

**CONTENTS
VOLUME 81, 2005****CONTENTS**

VOLUME 81 NUMBER 1 2005

ARTICLES**Withdrawal, tolerance, and sensitization to dopamine mediated interoceptive cues in rats trained on a three-lever drug-discrimination task.**

BARRETT, R.J., W.F. CAUL and R. SMITH. 1

Exacerbation of harmaline-induced tremor by imipramine.

ARSHADUDDIN, M., S. KADASAH, S. AL DEEB, K. AL MOUTAERY and M. TARIQ 9

Behavioral, biochemical and histological studies in a model of pilocarpine-induced spontaneous recurrent seizures.

SZYNDLER, J., T. WIERZBA-BOBROWICZ, A. SKÓRZEWSKA, P. MACIEJAK, J. WALKOWIAK, W. LECHOWICZ, D. TURZYŃSKA, A. BIDZIŃSKI and A. PLAŽNIK. 15

Autonomic efferents affect intake of imbalanced amino acid diets by rats.

BELLINGER, L.L., F.E. WILLIAMS, J. LUCENTE, J. PAVELKA, K.D. DIXON and D.W. GIETZEN 24

Effects of nitric oxide synthase inhibition on spatial discrimination learning and central DA2 and mACh receptors.

KOYLU, E.O., L. KANIT, D. TASKIRAN, T. DAGCI, B. BALKAN and S. POGUN. 32

The effects of chronic food restriction on hypothalamic–pituitary–adrenal activity depend on morning versus evening availability of food.

BELDA, X., S. ONS, J. CARRASCO and A. ARMARIO. 41

Amino acid levels in some lethargic mouse brain areas before and after pentylenetetrazole kindling.

DE LUCA, G., R.M. DI GIORGIO, S. MACAIONE, P.R. CALPONA, S. COSTANTINO, E.D. DI PAOLA, N. COSTA, D. ROTIROTI, G.F. IBBADU, E. RUSSO and G. DE SARRO 47

Neonatal ethanol and nicotine exposure causes locomotor activity changes in preweanling animals.

GILBERTSON, R.J. and S. BARRON 54

Effects of monoamine reuptake inhibitors on wet-dog shakes mediated by 5-HT_{2A} receptors in ACTH-treated rats.

KAWAKAMI, Y., Y. KITAMURA, H. ARAKI, K. KITAGAWA, K. SUEMARU, K. SHIBATA and Y. GOMITA 65

Acute Δ⁹-tetrahydrocannabinol exposure facilitates quinpirole-induced hyperlocomotion.

GORRITI, M.A., B. FERRER, I. DEL ARCO, F.J. BERMÚDEZ-SILVA, Y. DE DIEGO, E. FERNANDEZ-ESPEJO, M. NAVARRO and F. RODRÍGUEZ DE FONSECA 71

Behavioral effects of the novel cannabinoid full agonist AM 411.

MC LAUGHLIN, P.J., D. LU, K.M. WINSTON, G. THAKUR, L.A. SWEZEY, A. MAKRIYANNIS and J.D. SALAMONE 78

Role of molecular isoforms of acetylcholinesterase in learning and memory functions.

DAS, A., M. DIKSHT and C. NATH 89

Cholinergic modulation of the urethro genital reflex in spinal cord-transected rats.

GÓMEZ, L.E., R. FLORES, P. CANO, I. DURÁN and R. CUEVA-ROLÓN 100

Analgesic effects of loperamide in bone cancer pain in mice.

MENÉNDEZ, L., A. LASTRA, Á. MEANA, A. HIDALGO and A. BAAMONDE. 114

Pharmacological modulation of repeated ethanol withdrawal-induced anxiety-like behavior differs in alcohol-preferring P and Sprague-Dawley rats.

OVERSTREET, D.H., D.J. KNAPP and G.R. BREESE 122

The influence of dextromethorphan on morphine analgesia in Swiss Webster mice is sex-specific.

GRISEL, J.E., S. ALLEN, K.V.S. NEMMANI, J.R. FEE and R. CARLISS. 131

| | |
|---|-----|
| Extinction and reacquisition of a fear-motivated memory require activity of the Src family of tyrosine kinases in the CA1 region of the hippocampus. | 139 |
| BEVILAQUA, L.R.M., W.N. DA SILVA, J.H. MEDINA, I. IZQUIERDO and M. CAMMAROTA | |
| Electroacupuncture combined with MK-801 prolongs anti-hyperalgesia in rats with peripheral inflammation. | 146 |
| ZHANG, R.-X., L. WANG, X. WANG, K. REN, B.M. BERMAN and L. LAO | |
| Involvement of hypothalamic pituitary adrenal axis on the effects of nifedipine in the development of morphine tolerance in rats. | 152 |
| ESMAEILI MAHANI, S., F. MOTAMEDI, M. JAVAN and A. AHMADIANI | |
| Placebo cigarettes in a spaced smoking paradigm. | 158 |
| EID, N.C., R.V. FANT, E.T. MOOLCHAN and W.B. PICKWORTH | |
| Mecamylamine attenuates ephedrine-induced hyperactivity in rats. | 165 |
| MILLER, D.K. and I.L. SEGERT | |
| Behavioral and pharmacological characterization of a distal peripheral nerve injury in the rat. | 170 |
| HAMA, A.T. and D. BORSOOK | |
| Recovery from ischemic brain injury in the rat following a 10 h delayed injection with MLN519. | 182 |
| WILLIAMS, A.J., T.M. MYERS, S.I. COHN, K.M. SHARROW, X.-C.M. LU and F.C. TORTELLA | |
| The selective dopamine D3 receptor antagonist SB-277011-A attenuates ethanol consumption in ethanol preferring (P) and non-preferring (NP) rats. | 190 |
| THANOS, P.K., J.M. KATANA, C.R. ASHBY JR., M. MICHAELIDES, E.L. GARDNER, C.A. HEIDBREDER and N.D. VOLKOW | |
| Relation between methamphetamine-induced monoamine depletions in the striatum and sequential motor learning. | 198 |
| DABERKOW, D.P., R.P. KESNER and K.A. KEEFE | |
| Effect of chronic <i>Albizia julibrissin</i> treatment on 5-hydroxytryptamine_{1A} receptors in rat brain. | 205 |
| JUNG, J.W., J.-H. CHO, N.Y. AHN, H.R. OH, S.Y. KIM, C.-G. JANG and J.H. RYU | |
| Dopamine D₂, but not D₄, receptor agonists are emetogenic in ferrets. | 211 |
| OSINSKI, M.A., M.E. UCHIC, T. SEIFERT, T.K. SHAUGHNESSY, L.N. MILLER, M. NAKANE, B.F. COX, J.D. BRIONI and R.B. MORELAND | |

CONTENTS

VOLUME 81 NUMBER 2 2005

Special Issue**Cannabinoids: Interactions with other drugs****GUEST EDITORS**

JAVIER FERNÁNDEZ-RUIZ, M. PAZ VIVEROS and JOSÉ A. RAMOS

Editorial

FERNANDEZ-RUIZ, J. 221

OVERVIEW OF THE ENDOCANNABINOID SIGNALING SYSTEM**The endocannabinoid signalling system: Biochemical aspects.**

BISOGNO, T., A. LIGRESTI and V. DI MARZO 224

Functional neuroanatomy of the endocannabinoid system.

PAZOS, M.R., E. NÚÑEZ, C. BENITO, R.M. TOLÓN and J. ROMERO 239

The endocannabinoid signaling system: Pharmacological and therapeutic aspects.

FOWLER, C.J., S. HOLT, O. NILSSON, K.-O. JONSSON, G. TIGER and S.O.P. JACOBSSON 248

ENDOCANNABINOID SIGNALING SYSTEM AND DRUG ADDICTION: GENERAL PART**Endocannabinoid signaling system and brain reward: Emphasis on dopamine.**

GARDNER, E.L. 263

| | |
|---|-----|
| Self-administration of cannabinoids by experimental animals and human marijuana smokers. | 285 |
| JUSTINOVA, Z., S.R. GOLDBERG, S.J. HEISHMAN and G. TANDA | |
| Cannabinoid tolerance and dependence: A review of studies in laboratory animals. | 300 |
| GONZÁLEZ, S., M. CEBEIRA and J. FERNÁNDEZ-RUIZ. | |
| Cognitive consequences of cannabis use: Comparison with abuse of stimulants and heroin with regard to attention, memory and executive functions. | 319 |
| LUNDQVIST, T. | |
| Endocannabinoid system and stress and anxiety responses. | 331 |
| VIVEROS, M.P., E.M. MARCO and S.E. FILE. | |

ENDOCANNABINOID SIGNALING SYSTEM AND DRUG ADDICTION: INTERACTION WITH OTHER DRUGS

| | |
|--|-----|
| Endocannabinoid system and opioid addiction: Behavioural aspects. | 343 |
| FATTORI, L., S. DEIANA, S.M. SPANO, G. COSSU, P. FADDA, M. SCHERMA and W. FRATTA | |
| Molecular and cellular basis of cannabinoid and opioid interactions. | 360 |
| VIGANÒ, D., T. RUBINO and D. PAROLARO | |
| Endocannabinoid system and alcohol addiction: Pharmacological studies. | 369 |
| COLOMBO, G., S. SERRA, G. VACCA, M.A.M. CARAI and G.L. GESELLA | |
| The role of the cannabinoid system in nicotine addiction. | 381 |
| CASTAÑÉ, A., F. BERRENDERO and R. MALDONADO | |
| CB₁ receptor antagonists for the treatment of nicotine addiction. | 387 |
| COHEN, C., E. KODAS and G. GRIEBEL | |
| The role of endocannabinoid transmission in cocaine addiction. | 396 |
| ARNOLD, J.C.. | |
| Endocannabinoids and 3,4-methylenedioxymethamphetamine (MDMA) interaction. | 407 |
| SALA, M. and D. BRAIDA | |

CONTENTS

VOLUME 81 NUMBER 3 2005

ARTICLES

| | |
|--|-----|
| The antinociceptive effect of zolpidem and zopiclone in mice. | 417 |
| PICK, C.G., Y. CHERNES, T. RIGAI, K.C. RICE and S. SCHREIBER | |
| Adaptogenic and anti-amnesic properties of <i>Evolvulus alsinoides</i> in rodents. | 424 |
| SIRIPURAPU, K.B., P. GUPTA, G. BHATIA, R. MAURYA, C. NATH and G. PALIT. | |
| Differential effect of zileuton, a 5-lipoxygenase inhibitor, against nociceptive paradigms in mice and rats. | 433 |
| SINGH, V.P., C.S. PATIL and S.K. KULKARNI | |
| Cocaine's effects on the perception of socially significant vocalizations in baboons. | 440 |
| HIENZ, R.D. and E.M. WEERTS. | |
| Naltrexone-induced conditioned place aversion following a single dose of morphine in the rat. | 451 |
| WHITE, D.A., M.L. HWANG and S.G. HOLTZMAN. | |
| The effects of alcohol preexposure on cocaine, alcohol and cocaine/alcohol place conditioning. | 459 |
| BUSSE, G.D., E.T. LAWRENCE and A.L. RILEY. | |
| Involvement of 5-HT₂ receptors in the antinociceptive effect of <i>Uncaria tomentosa</i>. | 466 |
| JÜRGENSEN, S., S. DALBÓ, P. ANGERS, A.R.S. SANTOS and R.M. RIBEIRO-DO-VALLE. | |
| Behaviorally timid rats respond differentially to conventional and atypical neuroleptics. | 478 |
| TAYLOR, G.T. and C.M. YUEDE | |
| Effects of 3,4-methylenedioxymethamphetamine and related amphetamines on autonomic and behavioral thermoregulation. | 485 |
| JAEHNE, E.J., A. SALEM and R.J. IRVINE | |
| Effects of physostigmine and human butyrylcholinesterase on acoustic startle reflex and prepulse inhibition in C57BL/6J mice. | 497 |
| CLARK, M.G., W. SUN, T.M. MYERS, R. BANSAL, B.P. DOCTOR and A. SAXENA | |
| Effects of maternal separation on voluntary ethanol intake and brain peptide systems in female Wistar rats. | 506 |
| GUSTAFSSON, L., K. PLOJ and I. NYLANDER | |

| | |
|---|-----|
| Abecarnil and palatability: Taste reactivity in normal ingestion in male rats. | 517 |
| COOPER, S.J. and E.T. RIDLEY | |
| Enhancement of antidepressant-like activity by joint administration of imipramine and magnesium in the forced swim test: Behavioral and pharmacokinetic studies in mice. | 524 |
| POLESZAK, E., P. WŁAŻ, B. SZEWCZYK, E. KĘDZIERSKA, E. WYSKA, T. LIBROWSKI, J. SZYMURA-OLEKSIAK, S. FIDECKA, A. PILC and G. NOWAK | |
| Naloxone increases ketamine-induced hyperactivity in the open field in female rats. | 530 |
| WILSON, C., K. CONE, M. KERCHER, J. HIBBITTS, J. FISCHER, A. VAN LAKE and J. SUMNER | |
| Neuropharmacological evaluation of diethylether extract and xanthones of <i>Gentiana kochiana</i>. | 535 |
| TOMIĆ, M., G. TOVILOVIĆ, B. BUTOROVIĆ, D. KRSTIĆ, T. JANKOVIĆ, I. ALJANČIĆ and N. MENKOVIĆ | |
| Epipregnanolone and a novel synthetic neuroactive steroid reduce alcohol self-administration in rats. | 543 |
| O'DELL, L.E., R.H. PURDY, D.F. COVEY, H.N. RICHARDSON, M. ROBERTO and G.F. KOOB | |
| Nicotine pretreatment diminished physostigmine-induced tremor in rats. | 551 |
| DA FONSECA, A.D.S. and R. SANTOS | |
| Combined effects of methamphetamine and zolpidem on performance and mood during simulated night shift work. | 559 |
| HART, C.L., M. HANEY, J. NASSER and R.W. FOLTIN | |
| Mesolimbic dopamine drives the diurnal variation in opiate-induced feeding. | 569 |
| BARBANO, M.F., L. STINUS, M. CADOR and S.H. AHMED | |
| Muscarinic and nicotinic receptor modulation of object and spatial n-back working memory in humans. | 575 |
| GREEN, A., K.A. ELLIS, J. ELLIS, C.F. BARTHOLOMEUSZ, S. ILIC, R.J. CROFT, K. LUAN PHAN and P.J. NATHAN | |
| High fat diet increases the incidence of orofacial dyskinesia and oxidative stress in specific brain regions of rats. | 585 |
| FACHINETTO, R., M.E. BURGER, C. WAGNER, D.C. WONDRACEK, V.B. BRITO, C.W. NOGUEIRA, J. FERREIRA and J.B.T. ROCHA | |
| Cognitive enhancement in aged rats after chronic administration of <i>Equisetum arvense</i> L. with demonstrated antioxidant properties in vitro. | 593 |
| GUILHERME DOS SANTOS JUNIOR, J., F. HOFFMANN MARTINS DO MONTE, M. MARCELA BLANCO, V. MARIA DO NASCIMENTO BISPO LANZIOTTI, F. DAMASSENO MAIA and L. KALYNE DE ALMEIDA LEAL | |
| Prenatal stress influences 8-OH-DPAT modulated startle responding and [³H]-8-OH-DPAT binding in rats. | 601 |
| GRIFFIN III, W.C., H.D. SKINNER and D.L. BIRKLE | |
| Ebselen attenuates haloperidol-induced orofacial dyskinesia and oxidative stress in rat brain. | 608 |
| BURGER, M.E., R. FACHINETTO, G. ZENI and J.B.T. ROCHA | |
| Choto-san, a Kampo formula, improves chronic cerebral hypoperfusion-induced spatial learning deficit via stimulation of muscarinic M₁ receptor. | 616 |
| MURAKAMI, Y., Q. ZHAO, K. HARADA, M. TOHDA, H. WATANABE and K. MATSUMOTO | |
| Cross-tolerance and μ agonist efficacy in pigeons treated with LAAM or buprenorphine. | 626 |
| GALICI, R., L.R. MCMAHON and C.P. FRANCE | |
| MDMA (ecstasy) effects in pubescent rats: Males are more sensitive than females. | 635 |
| KOENIG, J., C. LAZARUS, H. JELTSCH, S. BEN HAMIDA, C. RIEGERT, C. KELCHE, B.C. JONES and J.-C. CASSEL | |
| Anxiolytic-like effect of milnacipran in the four-plate test in mice: Mechanism of action. | 645 |
| BOURIN, M., F. MASSE, E. DAILLY and M. HASCOËT | |
| Endogenous opioids are necessary for benzodiazepine palatability enhancement: Naltrexone blocks diazepam-induced increase of sucrose-'liking'. | 657 |
| RICHARDSON, D.K., S.M. REYNOLDS, S.J. COOPER and K.C. BERRIDGE | |
| 8-OH-DPAT-induced effects on prepulse inhibition: Pre- vs. post-synaptic 5-HT_{1A} receptor activation. | 664 |
| GOGOS, A., S. KUSLJIC and M. VAN DEN BUUSE | |
| Oral administration of the 5-HT₆ receptor antagonists SB-357134 and SB-399885 improves memory formation in an autoshaping learning task. | 673 |
| PEREZ-GARCÍA, G. and A. MENESSES | |
| Anxiolytic-like effect of paeonol in mice. | 683 |
| MI, X.J., S.W. CHEN, W.J. WANG, R. WANG, Y.J. ZHANG, W.J. LI and Y.L. LI | |

| | |
|---|-----|
| Effects of interleukin-1 and endotoxin in the forced swim and tail suspension tests in mice. | |
| DUNN, A.J. and A.H. SWIERGIEL | 688 |
| Serotonergic/glutamatergic interactions: Potentiation of phencyclidine-induced stimulus control by citalopram. | |
| WINTER, J.C., J.R. ECKLER, K.C. RICE and R.A. RABIN | 694 |
| Guide for Authors | I |

CONTENTS

VOLUME 81 NUMBER 4 2005

ARTICLES

| | |
|---|-----|
| Impairment of dopaminergic system function after chronic treatment with corticotropin-releasing factor. | |
| IZZO, E., P.P. SANNA and G.F. KOOB | 701 |
| Evaluation of the anticocaine monoclonal antibody GNC92H2 as an immunotherapy for cocaine overdose. | |
| CARRERA, M.R.A., J.M. TRIGO, P. WIRSCHING, A.J. ROBERTS and K.D. JANDA | 709 |
| Rewarding properties of the stereoisomers of 4-methylaminorex: Involvement of the dopamine system. | |
| MERIRINNE, E., M. KAJOS, A. KANKAANPÄÄ, M. KOISTINEN, K. KIIANMAA and T. SEPPÄLÄ | 715 |
| Pharmacological evidence for the activation of Ca^{2+}-activated K^+ channels by meloxicam in the formalin test. | |
| ORTIZ, M.I., G. CASTAÑEDA-HERNÁNDEZ and V. GRANADOS-SOTO | 725 |
| Cognitive effects of dopaminergic and glutamatergic blockade in nucleus accumbens in pigeons. | |
| GARGIULO, P.A., M.J. ACERBO, I. KRUG and J.D. DELIUS | 732 |
| Sensitized effects of neuropeptide Y on multiple ingestive behaviors in P rats following ethanol abstinence. | |
| GILPIN, N.W., R.B. STEWART, J.M. MURPHY and N.E. BADIA-ELDER | 740 |
| Effects of clozapine and 2,5-dimethoxy-4-methylamphetamine [DOM] on 5-HT_{2A} receptor expression in discrete brain areas. | |
| DOAT-MEYERHOEFER, M.M., R. HARD, J.C. WINTER and R.A. RABIN | 750 |
| Effects of paradoxical sleep deprivation and cocaine on genital reflexes in hyperlipidic-fed rats. | |
| ANDERSEN, M.L., V. D'ALMEIDA, P.J.F. MARTINS, H.K.M. ANTUNES and S. TUFIK | 758 |
| Correlation of inbred mouse sensitivity to nitrous oxide antinociception with brain nitric oxide synthase activity following exposure to nitrous oxide. | |
| HENRY, E.D., Y. OHGAMI, S. LI, E. CHUNG and R.M. QUOCK | 764 |
| The effects of dopaminergic-serotonergic reuptake inhibition on maternal behavior, maternal aggression, and oxytocin in the rat. | |
| JOHNS, J.M., P.W. JOYNER, M.S. MCMURRAY, D.L. ELLIOTT, V.E. HOFLER, C.L. MIDDLETON, K. KNUPP, K.W. GREENHILL, L.M. LOMAS and C.H. WALKER | 769 |
| Learning the morphine conditioned cue preference: Cue configuration determines effects of lesions. | |
| WHITE, N.M., S.C. CHAI and S. HAMDANI | 786 |
| Central oxytocinergic and dopaminergic mechanisms regulating penile erection in conscious rats. | |
| MARTINO, B., G.C. HSIEH, P.R. HOLLINGSWORTH, J.P. MIKUSA, R.B. MORELAND and R.S. BITNER | 797 |
| Neuroprotection by crocetin in a hemi-parkinsonian rat model. | |
| AHMAD, A.S., M.A. ANSARI, M. AHMAD, S. SALEEM, S. YOUSUF, M.N. HODA and F. ISLAM | 805 |
| The interaction of sex and route of drug administration in cocaine-induced conditioned taste aversions. | |
| BUSSE, G.D., K.B. FREEMAN and A.L. RILEY | 814 |
| The airway sensory impact of nicotine contributes to the conditioned reinforcing effects of individual puffs from cigarettes. | |
| NAQVI, N.H. and A. BECHARA | 821 |
| The stimulus properties of LSD in C57BL/6 mice. | |
| WINTER, J.C., A.K. KIERES, M.D. ZIMMERMAN, C.J. REISSIG, J.R. ECKLER, T. ULLRICH, K.C. RICE, R.A. RABIN and J.B. RICHARDS | 830 |
| The effects of angelica essential oil in social interaction and hole-board tests. | |
| MIN, L., S.W. CHEN, W.J. LI, R. WANG, Y.L. LI, W.J. WANG and X.J. MI | 838 |
| A comparison of the locomotor stimulant effects of D₁-like receptor agonists in mice. | |
| DESAI, R.I., P. TERRY and J.L. KATZ | 843 |

| | | |
|--|--|-----|
| A developmental role for catecholamines in <i>Drosophila</i> behavior. | PENDLETON, R.G., A. RASHEED, P. PALURU, J. JOYNER, N. JEROME, R.D. MEYERS and R. HILLMAN | 849 |
| Differential effects of mild repeated restraint stress on behaviors and GABA_A receptors in male and female rats. | CHADDA, R. and L.L. DEVAUD | 854 |
| Zingiber officinale Rosc. modulates gamma radiation-induced conditioned taste aversion. | SHARMA, A., A. HAKSAR, R. CHAWLA, R. KUMAR, R. ARORA, S. SINGH, J. PRASAD, F. ISLAM, M.P. ARORA and R. KUMAR SHARMA | 864 |
| Prenatal blockade of androgen receptors reduces the number of intromissions needed to induce conditioned place preference after paced mating in female rats. | DOMÍNGUEZ-SALAZAR, E., F.J. CAMACHO and R.G. PAREDES | 871 |
| Effects of donepezil, nicotine and haloperidol on the central serotonergic system in mice: Implications for Tourette's syndrome. | HAYSLETT, R.L. and Y. TIZABI | 879 |
| Dopamine D₁ and D₂ receptor contributions to L-DOPA-induced dyskinesia in the dopamine-depleted rat. | TAYLOR, J.L., C. BISHOP and P.D. WALKER | 887 |
| Effects of swim stress and α-MSH acute pre-treatment on brain 5-HT transporter and corticosterone receptor. | RACCA, S., A. SPACCAMIGLIO, P. ESCULAPIO, G. ABBADESSA, L. CANGEMI, F. DICARLO and P. PORTALEONE | 894 |
| Potential antidepressant-like effect of MTEP, a potent and highly selective mGluR5 antagonist. | PAŁUCHA, A., P. BRAŃSKI, B. SZEWCZYK, J.M. WIERONŃSKA, K. KŁAK and A. PILC | 901 |
| Estrogen-priming can enhance progesterone's anti-seizure effects in part by increasing hippocampal levels of allopregnanolone. | FRYE, C.A. and M.E. RHODES | 907 |
| Anticholinesterase (DFP) toxicity antagonism by chronic donepezil: A potential nerve agent treatment. | JANOWSKY, D.S., J.M. DAVIS and D.H. OVERSTREET | 917 |
| Behavioral characterization of morphine effects on motor activity in mice. | PATTI, C.L., R. FRUSSA-FILHO, R.H. SILVA, R.C. CARVALHO, S.R. KAMEDA, A.L. TAKATSU-COLEMAN, J.L.S. CUNHA and V.C. ABÍLIO | 923 |
| Impaired female sexual behavior of rat offspring exposed to <i>Solanum lycocarpum</i> unripe fruits during gestation and lactation: Lack of hormonal and fertility alterations. | SCHWARZ, A., É.C.G. FELIPPE, M.M. BERNARDI and H.S. SPINOSA | 928 |
| Perinatal maternal exposure to picrotoxin: Effects on sexual behavior in female rat offspring. | TEODOROV, E., A.P. MORAES, L.F. FELICIO, F.M. VAROLLI and M.M. BERNARDI | 935 |
| Scheduled access to ethanol results in motor impairment and tolerance in female C57BL/6J mice. | CRONISE, K., D.A. FINN, P. METTEN and J.C. CRABBE | 943 |
| Contents of Volume 81 | | 954 |
| Author Index | | 960 |
| Keyword Index | | 963 |
| Guide for Authors | | III |