

## FORTHCOMING PAPERS IN THE JOURNAL OF STEROID BIOCHEMISTRY

D. FAICT, G. VERHOEVEN, B. MERTENS and P. DE MOOR: Transcortin and  $\alpha_{2U}$ -globulin messenger RNA activities during turpentine-induced inflammation in the rat

D. GAGNE, M. PONS and D. PHILIBERT: RU 38486: A potent antiglucocorticoid *in vitro* and *in vivo*

A. M. TRASH, R. E. MÜLLER and H. H. WOTIZ: A new exchange procedure for the quantitation of prostatic androgen receptor complexes formed *in vivo*

L. B. S. VALLE, R. M. OLIVEIRA-FILHO, J. H. ROMALDINI and P. F. LARA: Pituitary-testicular axis abnormalities in immature male hypothyroid rats

P. KASPAR and H. WITZEL: Steroid binding to the cytosolic estrogen receptor from rat uterus. Influence of the orientation of substituents in the 17-position of the  $8\beta$ - and  $8\alpha$ -series

M. PONS, T. E. J. ROBINSON, L. MERCIER, E. B. THOMPSON and S. STONEY SIMONS Jr: Formation of a fluorescent glucocorticoid receptor-steroid complex in HTC cell cytosol.

G. J. PEPE and E. D. ALBRECHT: The effects of cortisone on the interconversion of cortisol and cortisone in the baboon

C. MASTRI, P. MISTRY and G. W. LUCIER: *In vivo* oestrogenicity and binding characteristics of  $\alpha$ -zearalanol (P-1496) to different classes of oestrogen binding proteins in rat liver

M. COUTARD and D. DUVAL: Autoradiographic study of the nuclear transfer of the antiglucocorticoid compound RU 38486 in mouse tissues

G. L. HAMMOND, M. S. LANGLEY and P. A. ROBINSON: A liquid-phase immunoradiometric assay (IRMA) for human sex hormone binding globulin (SHBG)

E. E. ANDERSON and J. L. TYMOCZKO: Stabilization of glucocorticoid receptor association with RNA by a low molecular weight factor from rat liver cytosol

A. Y. ARINBASAROVA, A. G. Medentsev, V. K. AKIMENKO, K. A. KOSHCHEYENKO and G. K. SKRYABIN: Redox reactions in hydrocortisone transformation by *Arthrobacter globiformis* cells

N. J. GREENFIELD, R. PARSONS, M. WELSH and B. GEROLIMATOS: The side-chain cleavage of cholesterol sulfate II. The effect of phospholipids on the oxidation of the sterol sulfate by inner mitochondrial membranes and by a reconstituted cholesterol desmolase system

I. BELIC, T. KASTELIC-SUHADOLC and B. KRALJ: Bioconversion of steroid glycosides by *Nocardia restricta*

R. W. OWEN, A. N. MASON and R. F. BILTON: The degradation of  $\beta$ -sitosterol by *Pseudomonas* Sp. NCIB 10590 under aerobic conditions

R. C. BONNEY, M. J. REED, P. A. BERANEK and V. H. T. JAMES: Metabolism of adrenal androgens by human endometrium and adrenal cortex

G. MAZZOCCHI, C. ROBBA, P. REBUFFAT, G. GOTTARDO and G. G. NUSSDORFER: Effect of somatostatin on the zona glomerulosa of rats treated with angiotensin II or captopril: stereology and plasma hormone concentrations

A. G. MEDENTSEV, A. Y. ARINBASAROVA, K. A. KOSHCHEYENKO, V. K. AKIMENKO and G. K. SKRYABIN: Regulation of 3-ketosteroid-1-enehydrogenase activity of *Arthrobacter globiformis* cells by a respiratory chain

M. M. FRANCIS, N. KOWALSKY and M. WATANABE: Extraction of a steroid transport system from *Pseudomonas testosteroni* membranes and incorporation into synthetic liposomes

### Short communications

W. J. KOPER, S. R. CORDLE and S. J. YEAMAN: Effect of high and low density lipoproteins on corticotropin-mediated cortisol synthesis by bovine zona fasciculata cells

J. TAMM, U. VOLKWEIN and H. BECKER: The effect of infusions of  $5\alpha$ -dihydrotestosterone or estradiol- $17\beta$  on the concentration of some steroids in the human testicular vein and artery

B. L. MARRONE, J. P. WIEBE, K. D. BUCKINGHAM and F. HERTELENDY: Analysis of steroid metabolites produced by Theca cells from the adult domestic hen