, Pharmacol Biochem Behav, 54: 123-128.
  6. File SE, Mabbutt PS, Becker A, Gonzalez LE and Emma Fluck (1996) Short-Term rebound anxiolytic effects and long-term changes in platelet benzodiazepine binding after penylenetetrazole-kindling in two strains of rat. Anxiety, 2:109-116.
  7. File SE, Gonzalez LE and Andrews N (1996) Comparative study of pre- and post-synaptic 5-HT1A receptor modulation of anxiety in two ethological animal tests. J Neurosci, 16:4810-4815.

8. \*Gonzalez LE, Andrews N and File SE (1996) 5-HT<sub>1A</sub> and benzodiazepine receptors in the basolateral amygdala modulate anxiety in the social interaction test, but not in the elevated plus-maze. *Brain Res*, 732:145-153.

**1997**

9. \*Gonzalez LE, File SE (1997) A Five minute experience in the elevated plus-maze alters the state of the benzodiazepine receptor in the dorsal raphe nucleus. *J Neurosci*, 15:1505-1511.

10. Andrews N, File SE, Fernandes C, Gonzalez LE, Barnes NM (1997) evidence that the median raphe nucleus -dorsal hippocampal pathway mediates diazepam withdrawal-induced anxiety. *Psychopharmacology*, 130:228-234.

**1998**

11. \*Gonzalez LE, File SE, Overstreet D (1998) Selectively bred lines of rats differ in social interaction and hippocampal 5-HT<sub>1A</sub> receptor function: A link between anxiety and depression? *Pharmacol Biochem Behav*, 59: 787-792.

12. \*Gonzalez LE, Melendez-Vasquez CV, Gregson NA, FILE SE (1998) A rat model of spontaneous myopathy and malignant hyperthermia. *Am J Pathol*, 152:1099-1103

13. File SE, Gonzalez LE, Andrews N (1998) Endogenous Acetylcholine in the dorsal hippocampus reduces anxiety through actions on nicotinic and muscarinic receptors. *Behav Neurosci*, 112:352-359.

14. File SE, Gonzalez LE, Gallant R (1998) Role of the basolateral nucleus of the amygdala in the formation of a phobia. *Neuropsychopharmacology*, 19:397-405.

15. \*Gonzalez LE, Ougazzal AM, File S (1998) Stimulation of benzodiazepine receptors in the dorsal hippocampus and median raphe reveals differential GABAergic control in two animal tests of anxiety. *Eur J Neurosci*, 10:3673-3680.

16. File SE, Ougazzal A-M, Gonzalez LE, Overstreet D (1998) Chronic fluoxetine in test of anxiety in rat lines selectively bred for differential 5-HT<sub>1A</sub> receptor function. *Pharmacol Biochem Behav*, 62:695-701

**1999**

17. File SE, Gonzalez LE, Gallant R (1999) The role of the dorsomedial hypothalamus in mediating the response to benzodiazepines on trial 2 in the elevated plus-maze of anxiety. *Neuropsychopharmacology*, 21:312-320

18. Paredes D, Rada P, Bonilla E, Gonzalez LE, Parada MA, Hernandez L (1999) Melatonin acts on the nucleus accumbens to decrease acetylcholine release and modify the motor activity pattern of rats. *Brain Res*, 850: 14-20

**2000**

19. \*Gonzalez LE, Rujano M, Tucci S, Paredes D, Silva E, Alba G, Hernandez L. (2000) Medial prefrontal transection enhances social interaction. I: behavioral studies. *Brain Res*, 887: 7 – 15

20. Tucci S, Contreras Q, Paez X, Gonzalez L, Rada P, Hernandez L. (2000) Medial prefrontal transection enhances social interaction. II: neurochemical studies. *Brain Res*, 887: 259 - 265.

**2001**

21. Silva E, Quinones B, Freund N, Gonzalez LE, Hernandez L. (2001) Extracellular glutamate, aspartate and arginine increase in the ventral posterolateral thalamic nucleus during nociceptive stimulation. *Brain Res*, 923: 45- 49.

**2002**

Principal Investigator/Program Director (Last, First, Middle): **Gonzalez, Luis, Enrique**

22. Reyes E, Rossell S, Paredes D, Rada P, Tucci S, Gonzalez LE, Hernandez L.(2002) Haloperidol abolished glutamate release evoked by photic stimulation of the visual cortex in rats. *Neurosci Lett*, 327:149 - 152.

### **2003**

23. \*Gonzalez LE, Parada MA, Tucci S, Teneud L, Overstreet DH, Hernandez L. (2003) A brain microdialysis study on 5-HT release in freely moving rat lines selectively bred for differential 5-HT<sub>1A</sub> receptor function. *Braz J Med Biol Res*, 36: 263 - 267.

24. Rossell S, Gonzalez LE, Hernandez L. (2003) One-second time resolution brain microdialysis in fully awake rats. Protocol for the collection, separation and sorting of nanoliter dialysate volumes. *J Chromatogr B Analyt Technol Biomed Life Sci*, 784: 385-393.

25. Rada P, Moreno SA, Tucci S, Gonzalez LE, Harrison T, Chau DT, Hoebel BG, Hernandez L (2003) Glutamate release in the nucleus accumbens is involved in behavioral depression during the porsolt swim test. *Neuroscience* 119: 557-565

26. Rangel A, Gonzalez LE, Villarroel V, Hernandez L. (2003) Anxiolysis followed by anxiogenesis relates to coping and corticosterone after medial prefrontal cortical damage in rats. *Brain Res*. 992: 96 - 103.

### **2004**

27. Silva E, Hernandez L, Quinonez B, Gonzalez LE, Colasante C. (2004) Selective amino acids changes in the medial and lateral preoptic area in the formalin test in rats. *Neuroscience* 124: 395-404.

28. \*Gonzalez LE, Quinonez B, Rangel A, Pino S, Hernandez L. (2004) Tonic and phasic alteration in amygdala 5-HT, glutamate and GABA transmission after prefrontal cortex damage in rats. *Brain Res*. 1005: 154 - 163.

### **2007**

29. \*Gonzalez LE, Rojnik B, Urrea F, Urdaneta H, Petrosino P, Colasante C, Pino S, Hernandez L. (2007) *Toxoplasma gondii* infection lower anxiety as measured in the plus-maze and social interaction tests in rats A behavioral analysis. *Behav Brain Res*. 177:70-79.