

References

References

- Avakian, E.V. and Harvath, S.M. (1981):
Starvation suppresses sympathoadrenal medullary response
to cold exposure in rats.
Am. J. Physiol., 241:E316.
- Babior, B.M. (1978):
Oxygen microbicidal killing by phagocytes.
N. Engl. J. Med., 298:659.
- Bain, B.J. and England, J.M. (1975):
Normal haematological values: sex difference in
neutrophil count.
Br. Med. J., 877:306.
- Bain, B.J. and England, J.M. (1975):
Variations in leucocyte count during menstrual cycle.
Br. Med. J., 2:473.
- Bainton, D.F. (1972):
Differentiation of human neutrophilic granulocytes:
Normal and abnormal, Green, W. and Jamieson, G.A.
(eds.). New York, pp. 1-27.
- Bainton, D.F. (1981):
Selective abnormalities of azurophil and specific
granules of human neutrophilic leucocytes.
Fed. Proc., 40:1443.
- Bainton, D.F., Ulliyot, J.L. and Farquhar, M.R. (1981):
The development of neutrophilic polymorphonuclear
leucocytes in human bone marrow.
J. Exp. Med., 134:907.

Bainton, D.F., Yot, J.L. and Farguhar, M.G. (1971):

The development of neutrophilic polymorphonuclear leucocytes in human bone marrow: origin and contents of azurophil and specific granules.

J. Exp. Med., 134:908-34.

Bauer, J.D. (1980):

Leucocytic function tests. In: Gradwohl's Clinical Laboratory Methods and Diagnosis, edited by Sonnenwirth, A.C. and Janet, L., The C.V. Mosby Co., p.727.

Baum, D., Dillard, D.H. and Porte, D.H. (1968):

Inhibition of insulin release in infants undergoing deep hypothermic surgery.

N. Engl. J. Med., 279:1309.

Belding, M.E. and Klebanoff, J.R. (1970):

Peroxidase mediated viricidal systems.

Science, 167:195.

Berliner, S., Sclarousky, S., Lauie, G. et al. (1986):

The leukergy test in patients with ischemic heart disease.

Am. Heart J., 111:19-22.

Bertel, O., Buhler, F.R., Baitzsch, G. and Burkart, F. (1982):

Plasma adrenaline and noradrenaline in patients with acute myocardial infarction. Relationship to ventricular arrhythmias in varying severity.

Chest, 82:64.

Bondy, P.K. (1980):

The adrenal cortex. In: Metabolic Control and Disease, edited by Bondy, P.K. and Rosenberg, L.E., 8th edition, Philadelphia, London, Toronto, p. 1435.

Boyden, S. (1962):

The chemotactic effect of mixtures of antibody and antigen on polymorphonuclear leucocytes.
J. Exp. Med., 115:453.

Brennan, J.K., Lichtman, M.A., Dipersio, J.F. et al. (1980):

Chemical mediators of granulopoiesis: A review.
Exp. Hematol., 8:441.

Broxmeyer, H.E., Desousa, M., Smithyman, A. et al. (1980):

Specificity and modulation of the action of lactoferrin, a negative feedback regulator of myelopoiesis.
Blood, 55:324.

Caligaris, L. and Taleisnik, S. (1983):

Prolactin release induced by stress and the influence of oestrogen and progesterone treatments, sex and daily rhythm.
Acta Endocrinol., 102:505.

Cannon, W.B., McIver, M.A. and Bliss, S.W. (1982):

Studies on the conditions of activity in endocrine glands. XIII. A sympathetic and adrenal mechanism for mobilizing sugar in hypoglycemia.
Am. J. Physiol., 69:46.

Cardinali, D.P., Pisarev, M.A., Barontini, M. and Vacas, M.I. (1982):

Efferent neuroendocrine pathways of sympathetic superior cervical ganglia: early suppression of the pituitary thyroid axis after gangliectomy.
Neuroendocrinology, 35:248.

Cartwright, G.E., Athens, J.W. and Wintrobe, M.M. (1964):
The kinetics of granulopoiesis in normal man.
Blood, 24:780.

Ceremuzynski, L. (1981):

Hormonal and metabolic reactions evoked by acute myocardial infarction.
Circ. Res., 48:767.

Chopra, I.J., Solomon, D.H., Chopra, U.Wu., et al. (1978):
Pathways of metabolism of thyroid hormones.
Rec. Prog. Horm. Res., 34:521.

Clark, R.A., Einstein, A.B. and Klebanoff, S.J. (1975):
A peroxidase H_2O_2 halide system cytotoxic effect on mammalian tumour cells.
Blood, 45:161.

Cline, M.J. (1965):

Metabolism of circulating leucocytes.
Phys. Resp., 45:674.

Czeisler, C.A., Moore, M.C., Regestein, Q.R., Kisch, E.S. et al. (1976):

Episodic 14 hours cortisol secretory pattern in patients awaiting effective cardiac surgery.
J. Clin. Endocrinol. Metab., 42:273.

Datey, K.K. and Nanda, N.C. (1976):

Hyperglycaemia after acute myocardial infarction.
N. Engl. J. Med., 976:262.

Davidson, D.M. (1984):

Cardiovascular disease and occupation.
Cardiovasc. Rev. Rep., 5:503.

Davis, B.O., Holtz, N. and Davis, J.C. (1985):

Conceptual Human Physiology, Charles E. Merrill
Publishing Company, London, Part V, Chapter 18, pp. 366-
67.

Densen, P. and Mandell, G. (1979):

Granulocytes phagocytes. In: Principle and Practice of
Infectious Diseases. Mandell, Douglas and Bennett John
Wille, and Song, Inc.

Drutz, D.I. and Mills, I. (1983):

Immunity and infections. In: Basic and Clinical
Immunology, 4th edition, Lange Medical Publication, Los
Angeles, California.

Edwards, T. (1975):

The New Dictionary of Thoughts: "A Cyclopedia of
Quotations", revised and enlarged by C.N. Catrevas, J.E.
and Browns, R.E., Standard Book Company, p. 181.

El-Serafi, T.I., hassan, F.M., Rawady, H.M., et al. (1988):

Insulin and thyroid hormone levels in acute myocardial
infarction.
N. Egypt. J. Med., 2(1):123-127.

England, J.M. and Bain, B.J. (1976):

Total and differential leucocyte count.

Br. J. Haematol., 33:1.

Ericson, L.E., Melander, A., Owman, C.H. and Sundler, F.
(1978):

Endocytosis of thyroglobulin and release of thyroid hormones in mice by catecholamines and 5-hydroxytryptamine.

Endocrinology, 87:915.

Ernst, E., Hammerschmidt, D.E., Dagge, U., et al. (1987):

Leucocytes and the risk of ischemic disease.

JAMA, 257:2318-24.

Farris, E.J. (1943):

The blood picture of athletes as affected by intercollegiate sports.

Am. J. Anat., 72:223.

Fink, M.E. and Finch, S.C. (1968):

Serum muramidase and granulocyte turnover.

Proc. Soc. Exp. Biol. Med., 127:365.

Quoted after Wintrobe et al. (1981).

Francis, G.E., Rhodes, E.G., Berney, J.J., et al. (1981):

Bone marrow endogenous colony stimulating factor(s):

Relation to granulopoiesis in vivo.

Exp. Hematol., 9:332.

Frohlich, E.D. (1981):

Rypins' Medical Licensure Examinations, Topical Summaries and Questions, 13th edition, J.B. Lippincott Company, Philadelphia, Toronto, Part 1, Chapter Pathology, pp. 477-78.

Gabig, T.G. (1980):

Leucocyte abnormalities symposium on haematological disorders.

Med. Clin. N. Amer., 65(4):647.

Gallin, J.I., Wright, D.G., Malech, H.L., et al. (1980):

Disorders of phagocytic chemotaxis.

Ann. Intern. Med., 92:520.

Ganong, W.F. (1987):

Review of Medical Physiology, 13th edition, Appleton and Lange, Chapter 20, p. 310.

Garcia, M.I., McNamara, P.M. and Gordon, T. (1976):

Morbidity and mortality in diabetics in the Framingham population.

Diabetes, 23:105.

Garry, W.E. and Bryan, W.R. (1935):

Variations in white blood cell counts.

Physiol. Rev., 15:597.

Gress, C.H. (1943):

The effect of anoxic and anemic anoxia on the leukocyte count.

Am. J. Physiol., 140:299.

Golde, M. and Cline, J. (1974):

Regulation of granulopoiesis.

N. Eng. Med. J., 291:1388.

Gotto, A.M., Phil, D. and Farmer, J.A. (1988):

Risk factors for coronary artery disease. In: Heart Disease, Braunwald Textbook of Cardiovascular System,

Vol. 2, W.B. Saunders Company, Philadelphia, London,
Chapter 36, p. 1153.

Harrison, T.S., Silver, D.M. and Zuidma, G.D. (1968):
Thyroid and adrenal medullary function in chronic
executive monkeys.
Endocrinology, 104:443.

Hayness, S.A., Feinleib, M. and Kannel, W. (1980):
The relationship of psychosocial factors to coronary
heart disease in the Framingham study.
Am. J. Publ. Health, 3:37.

Hunter, D. (1959):
Diseases of the cardiovascular system. In: Price's
Textbook of the Practice of Medicine, 9th edition,
Section 12, Oxford University Press, London, Morrison
and Gibb Limited, London, Edinburgh, pp. 836-37.

Ivan, R.M., Jonathan, B. and David, M.K. (1985):
Immunology, Chapter 1. Gower Medical Publishing, London,
pp. 104, 106.

Jefferson, L.S., Rannels, D.E., Munger, B.L. and Morgan,
H.E. (1974):
Insulin in the regulation of protein turnover in heart
and skeletal muscle.
Fed. Proc., 33:1098.

Jenkins, C.D. (1983):
Psychosocial and behavioral factors. In: Kaplan, N.M.
and Stamler, J. (eds.): Prevention of Coronary Heart
Disease. Philadelphia, W.B. Saunders Company, p. 99.

Julian, D.G. (1983):

Cardiology, 4th edition, Bailliere Tindall. London,
Chapter 8, p. 142.

Karnovsky, M.L. (1962):

Metabolic basis of phagocytosis.
Phys. Rev., 42:143.

Klebanoff, S.J. (1968):

Myeloperoxidase-hyaline hydrogen peroxidase
antimicrobial system.
J. Bacteriol., 6:2131-2138.

Klebanoff, S.J. (1970):

Myeloperoxidase contribution to the microbicidal
activity of intact neutrophils.
Science, 169:1095.

Klebanoff, S.J. (1971):

Intraleucocytic microbial defect.
Ann. Rev. Med., 22:39.

Klebanoff, S.J. (1972):

Role of myeloperoxidase mediated antimicrobial systems
in intact neutrophils.
J. Reticuloendothel. Soc., 12:170.

Klebanoff, S.J. (1975):

Antimicrobial mechanisms in neutrophilic polymorpho-
nuclear leucocytes in the phagocytic cell in host
resistance, edited by Ellanti of D.H., Dayton, New York,
Raven Press, p. 45.

Klebanoff, S.J. (1980):

Oxygen metabolism and the toxic properties of phagocytes.

Ann. Int. Med., 93:480.

Kopin, I.J. and Paton, D. (1979):

Biochemical assessment of peripheral adrenergic activity. In: The Release of Catecholamines from Adrenergic Neurons. New York, Pergamon, P. 362.

Kumar, P.J., Clark, M.L. and Jackson, W.F. (1987):

Clinical Medicine, 1st edition, Bailliere Tindall, Chapter 11, p. 504.

Landsberg, L. (1977):

The sympathoadrenal system. In: The Year Book in Endocrinology. p. 291.

Le Blance, J. (1969):

Stress and interstress adaptation.

Fed. Proc., 28(3):

Lehrer, R.I. (1969):

Antifungal effects of peroxidase systems.

J. Bacteriol., 99:361.

Loewe, O.G., Murry, C.E., Richard, V.J., et al. (1988):

Myocardial neutrophil accumulation during reperfusion after reversible or irreversible ischemic injury.

Am. Phys. Soc., H 1188-1198.

Longer, P., Vigas, M., Kvetnansky, R. et al. (1983):

Immediate increase in thyroid hormone release during acute stress in rats.

Acta Endocrinol., 104:443.

Lucchesi, B.R. and Mullane, K.M. (1986):

Leucocytes and ischemic induced myocardial injury.
Ann. Rev. Pharmacol. Toxicol., 26:201-24.

Lucchesi, B.R. (1987):

Role of neutrophils in ischemic heart disease:
pathophysiologic role in myocardial ischemia and
coronary artery reperfusion, in Mehta, J.L. (ed.):
Thrombosis and Platelets in Myocardial Ischemia.
Philadelphia, F.A. Davis, pp. 35-48.

Mallory, G.K., White, P.D. and Salcedo-Salgar, J. (1989):

The speed of healing of myocardial infarction: a study
of the pathologic anatomy in 72 cases.
Am. Heart J., 18:647-671.

Mandell, G.L. and Hook, E.W. (1969):

Leucocyte bactericidal activity in chronic granulomatous
diseases: correaltion of bacteria hydrogen peroxide
production and susceptibility to intracellular killing.
J. Bacteriol., 100:531.

Mandell, G.L. (1974):

Bactericidal activity of aerobic and anaerobic
polymorphonuclear neutrophils.
J. Immunol., 9:337.

Matschinsky, F.M., Rujanavech, C., Pagliara, A.S. and
Norfleet, W.T. (1980):

Adaptation of $\alpha 2$ - and β cells of rat and mouse
pancreatic islets to starvation, to refeeding after
starvation and to obesity.
J. Clin. Invest., 65:207.

- Mehta, J., Dinerman, J., Mehta, P., et al. (1989):
Neutrophil function in ischaemic heart disease.
Circulation, 79(3):549-554.
- Milhorat, A.T. (1942):
Leucocytosis during various emotional states.
Arch. Neurol. Psychiat., 47:779.
- Mims, C.A. (1977):
The pathogenesis of infectious disease. ELBS and
Academic Press, London.
- Montgomery, R., Dryer, R.L., Conway, T.W. and Spector, A.A.
(1983):
Biochemistry. A Case Oriented Approach. The C.V. Mosby
Company, London, p. 671.
- Nakhooda, A.F., Sole, M.J. and Marliss, E.B. (1983):
Adrenergic regulation of glucagon and insulin secretion
during immobilization stress in normal and spontaneously
diabetic rats.
Am. J. Physiol., 240:E373.
- Nelson, D.S. (1963):
Parkers's Clinical Immunology, Vol. I, W.B. Saunders
Company, Philadelphia, London.
- Onto, N., Bedran de Castro, J., Khorrom, O. and McCann,
S.M. (1985):
Role of argenine vasopressin in control of ACTH and LH
release during stress.
Life Sci., 36:1779.

Opie, L.H. (1975):

Metabolism of free fatty acids, glucose, and catecholamines in acute myocardial infarction: Relation to myocardial ischemia and infarct size.

Am. J. Cardiol., 36:938.

Pasternak, P.C., Braunwald, E. and Sobel, B.E. (1988):

Acute myocardial infarction. In: Braunwald, E. (ed.): Heart Disease. Philadelphia, W.B. Saunders Co., pp. 1222-313.

Peacock, J.E. and Tomar, R.H. (1980):

Manual of Laboratory Immunology, Lea and Fabiger, Philadelphia.

Petrovic, V.M., Rajcic, D. and Hudnik, T. (1966):

Effect of cold exposure and ACTH on RNA, DNA and protein content in adrenal and liver of rats and ground squirrels.

J. Physiol., Paris, 58:590.

Porte, D. and Halter, J.B. (1981):

The endocrine pancreas and diabetes mellitus. In: Textbook of Endocrinology, edited by Williams, R.H., Philadelphia, London, Toronto, Tokyo, p. 774.

Porte, D. and Robertson, R.P. (1973):

Control of insulin secretion by catecholamines, stress and sympathetic nervous system.

Fed. Proc., 32:1792.

Ranjadayalan, K., Umachandran, V., Davies, S. et al.
(1991):

Thrombolytic treatment in acute myocardial infarction:
Neutrophil activation, peripheral leucocyte responses
and myocardial injury.

Br. Heart J., 66:10-14.

Roitt, I.M. (1988):

Essential Immunology, 6th edition, ELBS/Blackwell
Scientific Publications, Chapter 1, p. 5.

Rosenman, R.H., Brand, R.J., Jenkins, D. et al. (1975):

Coronary heart disease in the western collaborative
group study: final follow up experience of 8 1/2 years.

JAMA, 233:872.

Saldeen, T. and Wallin, R. (1987):

A specific radioimmunoassay for peptides derived from
leucocyte elastase degradation of human fibrin.

Circulation, 76(Suppl. IV):339.

Schalch, D.S. (1969):

The influence of physical stress and exercise on growth
hormone and insulin secretion in man.

J. Lab. Clin. Med., 69:256.

Selye, H. (1950):

The physiology and pathology of exposure to stress, a
treatise based on the concept of the general adaptation
syndrome and the disease of adaptation.

Montreal Acta. Inc.,

Shapiro, S., Weinblatt, E., Frank, C.W. and Sager, R.V. (1969):

Incidence of coronary heart disease in a population insured for medical care: Myocardial infarction, angina pectoris and possible myocardial infarction.

Am. J. Publ. Health, 59(Suppl.):1.

Shekelle, R.B., Gale, M. and Norusis, M. (1985):

Type A score (Jenkins activity survey) and risk of recurrent coronary heart disease in the aspirin-myocardial infarction study.

Am. J. Cardiol., 56:221.

Simpson, P.J., Mitsos, S.E., Ventura, A., et al. (1987):

Prostacyclin protects ischemic reperfused myocardium in the dog by inhibition of neutrophil activation.

Am. Heart J., 113:129-137.

Sjernholm, R.L. (1968):

The metabolism of human leucocytes.

Int. Soc. Haematol., XII.

Smith, S.W. and Gala, R.R. (1977):

Influence of restraint on plasma prolactin and corticosterone in female rats.

J. Endocrinol., 74:303.

Smolen, J.E. and Boxer, L.A. (1988):

Function of neutrophils. In: Haematology of William J.W. et al., McGraw-Hill Book Company, p. 780.

Smythe, G.A., Bradshaw, J.E. and Vining, R.F. (1983):

Control of stress induced adrenocorticotropin release in rats.

Endocrinology, 113:1062.

Sokolow, M. and McIlroy, M.B. (1986):

Clinical Cardiology, 4th edition, Lange Medical Publication, California, Chapter 8, pp. 163-165.

Sommers, H.M. and Jennings, R.B. (1964):

Experimental acute myocardial infarction. Histologic and histochemical studies of early myocardial infarcts induced by temporary or permanent occlusion of a coronary artery.

Lab. Invest., 13:1491-1503.

Southwick, F.S. and Stossel, T.P. (1986):

Phagocytosis. In: Rose, N.R., Freidman, H. and Fahey, J.L. (eds.): Manual of Clinical Laboratory Immunology, American Society of Microbiology, Washington, D.C., pp. 326-331.

Stamler, J., Stamler, R. and Liu, K.J. (1985):

High blood pressure. In: Connor, W.E. and Bristow, J.D (eds.): Coronary Heart Disease, Prevention, Complications and Treatment. Philadelphia, J.B. Lippincott.

Starling, E.A. (1918):

"The Linacre Lecture on the Law of the Heart". Longmans, Green and Company Ltd, London.

Stossel, T.P. (1974):

Phagocytosis.

N. Engl. Med. J., 14:774.

Taylor, S.H., Saxton, C., Majid, P.A. et al. (1969):

Insulin secretion following myocardial infarction with particular respect to pathogenesis of cardiogenic shock. Lancet, 2:1373.

- Therminarias, M.F., Luca, S. and Tanche, M. (1979):
Catecholamines in dogs during cold adaptation.
J. Appl. Physiol. Resp., 205:1633.
- Tisselli, A., Bugiardini, G., Miniero, R. et al. (1979):
Variations in thyroid hormones in acute myocardial
infarctions. In: International Symposium on Free Thyroid
Hormones. Edited by Ekins, R., Faglia, G., Pennis, F.
and Pinchera, A. Excerpta Medica, Amsterdam, p. 263.
- Trotora, G.J. and Anagnostakos, N.P. (1984):
Principles of Anatomy and Physiology, 4th edition,
Harper and Row Publishers, New York, Chapter 20, p. 467.
- Turpen, C., Johnson, D.C. and Dunn, J.D. (1976):
Stress induced gonadotropin and prolactin secretory
patterns.
Neuroendocrinology, 20:339.
- Unger, R.H. and Orci, L. (1981):
Physiology and pathology of glucagon.
Physiol. Rev., 56:778.
- Vanhaelst, L., Dehaut, J.P., Godstein, J. and Bastenie,
P.A. (1976):
Pituitary-thyroid axis reactions after myocardial
infarction.
Horm. Metab. Res., 8:42.
- Vernikos-Danellis, J. (1975):
Increased rate of response of the pituitary adrenal
system in rats adapted to chronic stress.
Endocrinology, 97:597.

Vetter, N.J., Adams, W., Strange, R.C. and Oliver, M.F. (1974):

Initial metabolic and hormonal response to acute myocardial infarction.

Lancet, 1:284.

Walter, J.B. and Israel, M.S. (1970):

General Pathology, 3rd edition, Longman Group Ltd, Chapter 38, p. 795.

Weir, D.M. (1988):

The Complement System, 6th edition, Churchill Livingstone, Edinburgh.

Weisman, G. and Hirsh, R. (1975):

Isolation and properties of human leucocyte lysosomes in vitro.

Proc. Soc. Exp. Biol. Med., 119:39.

Weiss, S., Klein, R., Slivka, A. and Wei, M. (1982):

Chlorination of hypochlorous acid formation.

J. Clin. Invest., 70:598.

Weitzel, B.K. (1970):

The fine structure and cytochemistry of developing granulocytes with special reference to the rabbit in regulation of haematopoiesis. Vol. 11, White cell and platelet production. Quoted after Wintrobe et al. (1981).

Wiersina, W.M., Lie, K.I. and Tauber, J.L. (1981):

Thyroid hormones in acute myocardial infarction.

Clin. Endocrinol., 14:367.

Wilkinson, P.C. (1981):

Neutrophil leucocyte function tests. In: Thompson, R.A. (ed.): Techniques in Clinical Immunology. Blackwell Scientific Publications, London, pp. 273-293.

Wintrobe, M.M., Lee, G.R. and Boggs, D.R., et al. (1981):
Clinical Hematology, 8th edition, Lea and Febiger, Philadelphia, Section 3, p. 189.

Wintrobe, M.M., Lee, G.R., Boggs, D.R. et al. (1981):
Phagocytes and immunological system. In: Clinical Haematology, 8th edition, p. 247.

Winkelstein, J.A. (1973):

Opsonins, their functions, identity and clinical significance.

J. Ped., 82:747.

Wood, P. (1961):

Ischemic heart disease. In: Diseases of the Heart and Circulation, Eyre and Spottiswoode (Review Publications), London, 2nd revised and enlarged edition, pp. 702-703.

Wood, W.B., Smith, M.R. and Watson, B. (1958):

Studies on the mechanisms of recovery in pneumococcal pneumonia. The mechanism of phagocytosis in the absence of antibody.

J. Exp. Med., 84:387.

Zgliczynski, J.M., Selvari, R.J., Poskitt, P.K. and Sbarrabas, S. (1977):

Chlorination by the myeloperoxidase H_2O_2 -Cl antimicrobial system at acid and neutral pH.

Proc. Soc. Exp. Biol. Med., 154:418.

Zucker, F. and Hush, C.I. (1964):

Studies on the degranulation of the rabbit peritoneal
leucocytes during phagocytosis.

J. Exp. Med., 120:569-575.