J. steroid Biochem. Vol. 23, No. 5A, pp. i–ii. 1985
Pergamon Press Ltd. Printed in Great Britain

FORTHCOMING PAPERS IN THE JOURNAL OF STEROID BICOHEMISTRY

Part A

LISA L. WEI, WALTER F. MANGEL and BENITA S. KATZENELLENBOGEN: Biological activities of tamoxifen aziridine, an antiestrogen-based affinity label for the estorgen receptor, *in vivo* and *in vitro*

WILLIAM J. HENDRY III and BENJAMIN J. CANZO: Structural conversion of cytosolic steroid receptors by an age-dependent epididymal protease

MARTIN BOHL, GÜNTER KAUFMANN, MICHAEL HÜBNER, GÜNTER RECK and ROLF-GÜNTER KRETSCHMER: A-ring conformation stability and progesterone receptor binding affinity of 4-en-3-one steroids

SUSAN J. QUIRK, JENNIFER E. GANNELL, MERYL J. FULLERTON and JOHN W. FUNDER: Progestins specifically suppress α-lactalbumin synthesis and secretion

B. J. HUGHES, M. RYBCZYNSKA, A. LÄMMEL and M. KRIEG: Effect of denervation or castration on steroid receptors in rat bulbocavernosus/levator ani muscles

FRANÇOIS WILHELM and ANTHONY W. NORMAN: Influence of triamcinolone, estradiol-17β and testosterone on 1,25-dihydroxyvitamin D_3 binding performances to its chick intestinal receptor

C. N. THERON, V. A. RUSSELL and J. J. F. TALJAARD: Evidence that estradiol-2/4-hydroxylase activities in rat hypothalamus and hippocampus differ qualitatively and involve multiple forms of P-450: ontogenetic and inhibition studies

RAJESHWAR D. BINDAL and JOHN A. KATZENELLENBOGEN: 1,2-Diaryl-3,4-dihydronaphthalenes: photofluorogenic ligands for the estrogen receptor

STEVE D. HOLMES and ROY G. SMITH: Ion exchange, chromatofocusing and size exclusion high-performance liquid chromatography of the human uterine progesterine receptor

JONG W. LEE and HENRY J. LEE: Binding of ester and amide epimers of 20ξ-dihydroprednisolonic acid to cytosol receptors and their acute pharmacological activities in rats

BJORN W. BORJESSON and CHRISTOPHER J. TESORIERO: Effects of molybdate on classification of estrogen and progesterone receptor status in human breast cancer

TH. STEIMER, G. E. THEINITZ, P. C. SIZONENKO and W. L. HERMANN: Hydrophobic interaction chromatography (HIC) for the separation of protein-bound and free steroids. Application to binding protein and receptor assays

CHARLES L. BISGAIER, RONALD CHANDERBHAN, RALPH W. HINDS and GEORGE V. VAHOUNY: Adrenal cholesteryl esters as substrate source for steroidogenesis

D. Y. WANG and R. E. KNYBA: Salivary progesterone: relation to total and non-protein-bound blood levels

A. WHITE, G. N. SMITH, S. R. CROSBY and W. A. RATCLIFFE: A study of 19-*O*-carboxymethyl ether and 19-hemisuccinate derivatives of testosterone: their immunogenicity and use of iodinated radioligands for radioimmunoassay of testosterone

HELEN L. HENRY: Effect of ketoconazole and miconazole on 25-hydroxyvitamin D_3 metabolism by cultured chick kidney cells

R. PICON, M. C. PELLOUX, A. BENHAIM and F. GLOAGUEN: Conversion of androgen to estrogen by the rat fetal and neonatal female gonad; effects of DcAMP and FSH

JORGE A. PINEDA, MARIA E. SALINAS and JAMES C. WARREN: Purification and chracterization fo 20α-hydroxysteroid dehydrogenase from bull testis

IAN R. SENCIALL, SHEILAGH RAHAL and KANDAN SETHUMADHAVAN: Rates of progesterone oxidation by rabbit liver microsomes before and after phenobarbitone treatment

SACHIKO SUGANO, TAIRA OHNISHI, MORIKO HATAE, KAZUNORI ISHIMURA, HISAO FUJITA, TOSHIO YAMANO and MITSUHIRO OKAMOTO: Monoclonal antibodies against bovine adrenal cytochrome P-$450_{11\beta}$ and cytochrome P-450_{scc}. Their isolation, characterization and application to immunohistochemical analysis of adrenal cortex

PATRICIA B. KAN, MARGARET A. HIRST and DAVID FELDMAN: Inhibition of steroidogenic cytochrome P-450 enzymes in rat testis by ketoconazole and related imidazole anti-fungal drugs

ANITA OJANOTKO-HARRI: Metabolism of progesterone by human healthy and inflamed gingiva *in vitro*

N. TERADA, T. YAMANE, Y. OGASAWARA, K. MATSUMOTO and Y. KITAMURA: Age-dependent change in sensitivity of oestrogen-induced uterine cell proliferation of mice, estimated by incorporation of [^{125}I]iododeoxyuridine

R. WEBB, G. BAXTER, D. MCBRIDE, G. D. NORDBLOM and M. P. K. SHAW: The measurement of testosterone and oestradiol-17β using iodinated tracers and incorporating an affinity chromatography extraction procedure

FRANCISCO J. ROJAS, JAMES L. O'CONNER and RICARDO H. ASCH: The antiprogesterone steroid RU-486 does not impair gonadotropin-stimulated luteal adenylyl cyclase activity or gonadotropin release by pituitary cells

K. A. PHILIPSON, M. G. ELDER and J. O. WHITE: The effects of medroxyprogesterone acetate on enzyme activities in human endometrial carcinoma

C. LONGCOPE, S. GORBACH, B. GOLDIN, M. WOODS, J. DWYER and J. WARRAM: The metabolism of estradiol; oral compared to intravenous administration

J. KOLANOWSKI, N. ORTEGA, T. ORTIZ and J. CRABBE: Enhanced androgen production by rabbit adrenocortical cells stimulated chronically with corticotropin: evidence for increased 17α-hydroxylase activity

Short Communications

STANLEY KOSZELAK and ALEXANDER MCPHERSON: Crystallization and preliminary X-ray analysis of the vitamin D binding protein from human serum

R. C. BONNEY, M. J. REED and V. H. T. JAMES: Kinetic studies of oestradiol 17β-hydroxysteroid dehydrogenase in MCF-7 mammary cancer cells

I. R. SENCIALL, S. RAHAL and K. SETHUMADHAVAN: Solubilisation and fractional precipitation of a steroid alph-ketol oxidase.

IAN R. SENCIALL, SHEILAGH RAHAL and KANDAN SETHUMADHAVAN: Lack of correlation between hepatic microsomal progesterone 21-hydroxylase activity and the excretion of acidic metabolites in rabbit urine

Part B

Chemotherapy in Combination with Hormonal Therapy in Breast Cancer. An Update.
This will consist of papers from the proceedings of an international symposium held in S. Terenzo di Lerici, La Spezia, Italy, 24–25 September 1983

ANNOUNCEMENT

6TH INTERNATIONAL SYMPOSIUM ON MASS SPECTROMETRY IN LIFE SCIENCES, GHENT, BELGIUM

August 31–*September* 3, 1986

The above symposium is being sponsored by the Faculty of Pharmaceutical Sciences of the state University of Ghent, the National Foundation of Scientific Research (N.F.W.O.–F.N.R.S.) and the Ministry of National Education of Belgium. Contributed papers and posters will cover the following topics: drug metabolism, clinical chemistry, biochemistry, pharmacokinetics, toxicology, ecology, isotope labelling and new techniques of analysis. All papers must be presented in English and no simultaneous translation will be provided. The deadline for receipt of abstracts is May 15, 1986.

Further information may be obtained from: Professor Dr A. De Leenheer, Laboratoria voor Medische Biochemie en voor Klinische Analyse, Harelbekestraat 72, B-9000 Ghent, Belgium. Tel.: (091) 21 89 51, ext. 324.