

FORTHCOMING PAPERS IN THE JOURNAL OF STEROID BIOCHEMISTRY

L. X. TIEFENAUER and R. Y. ANDRES: Biotinyl-estradiol derivatives in enzyme immunoassays: structural requirements for optimal antibody binding

ELIZABETH K. SYMES, W. F. COULSON, R. DAS and J. H. SCURR: The synthesis of E-17 α -[¹³¹I]iodo-vinyl oestradiol and evaluation of its use as a radiotracer for oestrogen receptor positive breast tumours

PLACIDO B. GRINO, JAMES E. GRIFFIN and JEAN D. WILSON: Androgen resistance due to decreased amounts of androgen receptor: a reinvestigation

NORIYUKI HARA, TADASHI EGUCHI, NOBUO IKEKAWA, SEIICHI ISHIZUKA and JUN-ICHI SATO: Synthesis and biological activity of (22*E*,25*R*)- and (22*E*,25*S*)-22-dehydro-1 α ,25-dihydroxy-26-methylvitamin D₃

J. D. CROXTALL, M. G. ELDER and J. O. WHITE: Hormonal control of proliferation in the Ishikawa endometrial adenocarcinoma cell line

MONICA FERRINI, ANA MARIA MAGARINOS and ALEJANDRO F. DE NICOLA: Oestrogens down-regulate type I but not type II adrenal corticoid receptors in rat anterior pituitary

B. SVENSTRUP, N. BRUNNER, P. DOMBERNOWSKY, I. NOHR, S. MICIC, P. BENNETT and M. SPANG-THOMSEN: Comparison of the effect of cortisol on aromatase activity and androgen metabolism in two human fibroblast cell lines derived from the same individual

P. STANCHEV, H. RODRIGUEZ-MARTINEZ, L.-E. EDQVIST and H. ERIKSSON: Characterization of uterine sex steroid receptors in the pig and their variation during the oestrous cycle

SOHAIB A. KHAN and BRUCE C. MOULTON: Regulation of 3-hydroxyl-3-methylglutaryl-coenzyme A reductase activity in rat uterine tissues

PETER H. JELINCK and II. LEON BRADLOW: Peroxidase-catalyzed displacement of tritium from regiospecifically labeled estradiol and 2-hydroxyestradiol

HIROSHI INANO, HIROKO ISHII-OHBA, KEIKO SUZUKI and KIYOMI IKEDA: Reasons for reduced activities of 17 α -hydroxylase and C₁₇-C₂₀ lyase in spite of increased contents of cytochrome P-450 in mature rat testis fetally irradiated with ⁶⁰Co

E. P. MURONO and A. L. WASHBURN: Regulation of 5 α -reductase activity in cultured immature Leydig cells by human chorionic gonadotropin

M. LAINE and A. OJANOTKO-HARRI: Progesterone metabolism by major salivary glands of rat—I. Submandibular and sublingual glands

P. J. O'SHAUGHNESSY and J. W. SHEFFIELD: Effect of testosterone on testicular steroidogenesis in the hypogonadal (*hpg*) mouse

C. B. WHORWOOD, J. MONTALTO, S. R. SANDARS and J. F. CONNELLY: Urinary 5-ene-steroid excretion in non-classical congenital adrenal hyperplasia due to 3 β -hydroxysteroid dehydrogenase deficiency (NC-3 β HSD)

Minireview

YU-HUA JI, CHRISTIANE MOOG, GABY SCHMITT and BANG LUU: Polyoxygenated sterols and triterpenes: chemical structures and biological activities

Short Communications

XIAO-DONG QIAN and YUSUF J. ABUL-HAJJ: Synthesis and biological activity of 4-methylestradiol

TAMARA HUDNIK-PLEVNIK and BRONJA CRESNAR: Factors affecting the induction of 11 α -hydroxylase of progesterone in the filamentous fungus *Rhizopus nigricans*