JOURNAL OF ENDOCRINOLOGY

It is hoped to publish the following papers in a forthcoming issue of the Journal:

McConahey, P. The production of ‘sulphation factor’ by rat liver.

Mena, F. & Grosvenor, C. E. Effect of suckling and of exteroceptive stimulation upon prolactin release in the rat during late lactation.

Thorburn, G. D. & Schneider, W. The progesterone concentration in the plasma of the goat during the oestrous cycle and pregnancy.

Tam, W. H. Steroid metabolic pathways in the ovary of the chinchilla (Chinchilla laniger).


Boyd, N. R. H., Jackson, D. B., Hollingsworth, Stella, Forsling, Mary L. & Chad, T. The development of a radioimmunoassay for oxytocin: the extraction of oxytocin from urine and determination of the excretion rate for exogenous and endogenous oxytocin in human urine.

Johnston, C. I. Radioimmunoassay for plasma antidiuretic hormone.


Norström, A. & Sjöstrand, J. Effect of salt-loading, thirst and water-loading on transport and turnover of neurohypophysial proteins of the rat.

Norström, A. & Sjöstrand, J. Effect of suckling and parturition on axonal transport and turnover of neurohypophysial proteins of the rat.

Heikkila, Jorma. Excretion of 15α-hydroxyoestriol and oestriol in urine of newborn infants and in maternal urine before and after delivery.


Milewich, L. & Axelrod, L. R. Oestrogen synthesis from [4-14C-1,2-3H]testosterone by placental microsomes from baboons.

Scoon, V. & Major, Patricia W. Regulation of steroid synthesis in rabbit ovarian homogenates by luteinizing hormone, cyclic AMP and pyridine nucleotides.


McNeilly, A. S. The blood levels of oxytocin during suckling and hand-milking in the goat with some observations on the pattern of hormone release.

Smith, B. R. & Munro, D. S. Inactivation of long-acting thyroid stimulator in vivo.

Short communications

Dörner, G., Götz, F. & Mainz, K. Infertility and maintained sexual behaviour in male rats treated with chlormadinone acetate.


Zolovic, A. J. Role of central sympathetic neurones in the release of gonadotrophin after hemiovariectomy.

Rivera, E. M. & Cummins, E. P. Insulin stimulation of uridine incorporation into acid-soluble and acid-insoluble ribonucleotides of mammary gland explants.


McNeilly, A. S., Legros, J. J. & Forsling, Mary L. Release of oxytocin, vasopressin and neurophysin in the goat.

Kadioglu, D. & Harrison, R. G. The pleomorphism of mitochondria in the rat adrenal cortex.

Ectors F., Danguy, A. & Pasteels, J. L. Ultrastructure of organ cultures of rat hypophyses exposed to ergocornine.

McNeilly, A. S., Martin, M. J., Chad, T. & Hart, I. C. Simultaneous release of oxytocin and neurophysin during parturition in the goat.
MEDAL OF THE SOCIETY FOR ENDOCRINOLOGY

Professor J. G. Phillips was awarded the Medal of the Society for Endocrinology for 1971.

John Guest Phillips was born in Swansea in 1933; he graduated in the Honours School of Zoology, University of Liverpool, in 1954. He then joined the research group of Chester Jones and began the successful survey of adrenocortical secretions of representatives of all vertebrate classes. In 1957 he was awarded a Harkness Fellowship of the Commonwealth Fund of New York and worked with Grace Pickford and Philip Bondy at Yale. Here he and Pickford made the fundamental observation that only prolactin had the property of maintaining hypophysectomized euryhaline killifish in freshwater. This has stimulated a great deal of work on the role of prolactin and its evolutionary significance in vertebrates. Phillips went to Sheffield in 1959 and continued his work on the hormonal control of the nasal gland in birds, initiated in a stay at the Department of Zoology, University of British Columbia, Vancouver. In 1962 he was elected to the Chair of Zoology, University of Hong Kong and developed a very strong research school in Comparative Endocrinology, taking advantage of the varied and rich fauna available. There, work continued on the nasal gland and other research covered the topics of sloughing in reptiles, the biosynthetic pathways in the adrenal and testis of submammalian vertebrates, and seasonal and diurnal rhythms. The importance of the environment was more and more evident in the endocrinological studies and this aspect is being stressed in Hull where Phillips was appointed Professor of Zoology in 1967.
ANNOUNCEMENT

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