CONTENTS

Preface .............................................................................................................. 319
Drawing of Medicinsk-anatomisk Institut, Copenhagen, by Kirsten Rode, 1954 ... 321

PART I. CHEMICAL AND BIOLOGICAL ASSAYS OF CORTICOSTEROIDS
IN BODY FLUIDS

Borth, R.: Problems related to the chemical assay of corticosteroids in human body fluids. (To be published in Acta endocrinol.).
Voigt, K.-D., Schroeder, W. and Beckmann, I.: Chromatographic and electrophoretic determinations of corticosteroids ........................................... 325
Gemzell, C. A.: Methods of estimating corticosteroids in plasma .................. 342
Plantin, L.-O.: Infrared spectrographic analysis of corticosteroids ............... 351
Sprechler, M.: Comparison of various methods for the chemical assay of corticoids in urine. (Summary) ................................................................. 374
Neher, R. and Wettstein, A.: Physicochemical detection and measurement of aldosterone in body fluids and tissues ............................................ 386
Arnesen, K.: Conditional difference in lipid content of adrenals in two strains of mice and their hybrids ..................................................... 396

PART II. THE RELATIONSHIP BETWEEN THE HYPOPHYSIS
AND THE THYROID GLAND

Querido, A.: The metabolism of thyrotrophic hormone. (Manuscript not submitted).
Lamberg, B.-A.: Assay of thyrotrophin with radioactive indicators ............... 405
Paulsen, Fr.: Purification of thyrotrophin. (Manuscript not submitted).
Schuchardt, E.: The morphokinesis of the thyroid gland. An example of the tissue analysis according to the method of linear measurement ............................. 421
Friis, T. and Secher, E.: Protein-bound iodine of serum in induced abortion and at delivery ................................................................. 428
Kracht, J.: Thyrotrophin and experimental thyroiditis ......................................... 437
Mühlbock, O.: Tumours of the hypophysis and the thyroid in mice. (Summary) .... 445
Lamberg, B.-A.: Some aspects of the thyro-hypophysial syndrome .................... 446
Noach, E. L.: Influence of oestrogens on TSH-thyroid relationship. (Summary) .... 454
Igel, H.: The thyrotrophic activity of the hypophysis after thyroidectomy, thyroidectomy and gonadectomy, and after administration of methylthiouracil in rats .... 455
Schwarz, F.: The influence of Prominal on thyroid function in the rat. (Summary) 460

PART III. ENDOCRINE DISORDERS IN CHILDHOOD

Bergstrand, C. G.: Endocrine disorders in childhood ........................................ 465
Friderichsen, C.: Waterhouse-Friderichsen syndrome (W.-F.S.) .......................... 482
Andersen, H., Hansted, C., Sprechler, M. and Thamdrup, E.: The adrenogenital syndrome in children .............................................................. 493
Nowakowski, H.: Bilateral testicular atrophy as a result of scrotal hematoma in the newborn ................................................................. 501
Grette, K.: A case of hypoparathyroidism in an 18 years old girl ....................... 506
Bierich, J. B., Bohe, E. and Voigt, Kl.-D.: New aspects of the pathogenesis of the adrenogenital syndrome ..................................................... 512
Hellinga, G.: Growth promoting treatment in small children. Improvement of ultimate height with methyl testosterone .................................................. 536
Hortung, H.: Congenital kidney anomalies in »Turner's syndrome« ............ 548
Pedersen, J.: Weight and length at birth of infants of diabetic mothers. (Summary) 553

PART IV. SCIENTIFIC EXHIBITION FROM THE ENDOCRINE CLINIC, DRONNING LOUISES BØRNEHOSPITAL, COPENHAGEN

Andersen, H., Asboe-Hansen, G., Quaade, F. and Wichmann, R.: Skin biopsy and thyrotrophin assay in children with endocrine disorders, especially hypothyroidism ................................................................. 557
Andersen, H.: Changes in the spine in children with hypothyroidism .......... 560
Andersen, H.: Cortisone in diagnosis and treatment of the adrenogenital syndrome. (Summary) .......................................................... 562
Brandt, S. and Andersen, H.: Electroencephalographic findings in children with endocrine diseases. (Summary) ........................................... 563
Grenbœk, P.: A sweat electrolyte test for adrenocortical function ............... 563
Andersen, H., Andreassen, M. and Quaade, F.: Testicular biopsies in cryptorchidism 567
Andersen, H. and Quaade, F.: The effect of D-Amphetamine on obese children. (Summary) ................................................................. 570