

## FORTHCOMING PAPERS IN THE JOURNAL OF STEROID BIOCHEMISTRY

LESZEK MARKIEWICZ and ERLIO GURPIDE: *In vitro* evaluation of estrogenic, estrogen antagonistic and progestagenic effects of a steroidal drug (Org OD-14) and its metabolites on human endometrium

CLARKE W. DISTELHORST and KATHRYN J. HOWARD: Evidence from pulse-chase labeling studies that the antiglucocorticoid hormone RU486 stabilizes the nonactivated form of the glucocorticoid receptor in mouse lymphoma cells

ROBERT E. KRAMER, JOHN E. BUSTER and RICHARD N. ANDERSEN: Differential modulation of ACTH-stimulated cortisol and androstenedione secretion by insulin

JOACHIM G. LIEHR, DEODUTTA ROY, AYSEGUL ARI-ULUBELEN, QUANG D. BUI, JUDITH WEISZ and HENRY W. STROBEL: Effect of chronic estrogen treatment of Syrian hamsters on microsomal enzymes mediating formation of catecholestrogens and their redox cycling: implications for carcinogenesis

Y. MIYASHITA, T. HIROSE, K. KOUHARA, S. KISHIMOTO, K. MATSUMOTO and B. SATO: Identification of unoccupied but transformed nuclear estrogen receptor in cultured mouse Leydig cell

R. B. FRANKLIN, K. QIAN and L. C. COSTELLO: Regulation of aspartate aminotransferase messenger ribonucleic acid level by testosterone

H. VANDERSTICHELE, W. EECHAUTE and E. LACROIX: Regulation of the pituitary 5 $\alpha$ -reductase activity by gonadotropin releasing hormone and testosterone in the adult male rat

MARC FEUILLOLEY, MONICA B. STOLZ, CATHERINE DELARUE, JEAN-LUC FAUCHERE and HUBERT VAUDRY: Structure-activity relationships of monomeric and dimeric synthetic ACTH fragments in perfused frog adrenal slices

VINCENZO TOSCANO, STEFANIA CAIOLA, MARELLA MARODER, MARIA VITTORIA ADAMO, LIVIO ARGIOLOS, ANTONIO FAMILIARI and GIUSEPPE FAMILIARI: Effects of dihydrotestosterone treatment on adrenal gland function and morphology in adult female guinea-pigs

MIYUKI FURUYAMA, SHINRI KOSHIKA, AKIHIKO AMAKI and MASAHIKO HOSAKA: 3 $\alpha$ -Hydroxysteroid dehydrogenase in the cytosol of rat submandibular gland

CHRISTOPHER LONGCOPE and LISA HOBERG: Estrogen metabolism as measured in blood and urine in female Rhesus monkeys

J.-P. WENIGER, J. CHOURAQUI and A. ZEIS: Estradiol secretion by the ovary of 19-day-old hypophysectomized and sham-operated chick embryos

MIYUKI FURUYAMA, SHINRI KOSHIKA, HIROYUKI HAYASHI, HIROSHI EJIRI and YOSHIYUKI NAKAYAMA: Androgenic actions of 5 $\alpha$ -androstane-3 $\alpha$ ,17 $\beta$ -diol in rat submandibular gland

### *Short Communications*

SUSAN J. QUIRK, JACQUELINE SLATTERY and JOHN W. FUNDER: 11 $\beta$ -Hydroxysteroid dehydrogenase activity in the mammary gland

MARIJA ZAKELJ-MAVRIC, ANA PLEMENITAS, RADOVAN KOMEL and IGOR BELIĆ: 11 $\beta$ -Hydroxylation of steroids by *Cochliobolus lunatus*