

## FORTHCOMING PAPERS IN THE JOURNAL OF STEROID BIOCHEMISTRY

- P. C. KUIVANEN and E. R. DESOMBRE: The effects of sequential administration of  $17\beta$ -estradiol on the synthesis and secretion of specific proteins in the immature rat uterus
- F. O. LEVY, L. EIKVAR, N. H. P. M. JUTTE, A. FRØYSA, S. M. TVERMYR and V. HANSSON: Properties and compartmentalization of the testicular receptor for 1,25-dihydroxyvitamin  $D_3$ .
- B. HOUSTON, G. D. CHISHOLM and F. K. HABIB: Solubilization of human prostatic  $5\alpha$ -reductase
- L. K. REVELLE, J. M. LONDOWSKI, S. B. KOST, R. A. CORRADINO and R. KUMAR: Synthesis and biological activity of  $3\beta$ -fluorovitamin  $D_3$ : Comparison of the biological activity of  $3\beta$ -fluorovitamin  $D_3$  and 3-deoxyvitamin  $D_3$
- N. TERAKAWA, T. AONO, H. TSUTSUMI and K. MATSUMOTO: Replenishment of uterine estrogen receptor in chronically estrogenized rats
- Y. CHIKHAOUI, F. CHITOUR, A.-M. BOUSSIOUX, J.-C. NICOLAS, B. DESCOMPS and A. CRASTES DE PAULET: Enzymatic androgen assay: some properties of human placental microsomal aromatase
- N. J. BOLTON, A. O. RUOKONEN and R. K. VIHKO: Stimulation of the synthesis of steroids and steroid sulphates in human testicular tissue *in vitro* by hCG and by 8-bromo-cyclic AMP
- C. J. NEWTON and V. H. T. JAMES:  $17\beta$ -Hydroxysteroid dehydrogenase activity in leiomyoma and myometrium and its relationship to concentrations of oestrone, oestradiol and progesterone throughout the menstrual cycle
- H. YABUMOTO, F. IKOMA, M. TAKEYAMA, M. TSUJI and K. MATSUMOTO: Hormonal regulations of activities of 4-ene- $5\beta$ - and  $5\alpha$ -reductases and  $17\beta$ -hydroxy-dehydrogenase in immature golden hamster testis
- P. SILBERZAHN, GH. ALMAHBOBI, L. DEHENNIN and A. MEROUANE: Estrogen metabolites in equine ovarian follicles: gas chromatographic-mass spectrometric determinations in relation to follicular ultrastructure and progestin content
- M. ORAVA, F. HAOUR, P. LEINONEN, A. RUOKONEN and R. VIHKO: Relationships between unconjugated and sulphated steroids in porcine primary Leydig cell culture
- P. I. LUNDMO, A. SUNDE and K. J. TVETER: Metabolism of androgens in the seminal vesicles and the different lobes of the prostate in young mature rats
- P. I. LUNDMO, A. SUNDE and K. J. TVETER: Age dependent changes in androgen metabolism in the rat prostate
- P. I. LUNDMO, A. SUNDE and K. J. TVETER: A new dihydrotestosterone-forming index (DHT<sub>i</sub>)
- F. JACOLOT, J. ADELIN, F. BERTHOU and H. H. FLOCH: Determination of  $5\alpha$ -androstane- $3\alpha,17\beta$ -diol and  $5\alpha$ -androstane- $3\beta,17\beta$ -diol in human plasma by radioimmunoassay
- A. MARANDICI and C. MONDER: Comparison of the distribution kinetics and metabolism to acid end-products of corticosterone and 11-deoxycorticosterone in BALB/c mice
- E. N. COZZA, G. BURTON, N. R. CEBALLOS, C. P. LANTOS, M. HARNIK and A. I. SCOTT: Eighteen-deoxyaldosterone and other less polar forms of 18-hydroxycorticosterone as aldosterone precursors in rat adrenals
- H. EYSSEN, J. VAN ELDERE, G. PARMENTIER, S. HUIJGHEBAERT and J. MERTENS: Influence of microbial bile salt desulfation upon the fecal excretion of bile salts in gnotobiotic rats

### *Short Communications*

- L. TSENG and F. L. BELLINO: Inhibition of aromatase and NADPH cytochrome *c* reductase activities in human endometrium by the human placental NADPH cytochrome *C* reductase antiserum
- K. E. PENTTILÄ and P. H. MÄENPÄÄ: Ribosomal ribonucleases in avian liver during estrogen-induced vitellogenin synthesis
- M. J. NAMKUNG, D. J. PORUBEK, S. D. NELSON and M. R. JUCHAU: Regulation of aromatic oxidation of estradiol- $17\beta$  in maternal hepatic, fetal hepatic and placental tissues: comparative effects of a series of inducing agents