

References

REFERENCES

- 1- Albert, A. (1961): The mammalian testis. In "sex and Internal secretion".
(Young, W.C., ed), Vol., pp. 305 - 366.
The William & Wilkins Company. Baltimore.
- 2- Berndtson, W.E. ; and Desjardins, C. (1974):
Circulating LH and FSH levels and testicular
function in hamsters during light deprivation
and subsequent photoperiodic stimulation.
Endocrinology. 95: 195 - 204.
- 3- Brusa, A. and Testa, F. (1953): Int. Z. Vitaminforsch.
25, 55 - 62.
Cited from "Vitamins and Hormones Advances in
Research and Applications Vol. XII (1954).
Academic press, Philadelphia, New York". pp. 69 - 95.
- 4- Bullough, W.S. (1972): The control of epidermal thickness.
Br. J. Derm. 87: 187 - 199.
- 5- Capel, I.D.; Dorrell, H.M.; and Smallwood, A.E. (1983):
The influence of cold-restraint stress on some
components of the antioxidant defence system in
the tissues of rats of various ages.
J. Toxicol. Environ. Health, 11: 425 - 436.
- 6- Charlton, H.M.; Grocock, C.A.; and Ostberg, A. (1976):
The effects of pinealectomy and superior cervical
ganglionectomy on the testis of the vole.
J. Reprod. Fertil. 48: 377 - 379.

- 14- Clermont, Y. and Bustos-Obergon, E. (1968): Re-examination of spermatogonial renewal in the rat by means of seminiferous tubules mounted "in toto".
Am. J. Anat. 122, 237 - 247.
- 15- Clermont, Y. and Hermo, L. (1975): Spermatogonial stem cells in the albino rat.
Am. J. Anat. 142, 159.
- 16- Clermont, Y. and Leblond, C.P. (1953): Renewal of spermatogonia in the rat.
Am. J. Anat. 93: 475 - 502.
- 17- Clermont, Y. and Leblond, C.P. (1955): Spermiogenesis of man, monkey, ram and other mammals as shown by the "periodic acid-schiff" technique.
Am. J. Anat. 96: 229 - 253.
- 18- Clermont, Y. and Leblond, C.P. (1959): Differentiation and renewal of spermatogonia in the monkey Macacus rhesus.
Am. J. Anat. 104: 237 - 272.
- 19- Clermont, Y. and Perey, B. (1957): Quantitative study of the cell population of the seminiferous tubules in immature rates.
Am. J. Anod. 100: 241 - 268.
- 20- Cohen, I.E. (1980): Effect of heat and cold stressors on skin thickness and wound outline retention 24 h after excision.
Acta. Anat. 107: 336 - 338.

- 21- Collazo, J.A., and Rodriguez, J.S. (1933a). *Klin wochschr.* 12, 1732-1734.
Cited from "Vitames and Hormones, Advanes in Research and Applications Vol. XII. (1954). Acadimic press, phladelphia, New York". pp. 69-95.
- 22- Collazo, J.A., and Rodriguez, J.S. (1933b). *Klin. Wochschr.* 12, 1768-1771.
Cited from "Vitamens and Hormones, Advances in Research and Applications Vol. XII. (1954). Acadimic press, phladelphia, New York". pp. 69-95.
- 23- Collins, P.M., and Lacy, D. (1969): Studies on the structure and function of the mammalian testis. II. cytological and histochemical observations on the testis of the rat after a single exposure to heat applied for different lengths of time. *Proc. Roy. Soc., B.* 172 : 17.
- 24- Cornil, L., Chevallier, A., and Paillas, J.E. (1939a) *Ann. anat path. et anat. normale mé-chir.* 16, 74-83.
Cited from "Vitamens and Hormones, Advanes in Research and Applications. Vol XII. (1954). Acadimic press, phladelphia, New York". pp. 69-95.
- 25- Cornil, L., Chevallier, A., Paillas, J.E., and Chouquet, T. (1939b). *Ann. anat. path. et anat. normal méd-chir.* 16, 83-86.
Cited from "Vitamens and Hormones. Advanesin Research and Application. Vol. XII (1954). Acadimic Press, phladelphia, New York". pp. 96-95.

- 26- Courot, M., Goffaux, M. and Ortavant, R. (1968):
Analysis of seasonal variations in the Fertility
of cattle in the frech.
Jara. Ann. Biol. Anim. Biochim. Biophy.; 8,
2091216.
- 27- Courot, M.; Hochereau, M.T. and Ortavant, R. (1970):
Spermatogenesis. Jn: The testis, edited by A.D.
Johnson,
W.R. Gomes, and N.L. Van Demark. New York:
Academic, Vol. 1.
- 28- Davis, I.R. and Firlit, C.F. (1966): The germinal
epithelium of cryptorchid testes experimentally
induced in prepubertal and adult rats.
Fertility and Sterility. 17: 187.
- 29- Domagk, G., and Dobeneck, P.V. (1933): Virchow's Arch.
Path. Anat. Physiol. 290, 385-395.
Cited from "Vitamins and Hormones, Advances in
Research and Applications. Vol. XII (1954).
Academic press, Philadelphia New York. pp. 69-95.
- 30- Drigalski, W. Von, and Laubmann, W. 1933. Klin.
Wochschr. 12, 1171 - 1174. Cited from "Vitamins
and Hormones, Advances in Research and Applications.
Vol. XII. (1954).
Academic press, Philadelphia. New York. pp. 69-95.
- 31- Drury, R.A.B. (1980)
Carleton's Histological techniques 5th ed.
Oxford University Press.

- 32- Elliott, J. (1976): Circadian rhythms and photoperiodic time measurement in mammals.
Fed. Proc. , 35: 2339 - 2346.
- 33- El-Sherry, M.I.; El-Naggar, M.A.; and Nassar, S.M.
(1977): Evaluation of the spermatogenic cell cycle in summer sterility of buffaloes.
Assiut Vet. Med. J. 4 (7): 135 - 147.
- 34- El-Sherry, M.I.; El-Naggar, M.A. and Nassar, S.M. (1980):
Experimental study of summer stress in rabbits.
II. The quantitative and qualitative pathogenesis of the spermatogenic cell cycle in rabbit.
Assiut Vet. Med. J. 7 (13 & 14). : 17 - 32.
- 35- Fawcett, D.W., (1975): Ultrastructure and function of the Sertoli. In: Hamilton DW, Greep RO (eds)
^S
Handbook of physi. Male reproductive system.
Williams and Wilkins, Balt, pp. 21-55.
- 36- Gabe, M. (1976): Histological techniques.
Springer-verlage. New York Heidelberg Berlin Masson.
Paris New York. Barcelone Milan.
- 37- Goodman, L.S. and Gilman, A. (1980): Fat-Soluble Vitamins "Vitamin A".
The pharmacological Basis of Therapeutics.
Chapter 75, 6th ed. pp. 1570 - 1578.
- 38- Ham, A.W., and Cormack, D.H. (1979): Histology,
8th. ed. Philadelphia, J.B. Lippincott.

- 39- Hoffman, R.A., and Reiter, R.J. (1965): Pineal gland:
Influence on gonads of male hamsters.
Science. 148 - 1609.
- 40- Huskins, C. (1971a): Cell cycle properties of different-
iating spermatogonia in adult Sprague-Dawley rats.
Cell Tissue Kinet. 4, 139.
- 41- Huskins, C. (1971 b): The spermatogonial stem cell popul-
ation in adult rats. I. Their morphology. Prolifer-
ation and maturation.
Anat. Rec. 169 , 533.
- 42- Kerr, J.B., de Kretser, D.M. (1981): The cytology of
the human. In: Burger H., de Kretser DM (eds)
The testis.
Raven P. New York, pp. 141 - 169.
- 43- Kormano M., Harkonen, M. and Kontinen, E., (1964): Effect
of experimental cryptorchidism on the histochemically
demonstrable dehydrogenoses of the rat testis.
Endocrinol. 74 : 44.
- 44- Leblond, C.P. and Clermont, Y. (1952): Spermiogenesis
of rat, mouse, hamster and guinea-pig as revealed
by the "periodic acid-fuchsin sulfurous acid"
technique.
Am. J. Anat. 90: 167 - 215.
- 45- Leblond C.P. and Clermont, Y. (1952): Definition of the
stages of the cycle of the seminiferous epithelium
in the rat.
Ann. N. Y. Acad. Sci. 55 : 548 - 573.

- 46- Lewis, J.F., and Reti, L. (1935): Compt. rend. Soc. biol. 118, 577-580. Cited from "Vitamins and Hormones, Advances in Research and Applications. Vol XII. (1954). Academic press, Philadelphia, New York. pp. 69-95.
- 47- Logan, W.S. (1972): Vitamin A and Keratinization. Archs Derm., 105, 748 - 753.
- 48- Maddock, C.L., Cohen, J., and Wolbach, S.B. (1953): Arch. Pathol. 56, 333-340
Cited from "Vitamins and Hormones, Advances in Research and Applications. Vol. XII. (1954). Academic press, Philadelphia New York pp. 69 - 95.
- 49- Masin, F. (1950a): Acta Cient. Venezolana 1, 16-26.
Cited from "Vitamins and Hormones. Advances in Research and Applications. Vol. XII. (1954). Academic, Philadelphia, New York pp. 69-95.
- 50- Masin, F. (1950a): Acta Cient. Venezolana 1, 26 - 35.
Cited from "Vitamins and Hormones. Advances in Research and Applications. Vol. XII. (1954). Academic press, Philadelphia, New York, pp. 69-95.
- 51- Mead, J.F. (1976): Free radical mechanisms of Lipid damage and consequences for cellular membranes. In: Free radical in biology, Vol. 2, ed. W.A. Pryor, New York, Academic. pp. 51 - 68.

- 52- Moore, T., and Wange, Y.L. (1945): Hypervitaminosis
A. Biochem. J. 39 : 222.
- 53- Morsi, G.A.; Selim, A.A., and Hassa,ein, A-F. M.M.(1985):
The effect of acute cold on the testis of the
Albino rat.
Assiut Med. J. Vol. 9, No. 3. 494 - 516.
- 54- Moskalewski, S.; Thyberg, J.; and Friberg, U. (1980):
Cold and metabolic inhibitor effects on cytoplasmic
microtubules and the Golgi complex in cultured
rat epiphyseal chondrocytes.
Cell Tissue Res., 210 : 403 - 415.
- 55- McClung, J. (1950): Hand book of Microscopical
Technique (for worker in Animal and Plant tissues).
3rd. ed, Revised and Enlarged. New York.
Hafner publishing Co.
- 56- Nelson, W.O. (1931): Mammalian spermatogenesis:
Effect of experimental cryptorchidism in rat and
non descent of the testis in man.
Recent Progr. Hormone Res. 6: 29.
- 57- Niemi, M.; and Kormano, M. (1965): Response of the
cycle of the seinferous epithelium of the rat
testis to artificial cryptorchidism.
Fertility & Sterility. 16: 236.
- 58- Noetzel, H. (1939): Z. ges. exptl. Med. 105, 83-88.
Cited from "Vitamins and Hormones Advances in
Research and Applications Vol. XII. (1954).
Academic press, Philadelphia, New York, pp.69-95.

- 59- Oakberg, E.F. (1955a): Sensitivity and time of degeneration of spermatogenic cells irradiated in various stages of maturation in the mouse.
Radiat. Res. 2: 369 - 391.
- 60- Oakberg, E.F. (1955b): Degeneration of spermatogonia of the mouse following exposure to X-rays and stages in the mitotic cycle at which cell death appears.
J. Morph., 97: 39 - 54.
- 61- Oakberg, E.F. (1956): A description of spermiogenesis in the mouse and its use in analysis of the cycle of the seminiferous epithelium and germ cell renewal.
Am. J. Anat., 99: 391 - 413.
- 62- Oakberg, E.F. (1971): Spermatogonial stem-cell renewal in the mouse.
Anat. Rec., 169 : 515 - 532.
- 63- Oakberg, E.F. (1975): Effects of radiation on the testis. In : Handbook of physiology. Vol. 5. Section 7, The Male Reproductive system.
E.B. Astwood and R.O. Greep, eds. Am. Physiological society, pp. 233 - 243.
- 64- Ortavant, R. (1958): Lecycle spermatogénétique chez le bélier.
Testis, Paris, CNRSA: 3118 - 3990.

- 65- Ortavant, R. (1959): Spermatogenesis and morphology of the spermatozoon. In: Reproduction in domestic animals, edited by H.H. Cole and P.T. Cupps. New York: Academic, Vol. 2, Chapt. 1.
- 66- Ortavant, R.; Court, M. and Hochereau de Reviers, M.T. (1977): Spermatogenesis in domestic mammals. In: Reproduction in domestic animals, edited by H.H. cole and P.T. Cupps. Academic press, New York, San Francisco. London.
- 67- Panke, E.S.; Rollage, M.D.; and Reiter, R.J. (1979): Pineal melatonin concentrations in the syrian hamster. Endocrinology. 104 : 194 - 197.
- 68- Papke, W. 1937. Z. ges. exptl. Med. 101, 648-658. Cited from "Vitamins and Hormones, Advances in Research and Applications. Vol. XII. (1954). Academic press, Philadelphia, New York. pp. 69-95.
- 69- Patrick, T.E., Johnston, J.E., Kellgren, H.C., Frye, J. B. D Arenshourg, G.F. and Branton, C. (1954): effects of that weather and high Humidity on semen production fertility and physiological responses of Dairy Bulls. J. Anim. Sc. 13, 1028.
- 70- Payne, J.M. (1956): The degenerative change in the adult mouse testis returned to the abdominal cavity. J. Pathol. and Bacteriol. 71: 117.

- 71- Pearse, A.G.E. (1980): Histochemistry, Theoretical and Applied,
4th.ed. ; London, Churchill Livingstone, Vol.1.
- 72- Plea, G.L., and Witschi, H. (1976): Chemicals, drugs and Lipid peroxidation.
Annu. Rev. Pharmacol. 16: 125-141.
- 73- Ploen, L. (1973): A light microscope study of the immediate and delayed effects on rabbit spermatogenesis following experimental cryptorchidism for twenty four hours.
Virchows Arch. Abt. B. Zellpath. 14: 185-196.
- 74- Poumeau-Delille, G. (1934a): Compt. rend. Soc. Biol. 137, 373.
Cited from "Vitamins and Hormones Advances in Research and Applications. Vol. XII. (1954). Academic press, Philadelphia, New York. pp. 69-95.
- 75- Poumeau-Delille, G. (1934b): Compt. rend. Soc. Biol. 137, 604-605.
Cited from "Vitamins and Hormones Advances in Research and Applications. Vol. XII. (1954). Academic press, Philadelphia New York. pp. 69-95.
- 76- Purvis, K, Hansson, V. (1981): Hormonal regulation of spermatogenesis.
Int. J. Androl suppl. 3: 81-143.
- 77- Reiter, R.J. (1974): Circannual reproductive rhythms in mammals related to photoperiod and pineal function. A review: Chrona biologia.1: 365 - 395.

- 78- Reiter, R.J. (1980): The pineal and its hormones in the control of reproduction in mammals.
Endocr. Rev., 1: 109 - 131.
- 79- Reiter, R.J. (1983): The role of light and age in determining melatonin production in the pineal gland. From: The pineal gland and its endocrine role.
Edited by J. Axelrod, F. Fraschini and G.P. Velo
pp. 227 - 241
- 80- Reiter, R.J. (1983): Seasonal reproductive events related to the pineal gland. From: The pineal gland and its endocrine role.
Edited by J. Axelrod, F. Fraschini and G.P. Velo.
pp. 303 - 315.
- 81- Reiter, R.J. (1983): Melatonin as the hormone which mediates the effects of the pineal gland on neuroendocrinereproductive axis of the syrian hamster. From: The pineal gland and its endocrine role.
Edited by J. Axelrod, F. Fraschini and G.P. Velo.
pp. 317 - 329.
- 82- Reiter, R.J. (1983): Adaptations of the reproductive system of rodents to changing photoperiodic conditions. From plant, animal, and microbial adaptation to terrestrial environment.
Edited by N.S. Margaris, M. Arianoutsou-Faraggitaki, and R.J. Reiter, pp. 193 - 201.

- 83- Reiter, R.J.; and Hester, R.J. (1966): Interrelationships of the pineal gland, the superior cervical ganglia and the photoperiod in the regulation of the endocrine systems of hamsters.
Endocrinology. 79 : 1170.
- 84- Ritzen E.M, Hansson. V., French F S, (1981a): The Sertoli cell.
In: Burger H, Dekretser D M (eds) The testis, Raven Press, New York, pp. 171 - 194.
- 85- Rodahl, K. (1950a): The effect of polar bear liver, Skrifter Nr. 92, Norsk. Polarinstitutt and Ibid., Hypervitaminosis A, a study of the effect of excess of vitamin A experimental animals, Skrifter Nr. 95, Norsk Polarinstitutt.
- 86- Rodahl, K. (1950b): Hypervitaminosis A in the rat. J. Nutrition 41, 399 - 421.
- 87- Rodahl, K., and Moore, T. 1943 Biochem. J. 37, 166-168.
Cited from "Vitamins and Hormones Advances in Research and Applications. Vol. XII (1954). Academic press, Philadelphia, New York. pp. 69-95.
- 88- Roosen-Runge, E.C. (1952): Kinetics of spermatogenesis in mammals.
Ann. N.Y. Acad. Sci. 55: 574 - 587.
- 89- Roosen-Runge, E.C. (1955): Untersuchungen über die degeneration samenbildender zellen in der normalen spermatogenese der ratte. Z. Zellforsch. 41: 221 - 235.

- 97- Studer, A. (1950): The effects of large doses of vitamin A in animal experiments.
Schweiz. Zeitscher. Path. M.U. Bakt. 13 (6):
799 - 802.
- 98- Sulzberger, M.B. and Lazar. M.P. (1951): Hypervitaminosis A, Report of case in an adult.
J.A.M.A. 146: 788 - 793.
- 99- Swierstra, E.E. (1968): Cytology and duration of the cycle of the seminiferous epithelium of the boar: Duration of spermatozoon transit through the epididymis.
Anat. Record. 161 : 171 - 186.
- 100- Swierstra, E.E., and Foote, R.H. (1963): Cytology and Kinetics of spermatogenesis in the rabbit.
J. Reprod. Fertility 5 : 309 - 322.
- 101- Talkahashi, L., Nakamiya, Z., Kawkimi, K.; and Kitasato, T. (1925 b):
Sci. Papers. Inst. Phys. Chem. Research (Tokyo). 3, 81-148.
Cited from: "Vitamins and Hormones Advances in Research and Applications. Vol. XII. (1954).
Academic press, Philadelphia, New York. pp. 69-95.
- 102- Tamarkin, L.; Westron, W.K.; Hamill, A.I. ; and Goldman, B.D. (1976): Effect of melatonin on the reproductive systems of male and female Syrian hamsters: A diurnal rhythm in sensitivity to melatonin.
Endocrinology. 99: 1534 - 1541.

- 103- Uotila, U. and Simola, P.E. (1938): Virchow's Arch.
Pathol. Anat. U. Physiol. 301, 523-534.
Cited from "Vitamins and Hormones Advances in
Research Applications. Vol. XII. (1954).
Academic press, Philadelphia, New York. 69 - 95.
- 104- Weslaw, W.; Wronski, B.; Wroblewski, A.; and
Wroblewski, B. (1938a): Klin Wochschr. 17, 777-781.
Cited from "Vitamins and Hormones Advances in
Research and Applications Vol. XII. (1954).
Academic press, Philadelphia, New York pp. 69-95.
- 105- Withers, H.R., N. Hunter, H.T. Barkley and B.O. Reid
(1974): Radiation survival and regeneration
characteristics of spermatogenic stem cells
of mouse testis.
Rad. Res., 57: 88 - 103.
- 106- Wolbach, S.B.; and Maddock, C.L. 1951. Proc. Soc.
Exptl. Biol. Med. 77, 825-829.
Cited from "Vitamins and Hormones Advances in
Research and Applications Vol. XII. (1954).
Academic press, Philadelphia, New York. pp. 69-95.
- 107- Wolbach, S.B.; and Maddock, C.L. 1952, Arch. Pathol.
53, 273-278.
Cited from "Vitamins and Hormones Advances in
Research and Applications Vol. XII (1954).
Academic press, Philadelphia, New York. pp. 69-95.