

Eduardo Julio Spinedi

Datos Personales

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Títulos Obtenidos

- > Químico Básico, Fac. Ciencias Exactas, UNLP.
- > Lic. En Bioquímica Clínica, Fac. Ciencias Exactas, UNLP.
- > Dr. En Bioquímica, Fac. de Bioquímica y Farmacia, UNSL.
- > Bioquímico Especialista en Endocrinología, Colegio de Bioquímicos de la Pcia. de Buenos Aires y SAEM-ABA.
- > Investigador Principal del CONICET.
- > Jefe de la Unidad de Neuroendocrinología, IMBICE, La Plata.

Líneas de Trabajo

- > Control central y periférico de la función hipotálamo-hipófiso-corticoadrenal.
- > Neuroinmunomodulación.
- > Control neuroendocrino de apetito y saciedad.
- > Mecanismos de inter-regulación entre el Sistema Nervioso Central y el tejido Adiposo.
- > Diferenciación neuronal a partir de células embrionarias.

Trabajos Publicados

- > Impact of transient correction of increased adrenocortical activity in, hypothalamo-damaged, hyperadipose female rats. Moreno G, Perelló M, Camihort G, Luna G, Console G, Gaillard RC, Spinedi E. *Int. J of Obesity*, in press.
- > Relationship between pituitary and adipose tissue after hypothalamic denervation in rats: a morphometric immunohistochemical study. Camihort G, Gómez Dumm CL, Luna G, Ferese C, Jurado S, Moreno G, Spinedi E, Cónsole GM. *Cells, Tissues & Organs*, 179:192-201, 2005.
- > 24-Hour changes in ACTH, corticosterone, growth hormone and leptin levels in young male rats subjected to calorie restriction. Chacón F, Esquifino AI, Perelló M, Cardinali DP, Spinedi E, Alvarez MP. *ChronobiologyInternational*, 22:253-265, 2005.
- > Orexin A Stimulates Hypothalamo-Pituitary-Adrenal (HPA) Axis Function, but not Food Intake, in the Absence of Full Hypothalamic NPY-ergic Activity. Moreno G, Perelló M, Gaillard RC, Spinedi E. *Endocrine*, 26:99-106, 2005.
- > Neuroendocrine-Immune Interactions: Impact of Gender, Negative Energetic Balance Condition, and Developmental Stage on the Mechanisms of the Acute Phase Response of the Inflammatory Process in Mammals. Spinedi E, Perez NB, Gaillard RC. In: *Developmental Immunotoxicology*. S. D. Holladay (Ed). CRC Press. New York , USA . 303-354, 2005.
- > Nature of changes in adrenocortical function in chronic hyperleptinemic female rats. Perello M, Moreno G, Camihort G, Luna G, Console G, Gaillard RC, Spinedi E. *Endocrine* 24:167-175, 2004.
- > Glucocorticoid-dependency of increased adiposity in a model of hypothalamic obesity. Perelló M., Moreno G., Gaillard R.C. and E. Spinedi. *Neuroendocrinology Letters* 25:119-126, 2004.
- > Neuroendocrine aspects of obesity. Perello M, Spinedi E. *Medicina (BA)* 64:257-264, 2004.
- > Leptin in patients with polycystic ovary syndrome. Direct correlation with insulin resistance. Calvar CE, Intebi AD, Bengolea SV, Hermes R, Spinedi E. *Medicina (BA)* 63:704-710, 2003.

- > Modulatory role of testosterone in plasma leptin turnover in rats. Castrogiovanni D., Perelló M., Gaillard R.C. and E. Spinedi. *Endocrine* 22:203-210, 2003.

- > Modulatory effects of leptin on leydig cell function of normal and hyperleptinemic rats. Giovambattista A., Suescun M.O., Nessralla C.C., França L.R., Spinedi E. and R.S. Calandra. *Neuroendocrinology* 78:270-279, 2003.

- > Adrenal enucleation in MSG-damaged hyperleptinemic male rats transiently restores adrenal sensitivity to leptin. Perelló M., Gaillard R.C., Chisari A. and E. Spinedi. *Neuroendocrinology* 78:176-184, 2003.

- > Neonatal hypothalamic androgenization in the female rat induces changes in peripheral insulin sensitivity and adiposity function at adulthood. Perelló M., Castrogiovanni D., Moreno G., Gaillard R.C. and E. Spinedi. *Neuroendocrinology Letters* 24:91-98, 2003.

- > Alzheimer's disease patients display gender dimorphism in circulating anorectic adipokines. Intebi A.D., Garau L., Brusco I., Pagano M., Gaillard R.C. and E. Spinedi. *NeuroImmuno-Modulation* 10:351-358, 2003.

- > Impact of estradiol on parametrial adipose tissue function: evidence for establishment of a new set point of leptin sensitivity in control of energy metabolism in female rat. Piermaría J., Cónsole G., Perelló M., Moreno G., Gaillard R.C. and E. Spinedi. *Endocrine* 20:239-346, 2003.

- > Sexual dimorphism of neuroendocrine-immune interactions. Spinedi E., Gaillard R.C. and A. Chisari. *Frontiers of Hormone Research* 29:91-107, 2002.

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- > Sexual dimorphism in the hypothalamo-pituitary-adrenal (HPA) axis and TNF alpha responses to phospholipase A2-related neurotoxin (from *Crotalus Durissus Terrificus*) challenge. Chisari A.N., Gaillard R.C., Giovambattista A., Voirol M.-J., Piermaría J. and E. Spinedi. *J Endocrinological Investigation* 23:440-448, 2000.
- > Modulatory role of the epineuric system on neuroendocrine-immune system function. Giovambattista A., Chisari A.N., Gaillard R.C. and E. Spinedi. *NeuroImmunoModulation* 8:98-106, 2000.
- > CRH in psychiatric disorders. Intebi A.D., Zukerfeld R.Z. and E. Spinedi. *Revista Argentina de Endocrinología y Metabolismo* 37:37-50, 2000.
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- > Sex-and stress-steroids interactions and the immune system: evidence for a neuroendocrine-immunological sexual dimorphism. Gaillard R.C. and E. Spinedi. *Domestic Animal Endocrinology* 15:345-352, 1998.

- > A regulatory loop between the hypothalamo-pituitary-adrenal (HPA) axis and circulating leptin: a physiological role of ACTH. Spinedi E. and R.C. Gaillard. *Endocrinology* 139:4016-4020, 1998.
- > The hypothalamo-Pituitary-Adrenal axis of athymic Swiss nude mice: The implications of T lymphocytes in the ACTH release from immune cells. Gaillard R.C., T. Daneva, R. Hadid, K. Muller and E. Spinedi. *Ann. NY Acad. Sci.* 840:480-490, 1998.
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- > Sexual dimorphism in the mice hypothalamo-pituitary-adrenal (HPA) axis function after endotoxin and insulin stresses over development. Spinedi E., A. Chisari, F. Pralong and R.C. Gaillard. *NeuroImmunoModulation* 4:77-83, 1997.
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- > Rat anterior pituitary synthesis of alpha-melanocyte stimulating hormone (MSH) after bilateral adrenal enucleation and adrenalectomy: changes in peptidyl alpha-amidating monooxygenase (PAM) activity. Perone M.J., A.N. Chisari, E. Spinedi and F. Estivariz. *Endocrinology and Metabolism* 4:233-240, 1997.
- > Bilateral adrenal enucleation-induced changes in adenohipophyseal pro-opiomelanocortin (POMC)-related peptides synthesis and secretion: a comparative study with adrenalectomized rats. Perone M.J., A.N. Chisari, C.L. Gómez Dumm, E. Spinedi and F.E. Estivariz. *Journal of Endocrinological Investigation* 20:172-182, 1997.
- > Age and sex steroid environment modulate hypothalamo-pituitary-adrenal axis function in mice. Suescun M.O., A.N. Chisari, R.C. Gaillard and E. Spinedi. *Endocrinology and Metabolism* 4:179-184, 1997.

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Tesis y Tesinas Desarrolladas en la Unidad

> Tesis de Doctorado en Bioquímica aprobadas con Sobresaliente: 4

> Tesinas de Maestría en Endocrinología aprobadas con Sobresaliente: 1

Miembro de Comité Editorial de

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> Es continuo el interés de esta Unidad por incorporar estudiantes avanzados de carreras relacionadas con el Area Biomédica, así como postulantes a Becas Nacionales e Internacionales que demuestren aptitudes para completar estudios de grado (Tesinas de Licenciaturas) y post-gradado (Tesis Doctorales o de Maestrías) siguiendo las líneas de trabajo desarrolladas en la Unidad. Contactarse con: spinedi@imbice.org.ar