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

**Peeters, G., Legros, J. J., Piron-Bossuyt, C., Reynaert, R., Vanden Driessche, R. and Vannieuwenhuyse, E.**
Release of neurophysin I and oxytocin by stimulation of the genital organs in bulls.

**Hansen, S., Södersten, P. and Eneroth, P.**
Mechanisms regulating hormone release and the duration of dioestrus in the lactating rat.

**Södersten, P., Hansen, S. and Eneroth, P.**
Evidence that prolactin does not affect the induction of sexual behaviour by oestradiol and progesterone in ovariectomized rats.

**Södersten, P., Hansen, S. and Eneroth, P.**
Inhibition of sexual behaviour in lactating rats.

**Urwin, Valerie.**
The use of heterologous radioimmunoassays for the measurement of follicle-stimulating hormone and luteinizing hormone concentrations in horse and donkey serum.

**Gupta, B. B. Pd. and Thapliyal, J. P.**
Adrenal hormones and oxidative metabolism of the garden lizard (*Calotes versicolor*).

**Kiss, A., Juráni, M. and Kvaltínová, Z.**
Distribution of catecholamines in individual hypothalamic nuclei of Japanese quail.

**Wrutniak, Chantal and Cabello, Gérard.**
Changes in the concentration of thyroxine in the plasma of rat fetuses during late gestation: influence of ligation of the maternal uterine vein and artery.

**Oliss, C. A., MacNeil, S., Walker, S. W., Brown, B. L., Sharrard, R. M., Munro, D. S. and Tomlinson, S.**
A possible role of calmodulin in human thyroid cell metabolism.

**Smith, J. V. and Falconer, I. R.**
Effect of nigericin and varying potassium concentrations on the prolactin-stimulated synthesis of milk fat in explants of mammary alveolar tissue from rabbits.

**Kühn, E. R., Decuyperere, E., Hemschoote, K., Berghman, L. and Paulussen, J.**
Antagonism of serum triiodothyronine changes after injections of prolactin in the domestic fowl before and after hatching.

**Mishina, Takao, Shimada, Hajime and Marumo, Fumiaki.**
Simulatory and inhibitory effects of guanine nucleotides on arginine-vasotocin-sensitive adenylate cyclase in the epithelial cell membranes of the bullfrog bladder.

**Simpson, S. M., Urbanski, H. F. and Robinson, J. E.**
The pineal gland and the photoperiodic control of luteinizing hormone secretion in intact and castrated Japanese quail.

**Tasaka, K., Miyake, A., Sakamoto, T., Aono, T. and Kurachi, K.**
Prostaglandin D₂ induces release of luteinizing hormone from the rat pituitary gland without the modulation of hypothalamic luteinizing hormone releasing hormone.

**Beauwens, Renaud, Birmingham, Marion and Crabbé, Jean.**
Stimulation of sodium transport by toad skin incubated with natural derivatives of corticosterone and deoxycorticosterone.

**Wilson, S. C., Knight, P. G. and Cunningham, F. J.**
Evidence for the involvement of central conversion of testosterone to oestradiol-17β in the regulation of luteinizing hormone secretion in the cockerel.

**Knight, P. G.**
Variations in hypothalamic luteinizing hormone releasing hormone content and release *in vitro* and plasma concentrations of luteinizing hormone and testosterone in developing cockerels.

**Leake, A., Chisholm, G. D. and Habib, F. K.**
Characterization of the prolactin receptor in human prostate.

**Asa, C. S., Robinson, J. A. and Ginther, O. J.**
Changes in plasma cortisol concentrations during the ovulatory cycle of the mare.
ANNOUNCEMENTS

Society for Endocrinology

The Society for Endocrinology is holding a symposium on New Techniques in Endocrine Research on 18 November 1983 at the Institute of Education, London. Topics and speakers are as follows:

L. Bitensky  New approaches with cytochemical assays
M. Neville  Monoclonal antibodies in immunocytochemistry
G. Cunha  Stromal/epithelial inter-relationships
E. Jensen  Monoclonal antibodies and oestrogen receptors
P. Thorpe  Drug targetting
O. Pongs  Ecdysone—gene cloning
F. Morel  Single isolated nephrons and the regulation of receptor activity in the kidney
J. Metcalf  Monitoring of calcium flux in endocrine cells
W. R. Allen  Ultrasound with regard to early implantation and assessment of ovulation
R. Walker  Salivary steroid analysis
S. Woodhead  Chemiluminescence—immunoassays and automation

There will be a registration fee of £15 for non-members of the Society and a composition fee of £2 for members. Consideration will be given to waiving the non-members’ fee for postgraduate students on receipt of a supporting letter from the student’s supervisor when a fee of £2 would then be charged. A registration desk will be available in the foyer of the Institute. Further information and registration forms can also be obtained from: Society for Endocrinology, Business Office, 23 Richmond Hill, Bristol BS8 1EN. Tel. (0272) 734662.

The Hormone Group of the Society for Endocrinology and the Biochemical Society will be holding a Symposium on 17 November 1983 from 2.00 to 5.15 p.m. at the Institute of Education, London. It will deal with the isolation, purification, superfusion and culture of cells from the pituitary, thyroid, adrenal cortex, ovary and testis. The speakers will be J. F. Tait, B. Williams, D. Schulster, J. Buckingham, E. Linton, C. D’Arville, M. F. Scanlon, M. Hunter and C. R. Hopkins.

Society for Endocrinology Best Thesis Award. The Committee of the Society for Endocrinology is to make an award for the best paper published in The Journal of Endocrinology in 1983 based upon work submitted in a thesis for a higher degree. Candidates must be nominated by their supervisor after publication. The supervisor must provide information about the candidate’s role in the initiation and planning of the work, in the execution of the research, in the interpretation of the results, and in the writing of the paper for the Journal. Such information is of particular importance for papers having several authors where the relative contributions of workers can be difficult to assess. The Officers of the Society will constitute the award committee.

Nominations from supervisors should be sent before 17 February 1984 to the Editor: Dr A. T. Cowie, The Journal of Endocrinology, 23 Richmond Hill, Bristol BS8 1EN, England.

The 3rd Joint Meeting of British Endocrine Societies will be held in Edinburgh from 27 to 29 March 1984. Symposia will cover the following topics: human growth hormone and its regulation; molecular biology of the thyroid hormones; hormones, blood pressure and the kidney; gonadal peptides; new technologies in hormone measurement; steroid action in the brain. There will also be a number of plenary lectures as well as free communications and posters.
Information will be mailed to all members of participating Societies and others interested may obtain information and abstract forms from Society for Endocrinology, Business Office, 23 Richmond Hill, Bristol BS8 1EN. Tel. (0272) 734662. Deadline for receipt of abstracts is 1 December 1983.

**Specialist Short Course.** *Regulatory Peptides; 23–27 January 1984.* All aspects of regulatory peptides with particular emphasis on morphology. Methods of localization; electron immunocytochemistry; tissue distribution, including CNS, lung, gastroenteropancreatic system, skin, genito-urinary system, heart. Principles and usefulness of radioimmunoassay for the measurement of regulatory peptides in body fluids and tissues.

The course organizers are Julia M. Polak, Department of Histochemistry and Stephen R. Bloom, Department of Medicine. The course fee is £200 and the closing date for application is 31 October 1983. Application forms and further details are available from Dr J. M. Polak, Department of Histochemistry, Royal Postgraduate Medical School, Hammersmith Hospital, Du Cane Road, London W12 0HS.

**The 27th Symposium of the Journées Internationales d'Endocrinologie Clinique** on 'Prolactin 1984' will be held in Paris on 18–19 May 1984. The main lectures and free communications will be given in English and French. Deadline for receipt of abstracts is 31 December 1983. For further information please contact The Scientific Secretariat: Dr G. Copinschi and Dr L. Vanhaeet, Laboratoire de Médecine Expérimentale, Faculté de Médecine, Université Libre de Bruxelles, 2 rue Evers, B-1000 Brussels, Belgium.

**The Third International Symposium on Avian Endocrinology** will be held from 25 to 28 June 1984 at Rutgers University, Cook College, New Brunswick, New Jersey, U.S.A. The following topics will be included: hypothalamo-pituitary axis; growth in poultry; reproduction in domestic chickens and turkeys; pineal gland; behavior; annual cycles and photoperiodism; metabolism; osmoregulation. There will also be poster sessions and round table discussions on: behavior and stress; reproduction; environment and nutrition.

For further information and registration details please contact Dr Colin G. Scanes (Chairman of Local Committee) or Dr Rocco V. Carsia, Third International Symposium on Avian Endocrinology, c/o Bartlett Hall, Rutgers University, Cook College, New Brunswick, New Jersey 08903, U.S.A.

**Application for Travel Awards to the VII International Congress of Endocrinology, Quebec City, 1–7 July 1984.** The Awards Committee of the ISE is prepared to make up to 200 travel awards for the VII International Congress of Endocrinology. The Committee will screen and rank the applicants. The awards will be either $500 or one-half the lowest cost of round-trip air fare from your home airport to Quebec City, whichever is less. Application forms may be obtained from the Secretary-General, ISE, 9650 Rockville Pike, Bethesda, Maryland 20814, U.S.A.

Awards will be made by the Awards Committee. Preference will be given to young endocrinologists and/or to endocrinologists from Third World countries who have demonstrated interest in endocrine research. These awards are intended for individuals who have no other source of funds to attend the Congress.

The deadline for receipt of completed applications is 15 February 1984. Notification of awards will be made in March 1984.

**The Steroid Reference Collection**, which is maintained by the U.K. Medical Research Council and the U.S. National Institute of Arthritis and Metabolic Diseases, N.I.H., provides milligram or microgram samples of reference steroids free of charge for use in clinical or biochemical studies, including the development and standardization of microassays, chromatography, and mass spectrometry.
Recent donations of samples from eminent scientists and from the pharmaceutical industry, as well as syntheses in our laboratories, have expanded the Collection to over 4000 different compounds including steroid hormones and their metabolites, sterols, bile acids, and commercial synthetic analogues of the steroid hormones.

The Collection employs a team of chemists who offer assistance with chemical problems involving steroid structures, identification, or synthesis. Members of the team are engaged in collaborative research with workers in various clinical, endocrinological and biochemical aspects of steroids. Proposals are invited for new collaborative projects with a chemical content; any proposals should be accompanied by sufficient background information for evaluation by a Steering Committee of the Medical Research Council.

The collection also offers NMR services (\(^1\)H and \(^13\)C) for the identification of new steroidal compounds, and for structural studies.

Enquiries, requests for information, lists of available steroids, or offers of samples for the Collection, should be addressed to: Professor D. N. Kirk, Curator of the Steroid Reference Collection, Chemistry Department, Westfield College, Hampstead, London, NW3 7ST. Workers in the U.S.A., however, are asked to address enquiries or requests to: Dr D. F. Johnson, Building 4, Room 141, National Institute of Health, Bethesda, Maryland 20014, U.S.A.

A Summer School on Mathematical Modelling in Physiology and Clinical Medicine will be held from 4 to 8 June 1984 at The University of Padua, Padua, Italy. The course will concern modelling theories and techniques, and their application to the study of physiological processes, to the teaching of clinical diagnosis and management, and to experimental design and laboratory organization. The fee for the course will be approximately $200 (U.S.).

For details and registration please contact: Professor C. Cobelli, Department of Electrical Engineering and Electronics, University of Padua, Via Gradenigo, 6A, 35131 Padova, Italy or Dr E. R. Carson, Research Centre for Measurement and Information in Medicine, The City University, Northampton Square, London EC1V 0HB.