

หนังสือของอิง

Albrecht, M. 1954. Mounting Frozen Section with
Gelatin Stain. Techn. 29:89 - 90.

Arai, Y., and Gorski, R.A. 1968. Inhibition of ovarian
Compensatory Hypertrophy by Hypothalamic Implan-
tation of Gonadotrophin in Androgen-Sterilized Rats:
Evidence for "Internal" Feedback. Endocrinology
82:871 -873.

Barracough, C.A. 1967. Modifications in Reproductive
Function after Exposure to Hormones During the Pre-
natal and Early Postnatal Period. In Neuroendocri-
nology (Martini, L., and Ganony, W.F., eds.), 2, pp
61 - 99. Academic Press. New York.

Bates, R.W., Milkovic, S., and Garrison, M.M. 1964.
Effects of Prolactin, Growth Hormone and ACTH, Alone
and in Combination Upon Organ Weights and Adrenal
Function in Normal Rats. Endocrinology 74:714 -723.

Beck, J.C., Gonda, A., Hamid, M.A., Morgen, R.O., Rubin-
stein, D. and Mc Garry, E.E. 1964. Some Metabolic
Changes Induced by Primate Growth Hormone and Purified
Ovine Prolactin. Metabolism 13:1104 - 1134.

Blandau, R.J. 1955. Ovulation in the Living Albino Rat.
Fertil. Steril. 6:391 - 404.

Bogdanove, E.M. 1963. Direct Gonad-Pituitary Feedback :
An Analysis of Effects of Intracranial Estrogenic
Depots on Gonadotrophin Secretion. Endocrinology 73,
696 -712.

Clemens, J.A., and Meites. J. 1968. Inhibition by
Hypothalamic Protactin Implants of Prolactin Secretion,
Mammary Growth and Luteal Function. Endocrinology 82:
878 -881.

Cole, H.H. 1969. Physiological Characterization of Gonadotropins. In Reproduction in Domestic Animal. (Cole,
H.H. and P.T. Cupps, eds.), 2nd, ed. pp 17 - 39.,
Academic Press. New York, London.

Corbin, A. 1966 a. Pituitary and Plasma LH of Ovariectomized Rats with Median Eminence Implants of LH.
Endocrinology 78:893 - 896.

Corbin, A. 1966 b. The Internal Feedback Mechanism :
Effect of Median Eminence (ME) Implants of FSH on
Pituitary FSH and on Stalk-Median Eminence (SME)
FSH - RF. Excerpta Medica, Int. Cong. Ser. III:194.

Corbin, A., and Cohen, A.I. 1966. Effect of Median Eminence Implants of LH on Pituitary LH of Female Rats. Endocrinology 78:41 - 46.

Corbin, A., Daniels, E.L., and Milmore, J.E. 1970. The Internal Feedback Mechanism Controlling Follicle Stimulating Hormone Releasing Factor. Endocrinology 86:735 -743.

Corbin, A., and Story, J.C. 1967. Internal Feedback Mechanism: Response of Pituitary FSH and of Stalk-Median Eminence Follicular Stimulation Hormone-Releasing factor to Median Eminence Implants of FSH. Endocrinology 80:1006 - 1012.

Critchlow, B.V., and Bar-Sela, M.E. 1967. Control of the Onset of Puberty. In Neuroendocrinology. (Martini, L., and Ganong, W.F. eds.), Vol II, P.101-148 Academic Press, New York.

David, M.A., Fraschini, F., and Martini, L. 1966. Control of LH Secretion : Role of a Short Feedback Mechanism. Endocrinology 78 : 55 - 60.

Davidson, J.M. 1966. Control of Gonadotropin Secretion in the Male. In Neuroendocrinology (Martini, L., and Ganong, W.F., eds), I, pp. 565 -611. Academic Press, New York.

- De Groot, L. 1959. The Rat Hypothalamus in Stereotaxic Coordinates. Journal of Comparative Neurology. Vol. 113 : 389 - 400.
- Desjardins, C. 1969. Alteration of Hypophyseal LH and FSH Release by Exogenous LH and FSH in Orchidectomized Mice. Proc. Soc. exp. Biol., N.Y. 130:535 - 542.
- Fernstrom, R.C. 1958. A Durable Nissl Stain for Frozen and Paraffin Sections. Stain. Techn. 33:175 - 176.
- Flerko, B. 1966. Control of Gonadotropin Secretion in the Female. In Neuroendocrinology (Martini, L., and Ganong W.F., eds.), I, pp. 613-653. Academic Press, New York.
- Foster, M.A., Foster, R.C., and Hisaw, F.L. 1937. The Interrelationship of the pituitary Sex Hormones in Ovulation, Corpus Luteum Formation, and Corpus Luteum Secretion in the Hypophysectomized Rabbit. Endocrinology 21 : 249 - 259.
- Frankel, A.I., Gibson, W.R., Graber, J.W., Nelson, D.M., Reichert, L.E. Jr., and Nalbandov, A.V. 1965. An Ovarian Ascorbic Acid Depleting Factor in the Plasma of Adenohypophysectomized Cockerels. Endocrinology 77 : 651 - 657.

Fraschini, F., Motta, M., and Martini, L. 1968. A Short Feedback Mechanism Controlling FSH Secretion.
Experientia 24 : 270 - 271.

Ganong, W.F., and Kragt, C.L. 1969. Role of the Nervous System in Reproduction Processes. In Reproduction in Domestic Animals (Cole, H.H. and Cupps, P.T., eds.), pp. 155 - 181. Academic Press, New York, London.

Greep, R.O., and Jones, I.C. 1950. Steroid Control of Pituitary Function. Recent Progr. Hormone Res. 5:197-254.

Greep, R.O., Van Dyke, H.B., and Chow, B.F., 1941. Use of Anterior Lobe of Prostate Gland in Assay of Metakentrin. Proc. Soc. Exptt. Biol. Med. 46 : 644 - 649.

Greep, R.O. 1961. Physiology of the Anterior hypophysis in Relation to Reproduction. In Sex and Internal Secretions (Young, W.C. ed.), 3rd ed. Vol. I, pp 240 - 301. Williams & Wilkins, Baltimore, Maryland.

Halasz, B., and Pupp, L. 1965. Hormone Secretion of the Anterior Pituitary Gland After Physical Interruption of All Nervous Pathways to the Hypophysiotrophic area. Endocrinology 77 : 553 - 562.

Heller, C.G., Heller, E.J., and Sevringshans, E.L. 1942. Does Estrogen Substitution Materially Inhibit Pituitary Gonadotropic Potency? Endocrinology 30: 309 - 316.

Hisaw, F.L. 1947. Development of the Graafian Follicle and Ovulation. Physiol. Rev. 27:95 - 119.

Hirono, M., Igarashi, M., and Matsumoto, S. 1970. Short and Auto - Feedback Control of Pituitary FSH Secretion. Neuroendocrinology 6 : 274.

Jazdowska, B., and Dobrowolski, W. 1965. Vascularization of the Hypophysis in Sheep. Endokr. Pol. 19:269 - 282.

Katz, S., Molitch, M., and Mc Cann, S.M. 1967. Feedback of Hypothalamic Growth Hormone (GH) Implants Upon the Anterior Pituitary (AP). Program of the Fortyninth Meeting of the Endocrine Society. P. 86.

Katz, S.H., Molitch, M. and Mc Cann, S.M. 1969. Effect of Hypothalamic Implants of GH on Anterior Pituitary Weight and GH Concentration. Endocrinology 85 : 725 - 734.

Kawakami, M., and Sawyer, C.H. 1959. Induction of Behavioral and Electroencephalographic changes in the Rabbit by Hormone Administration on Brain Stimulation. Endocrinology 65 : 631 - 643.

Krulich, L, and Mc Cann, S.M. 1966. Influence of GH on Content of GH in the Pituitaries of Normal Rats. Proc. Soc. Exp. Biol. Med. 121 : 1114 - 1117.

Long, J.A. and Evans, H.M. 1922. The Oestrous Cycle in the Rats and Its Associated Phenomena. Mem. Uni. Calif. 6 : 1 - 111.

Mc Cann, S.M., Dhariwal, A.P.S., and Porter, J.C. 1968. Regulation of the Adenohypophysis. Ann. Rev. Physiol. 30 : 589 - 640.

Mc Cann, S. M., Watanabe, S., Crighton, D.B., Beddow, D., and Dhariwal, A.P.S. 1968. The Physiology and Biochemistry of LH-RF and FSH-RF. In Pharmacology of Hormonal Polypeptides and Proteins (Back, N.; Martini, L., and Paoletti, R., eds.), pp. 112-122. Plenum Press, New York.

Mendel, J.L. 1933. Influence of Ovarian Grafts Upon Immature Castrate Rats. Proc. Soc. Exptl. Biol. Med. 30: 1415 - 1417.

Müller , E.E., Arimura, A., Saito, T. and Schally, A.V. 1967. Growth Hormone - Releasing Activity in Plasma of Normal and Hypophysectomized Rats. Endocrinology 80 : 77 - 81.

Müller , E.E., and Pecile, A. 1966. Influence of Exogenous GH on Endogenous Growth Hormone Release. Proc Soc. Exp. Biol. Med. 122 : 1289 - 1291.

- Miiller, E.E., Sawano, S., Arimura, A., and Schally, A.V. 1967. Mechanism of Action of Growth Hormone in Altering Its Own Secretion Rate:Comparison With the Action of Dexamethasone. Acta Endocrinol. (Kbh) 56 : 499 - 509.
- Motta, M., Fraschini, F., and Martini, L. 1969. Short Feedback Mechanisms in the Control of Anterior Pituitary Function. In Frontier in Neuroendocrinology (Ganong, W.F., and Martini, L., eds.), pp. 211 - 241. Oxford University Press, New York;London.
- Nallar, R., and Mc Cann, S.M. 1965. Luteinizing Hormone - Releasing Activity in Plasma of Hypophysectomized Rats. Endocrinology 76 : 272 - 275.
- Nelson, W.O., and Merckel, C.E. 1938. Maintenance of Spermatogenesis in Hypophysectomized Mice with Androgenic Substances. Froc. Soc. Exptl. Biol. Med. 38:737 - 740.
- Ojeda, S.R., and Ramirez, V.D. 1969. Automatic Control of LH and FSH Secretion by Short Feedback Circuits in Immature Rats. Endocrinology 84 : 786 - 797.
- Ojeda, S.R., and Ramirez, V.D. 1970. Failure of Estrogen to Block Compensatory Ovarian Hypertrophy in Prepubral Rats Bearing Medial Basal Hypothalamic FSH Implants. Endocrinology 86 : 50 - 56.

Ojeda, S.R., and Ramirez, V.D. 1972. Different Pituitary - Gonadal Response to Hemicastration in Female and in Male Rats Bearing Intrahypothalamic FSH Implants.
Neuroendocrinology 10 : 161 - 174.

Pincus, G. 1940. Superovulation in Rabbits. Anat. Rec. 77 : 1 - 8.

Popa, G.T., and Fielding, U. 1930^a. The Vascular Link Between the Pituitary and the Hypothalamus. Lancet II, 238 - 240.

Popa, G.T., and Fielding, U. 1930^b. A Portal Circulation From the Pituitary to the Hypothalamic Region. J. Anat. (London) 65 : 88 - 91.

Roth, J., Glick, S.M., Yalow, R.S. and Berson, S.A. 1963. Hypoglycemia : a Potent Stimulus to Secretion of Growth Hormone. Science 140 : 987 - 988.

Rothchild, I. 1962. Relation of Central Nervous System, Pituitary Gonadotrophin and Ovarian Hormone Secretion. Fertil. Steril. 13 : 246 - 258.

Sawyer, C.H., and Kawakami, M. 1959. Characteristic of Behavioral and Electroencephalographic After Reaction to Copulation and Vaginal Stimulation in the Female Rabbit. Endocrinology 65 : 622 - 630.

Schally, A.V. 1970. Hypothalamic Regulation of FSH and LH Secretion. Research in Reproduction. 2(4) : 2-3.

Schally, A.V., and Kastin, A.J. 1970. In : M.H. Briggs (Ed), Advances in Steroid Biochemistry, Vol. II; p. 41. Therapy, of Sex Steroids, Hypothalamic LH-Releasing Hormone, and FSH-Releasing Hormone in the Regulation of Gonadotropin Secretion From the Anterior Pituitary Gland.

Smelser, G.K. 1944. Differential Concentration of Hormones in the Central and Peripheral Zones of the Bovine Anterior Pituitary Gland. Endocrinology 34 : 39 - 43.

Smith, P.E. 1944. Maintenance and Restoration of Spermatogenesis in Hypophysectomized Rhesus Monkeys by Androgen Administration. Yale J. Biol. Med. 17:281-7.

Taleisnik, S., and Mc Cann, S.M. 1961. Effects of Hypothalamic Lesions on the Secretion and Storage of Hypophysial Luteinization Hormone. Endocrinology 68 : 263 - 272.

Torok, B. 1964. Structure of the Vascular Connections of the Hypothalamo - hypophysial Region. Acta. Anat. 59 : 84 - 89.

- Voogt, J.L., Clemens, J.A., Negro - Vilar, A., Welsch, C. and Meites, J. 1971. Pituitary GH and Hypothalamic GH-RF After Median Eminence Implantation of Ovine or Human GH. Endocrinology 88 : 1363 - 1367.
- Walker, D.G., Asling, C.W., Simpson, M.E., Li, C.H. and Evans, H.M. 1952. Structural Alterations in Rats Hypophysectomized at Six Days of Age and Their Correction with Growth Hormone. Anat. Rec. 114:19-36.
- Wells, L.J. 1942. The Response of the Testis to Androgens Following Hypophysectomy. Anat. Record 82:565 - 585.
- Wislochi, G.B., and King, L.S. 1936. The Permeability of the Hypophysis and Hypothalamus to Vital Dyes with a Study of the Hypophyseal Vascular Supply. An. J. Anat. 58 : 421 - 72.
- Zarrow, M.X., and Gallo, R.V. 1966. FSH - Induced Ovulation in the Immature Rat. Endocrinology 79:445 - 477.
- พัชี สาชากร, 2516. ประสิทธิผลเปรียบเทียบของฮอร์โมนเมลาโคนิน, เซโรโทนิน และเนื้อเยื่อของท่อนไฟเบอร์ลิง ที่ถูกดูดนำออก โดยวิธีไลอฟิลเซชัน ที่มีก่อหน้าที่การทำงานของท่อนไฟสมองส่วนหนา และรังไข่ในหญ้าขาวคัวเมีย ที่โถเต็มที่แล้ว วิทยานิพนธ์ปริญญามหาวิทยาลัย จุฬาลงกรณ์มหาวิทยาลัย.

ประวัติการศึกษา

นางสาว อุมา ช่างหวาย ส้าเร็จการศึกษาวิทยาศาสตรบัณฑิต (เกียรตินิยม
อันดับสอง) สาขาวิชาชีววิทยา คณะวิทยาศาสตร์ จุฬาลงกรณ์มหาวิทยาลัย เมื่อปีการ
ศึกษา 2512 ขณะศึกษาปริญญาบัณฑิต ได้รับทุนการศึกษาของโครงการพัฒนาหัวใจวิทยาลัย
ระหว่างปีการศึกษา 2515 - 2516 จนสำเร็จปริญญาวิทยาศาสตรบัณฑิต ในปีการศึกษา
2516 ปัจจุบันรับราชการในตำแหน่งอาจารย์โท คณะวิทยาศาสตร์และอักษรศาสตร์ มหา-
วิทยาลัยขอนแก่น.