

CONTENTS No.4, AUGUST VOL.25, 2004

REVIEW ARTICLE

- The neurobiology of pleasure, reward processes, addiction and their health implications**
Tobias Esch & George B. Stefano235

ORIGINAL ARTICLES

- Direct measurement of free radicals in the brain cortex and the blood serum after nociceptive stimulation in rats**
Richard Rokyta, Pavel Stopka, Václav Holecek, Karel Krikava & Ivana Pekárková 252
- Isoproterenol-stimulated melatonin production by perfused rat pineal glands: Age- and time-related effects**
Lobna Naïri-Skandrani, Yasmina Djeridane, Henriette Charbuy & Yvan Touitou 259
- Cardiovascular risk factors in middle-aged women with subclinical hypothyroidism**
Rafael Luboshitzky & Paula Herer264
- Immune and stress responses in C57BL/6 and C3H/HeN mouse strains following photoperiod manipulation**
Michelle L. Gatien, Andrew K. Hotchkiss, Gretchen N. Neigh, Firdaus S. Dhabhar & Randy J. Nelson.....269
- Bovine pars tuberalis secretions release growth hormone from rat pars distalis of pituitary gland**
Martha María Lafarque, Marcelo Ezquer, Luis Inocencio Aguado & Liliana Beatriz Oliveros 275
- Maternal and fetal hypothalamo-pituitary-adrenal axis: different response depends upon the mode of parturition**
Tomasz Ochędalski & Agnieszka Lachowicz280
- A new ovarian denervation technique and its effect on sexual cycle, conception rates and offspring numbers in rats**
Ali Risvanli, Huseyin Timurkan, M. Faik Ozveren & Cabit Kalkan 285
- Treatment of giant paraclinoid aneurysms. Own experience**
Pawel P. Kolasa, Zbigniew Kaurzel & Andrzej Lewinski 289
- The hypothalamic-pituitary-thyroid axis in subjects with subclinical thyroid diseases: The impact of the negative feedback mechanism**
Paolo Falaschi, Antonio Martocchia, Antonella Proietti, Rosaria D'Urso, Serena Gargano, Franco Culasso, & Antonio Rocco294
- Brain differentiation and preferred partner characteristics in heterosexual and homosexual men and women**
Frank Muscarella, Vanessa A. Elias & Lenore T. Szuchman.....299
- C-reactive protein as a predictor of threatening preterm delivery**
Alfred Reron, Hubert Huras, Maciej Szymik & Andrzej Jaworowski.....304
- CASE STUDY**
- Coexisting acromegaly and primary empty sella syndrome**
Zeliha Hekimsoy, Nilgün Yünter & Seda Sivrioglu.....309
- LAUDATIO. Zhennan Xue – ad multos transannos**
Franz Halberg, Germaine Cornelissen, Robert. B. Sothorn & George S Katinas 312