Contents Vol. 77, 2003

No. 1

1 Editorial
Regulation of Adrenocorticotropin and Brain Actions of Corticoids

2 Pharmacology and Physiology of Ovine Corticosteroid Receptors
Richards, E.M.; Hua, Y.; Keller-Wood, M. (Gainesville, Fla.)

15 Temperature-Induced Changes in Thyrotropin-Releasing Hormone Sensitivity in Carp Melanotropes
van den Burg, E.H.; Metz, J.R.; Ross, H.A. (Nijmegen); Darras, V.M. (Leuven); Wendelaar Bonga, S.E.; Flik, G. (Nijmegen)

24 The Exacerbation of Hippocampal Excitotoxicity by Glucocorticoids Is Not Mediated by Apoptosis
Roy, M.; Sapolsky, R.M. (Stanford, Calif.)

32 In vivo Activation of the Interleukin-6 Receptor/gp130 Signaling Pathway in Pituitary Corticotropes of Lipopolysaccharide-Treated Rats
Gautron, L.; Lafon, P.; Tramu, G.; Layé, S. (Talence)

Reproductive Neuroendocrinology

44 Tamoxifen, a Selective Estrogen Receptor Modulator, Reduces Ischemic Damage Caused by Middle Cerebral Artery Occlusion in the Ovariectomized Female Rat

51 Colocalization of Progesterone Receptors and Thyroid Hormone Receptors Alpha in the Ovine Diencephalon: No Effect of Estradiol
Dufourny, L.; Skinner, D.C. (Laramie, Wyo.)

59 Circadian Rhythms of Neuroendocrine Dopaminergic Neuronal Activity in Ovariectomized Rats
Sellix, M.T.; Freeman, M.E. (Tallahassee, Fla.)

71 Lordosis of Rats Is Modified by Neurosteroidogenic Effects of Membrane Benzodiazepine Receptors in the Ventral Tegmental Area
Frye, C.A.; Petralia, S.M. (Albany, N.Y.)

No. 2

Effects of Ghrerin

83 Role of Ghrerin in the Control of Growth Hormone Secretion in Prepubertal Rats: Interactions with Excitatory Amino Acids
Pinilla, L.; Barreiro, M.L.; Fajardo, M.; Aguilar, E. (Córdoba)

91 Ontogeny and Tissue-Specific Regulation of Ghrerin mRNA Expression Suggest that Ghrerin Is Primarily Involved in the Control of Extraendocrine Functions in the Rat
Torsello, A.; Schiuna, B. (Milano); Leo, G. (Modena); Ponzetto, E.; Vallone, R.; Bulgarelli, I.; Luoni, M. (Milano); Zoli, M. (Modena); Rindi, G. (Parma); Cocchi, D. (Brescia); Locatelli, V. (Milano)

Organization and Regulation of Hypothalamic Neurons

100 Distribution of Fluorescence following Injection of Recombinant Adeno-Associated Virus Encoding Green Fluorescent Protein into the Paraventricular Nucleus
Ward, H.; Gardiner, J.; Kong, W.M.; Murphy, K.; Bloom, S. (London)

105 Expression of D, and D, Dopamine Receptors in the Hypothalamus and Pituitary during the Turkey Reproductive Cycle: Colocalization with Vasoactive Intestinal Peptide

119 Mechanisms Involved in Glucagon-Like Peptide-1 (7–36) Amide Action on the Rat Hypothalamo-Neurohypophysial System
Bojanowaka, E.; Stampniak, B. (Lódz)

Behavioural Neuroendocrinology

125 Effects of Galanin-Like Peptide on Food Intake and the Hypothalamo-Pituitary-Thyroid Axis
Seth, A.; Stanley, S.; Dhillo, W.; Murphy, K.; Ghatei, M.; Bloom, S. (London)

132 Selective Decreases in Amphetamine Self-Administration and Regulation of Dopamine Transporter Function in Diabetic Rats
Galici, R.; Galli, A.; Jones, D.J.; Sanchez, T.A.; Saunders, C.; Frazer, A.; Gould, G.G.; Lim, R.Z.; France, C.P. (San Antonio, Tex.)

No. 3

Cellular Neuroendocrinology

141 Orexin-B Augments Voltage-Gated L-Type Ca2+ Current via Protein Kinase C-Mediated Signalling Pathway in Ovine Somatotropes
Xu, R. (Clayton); Roh, S.-G. (Naganoken); Gong, C.; Hernandez, M. (Clayton); Ueta, Y. (Kitakyushu); Chen, C. (Clayton)

153 Electrical Membrane Activity and Intracellular Calcium Buffering Control Exocytosis Efficiency in Xenopus Melanotrope Cells

162 Role of BK Potassium Channels Shaping Action Potentials and the Associated [Ca2+]i Oscillations in GH3 Rat Anterior Pituitary Cells
Miranda, P.; de la Peña, P.; Gómez-Varela, D.; Barros, F. (Oviedo)

177 Prolonged Neurogenesis during Early Development of Gonadotropin-Releasing Hormone Neurones in Sheep (Ovis aries): In vivo and in vitro Studies
Bruno, G. (Nouzilly); Izvolkskaia, M. (Nouzilly/Moscow); Ugrumov, M. (Moscow); Tillet, Y.; Duittoz, A.H. (Nouzilly)

187 Promoter Usage and Estrogen Regulation of Prolactin Receptor Gene in the Brain of the Female Rat
Pi, X.; Zhang, B.; Li, J.; Voogt, J.L. (Kansas City, Kans.)