

FORTHCOMING PAPERS IN THE JOURNAL OF STEROID BIOCHEMISTRY AND MOLECULAR BIOLOGY

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General Review

L. P. C. SCHOT and A. H. W. M. SCHUURS: Sex steroids and osteoporosis; effects of deficiencies and substitutive treatments

C. RUEDL, V. CAPPELLETTI, D. CORADINI, G. GRANATA and G. DI FRONZO: Influence of culture conditions on the estrogenic cell growth stimulation of human breast cancer cells

ALEKSANDER W. ROSZAK, YVONNE A. LEFEBVRE, GILLIAN M. HOWELL and PENELOPE W. CODDING: Structural requirements for the binding of dexamethasone to nuclear envelopes and plasma membranes

JEAN S. CAMPBELL and HARRY J. KARAVOLAS: Purification of the NADPH:5 α -dihydroprogesterone 3 α -hydroxysteroid oxidoreductase from female rat pituitary cytosol

AHMED BERRADA, MARC G. DENIS, PHILIPPE BLANCHARDIE, CORINNE CHADENEAU and PATRICK LUSTENBERGER: Glucocorticoid effects and receptors in two rat colon carcinoma cell lines differing by their tumorigenicity

MASAKAZU TAKAHASHI, VAN LUU-THE and FERNAND LABRIE: Inhibitory effect of synthetic progestins, 4-MA and cyanoketone on human placental 3 β -hydroxysteroid dehydrogenase/5 \rightarrow 4-ene-isomerase activity

M. A. GHAFFARI and Y. J. ABUL-HAJJ: Reaction of thiol nucleophiles with 1,2-epoxy- and 4,5-epoxy-estrene-3-one-17 β -ols

SUSAN J. QUIRK, JACQUELYNE A. SLATTERY and JOHN W. FUNDER: Epithelial and adipose cells isolated from mammary glands of pregnant and lactating rats differ in 11 β -dehydrogenase activity

CARL M. MENDEL, MARTIN B. MILLER, PENTTI K. SIITERI and JAMES T. MARAI: Rates of dissociation of steroid and thyroid hormones from human serum albumin

CARL M. MENDEL: Rates of dissociation of sex steroid hormones from human sex hormone-binding globulin: a reassessment

ABDEL-RAHIM IBRAHIM and YUSUF J. ABUL-HAJJ: Aromatase inhibition by flavonoids

M. HARNIK, Y. KASHMAN, M. COJOCARU, H. BAUER M. LAUX, S. LEWICKA and P. VECSEI: Synthesis of 4,19-disubstituted derivatives of DOC. Radioreceptor assay of some corticosteroid derivatives in human mononuclear leukocytes

GIANNI MESSERI, PAOLA TOZZI, MASSIMO QUERCIOLO, LUIGI CATALIOTTI and G. CARDONA: Alkaline phosphatases and steroid receptors in human breast cancer

ARTO K. ORPANA, MAURI M. ORAVA, REIJO K. VIHKO, MATTI HARKONEN and C. J. PETER ERIKSSON: Role of ethanol metabolism in the inhibition of testosterone biosynthesis in rats *in vivo*: importance of gonadotropin stimulation

JOSEPH MONTALTO, JOHN W. FUNDER, ARTHUR B. W. YONG, CHRISTOPHER B. WHORWOOD and JOHN F. CONNELLY: Serum levels of 5-androstene-3 β ,17 β -diol sulphate, and 5 α -androstane-3 α ,17 β -diol sulphate and glucuronide, in late onset 21-hydroxylase deficiency

YVAN TOUITOU, ANDRE AUZEBY and ANDRE BOGDAN: Cortisol and cortisone production in rat and mouse adrenal incubations

QUANG D. BUI, JUDITH WEISZ and STEVEN A. WRIGHTON: Hepatic catecholestrogen synthases: differential effect of sex, inducers of cytochromes *P*-450 and of antibody to the glucocorticoid inducible cytochrome *P*-450 on NADPH-dependent estrogen-2-hydroxylase and on organic hydroperoxide-dependent estrogen-2/4-hydroxylase activity of rat hepatic microsomes

Short Communication

M. J. REED, M. S. ROSS, L. C. LAI, M. W. GHILCHIK and V. H. T. JAMES: *In vivo* conversion of norethisterone to ethinyloestradiol in perimenopausal women