



BIBLIOGRAPHY

Abderhalden, E. and Moller, P.Z.(1928).

Physiol. chem., 174, 194

Aleshina, V.D. and Gr-in, N.V. (1986).

Gig. Sanit., 6, 63-5

Amenta, J.S. and Johnston, E.H. (1963).

Lab. Invest., 12, 921

Andrlikova, J. and Wagner, V. (1969).

Czech. Congr. Occup. Med., June.

Aoki, K. and Foster, J.F. (1957).

J. Am. chem. Soc., 79, 3385-3393

Arifov, U.A. and Berent, N.E. (1971).

Neitron-Aktiv, Anal. (Lobanor, E.M.ed)

Fun. Tashkent. USSR., 159,63.

Ballou, J.S.; Gies, R.A.; Case, A.C.; Haggard, D.L.; Buschbon,

R.L. and Ryan, J.L. (1986).

Health Phys., 51, 755-71

Banks, W.L. and Stein, E.R. (1965).

Proc. Soc. Exp. Biol. Med., 120, 1

Barber, R.S.; Braude, R. and Mitchell, K.G. (1955).

Chem. and Ind., p. 601

Barber, R.S.; Braude, R.; Mitchell, K.G. and Rook,
J.A.F. (1956).

Proc. Nutr. Soc., 15, 9-10.

Barnicot, N.A. (1961).

In "Genetical Variation in Human Population"
(G.A.Harrison ed.), p.41. Oxford Univ. Press
(Pergamon), London and New York.

Bassi, M. (1960).

Exp. Cell Res., 20, 313.

Bennhold, H. (1962).

In "Protides of the Biological Fluids" 9th Coll.,
Bruges, 1961. (H. Peeters, ed.), p.58. Elsevier,
Amsterdam.

Bjorling, H. (1958).

Personal Communication.

Blantz, R.C.; Pelayo, J.C.; Gushwa, L.C.; Myers, R.R. and
Evan, A.P. (1985).

J. Clin. Invest., 55, 621 - 35.

Block, R.J. (1961).

Ann. N. Y. Acad. Sci., 94, 31.

Boethcher, E.W.; Kistler, P. and Nitschmann, H. (1958).

Nature., 18, 490.

Bowman, F.J. and Foulkes, E.C. (1970).

Toxicol. Appl. Pharmacol., 16, 391-9.

BRAKKE M.K. (1953).

Arch. Biochem. Biophys., 45, 275.

Brodie, B.B.; Gillette, J.R. and LaDu, B.N. (1958).

Ann. Rev. Biochem. 27, 427.

Brouwers, J.A.J. and Emmelot, P. (1960).

Exp. Cell Res. 19, 467.

Burtin, P.; Hartmann, L.; Heremans, J.; Scheidegger,

J.J.; Westendorp - Boerma, F.; Wieme, R.; Wunderly,

C; Fauvert, R. and Garbar, P.C. (1957).

Rev. Franc. etude. Clin. et biol. 2, 161.

Butler, T.C. (1961).

J. Pharmacol. Exp. Ther., 137, 311.

Cann, J.R. (1960).

J. Biol. Chem., 235, 2810.

Charlwood, P.A. (1961).

Biochem. J., 78, 163

Charlwood, P.A. (1963).

Biochem. J., 88, 394.

Clarkson, T.W. and Kench, J.E. (1956).

Biochem. J., 62, 361.

Cooper, J.R.; Stradting, G.N.; Smith, H.H. and Sandra E.(1982).

Int. J. Radiat. Biol. Relat. Study Phys. Chem. Med.
41, 421 - 33.

Corofoli, E.; Tiozzo, R.; Pasquali - Ronchetti, I. and Laschi,
R. (1971).

Lab. Invest. 25, 516-27.

Dakashinamurti, K. and Livak, S. (1970).

J. Biol. Chem., 245, 5600-5605.

Das, K.C.; Honifa, A. and Goswami, T.D. (1986).

Nucl. Tracks. Radiat. Meas., 12, 789-92

David, M.N. Jr. (1971).

J. Biol. Chem., 246, 6328.

Desai, D.B. and Sawant, V.A. (1988).

Indian J. Com. Anim. Physiol., 6, 144-149.

Domingo, J.L.; Llobet, J.M.; Thomas, J.M. and Corbella, J.
(1987).

Bull. En-viron. Contam. Toxicol., 39, 168-74.

Ehrenberg, A. and Laurell, C.B. (1955).

Acta Chem. Scand., 9, 68.

Engle, R.L. Jr. and Woods, K.R. (1960).

In "The Plasma Proteins" (F.W.Putnam, ed.)

Vol.2, p. 184. Academic Press, New York.

Farber, E. and Corban, M.S. (1958).

J. Biol. Chem., 233, 625.

Farber, E.; Shull K.H.; Villa - Treveno, S.; Lombardi, B. and
Thomas M. (1964).

Nature (London), 203, 34.

Farwell, D.C. and Dion, A.S. (1979).

Anal. Biochem., 95, 533.

Fiala, S. (1949).

Czechoslov. Chem. Com. trav. Chim. Tchechoslovaquie,
14, 287.

Fillipp^o_{va}, J.S.; Nifatov, A.P. and Lyubchanskii, E.R. (1978).

Radiobiologia, 18, 400-5.

Fish, W.W.; Reynolds, J.A. and Tanford, C. (1970).

J. Biol. Chem., 245, 5166.

Flamenbaum, W.; Hamberger, R. and Kaufman, J. (1976).

P. Fluegers. Arch., 364, 209-15.

Flamenbaum, W.; Hamberger, R.J.; Huddleston, M.L.;

Kaufman, J.; McNeil, J.S.; Schwartz, J. and Nagle, R.
(1977).

Kidney Inst. Supp., 6, 5-115, 122.

Foster, J.F. (1960).

In "The Plasma Proteins" (F.W. Putnam, ed.) Vol.1,
p.179, Academic Press, New York.

Foster, J.F. and Aoki, K. (1958).

J. Am. Chem. Soc., 86, 1117.

Franklin, E.C. and Kunkel, H.G. (1957).

J. Immunol., 78, 11.

Garware, P.L.; Gojer, M.E. and Sawant, V.A. (1990).

Paper presented in IXth National conference of Society
of Toxicology held in Ahmedabad.

Gawlik, Z.; Molak-Olezakowa, H.; Waslutynski, A. and Krus,
S. (1976).

Pol. Med. Sci. Hist. Bull., 19, 19-31.

Giblett, E.R. (1962).

Prog. Med. Genet. 2, 34.

Goel, K.A.; Garg, V.K. & Garg, V. (1980).

Bull. Environ. Contam. Toxicol., 24, 9-12.

Gorden, A.H. and Louis, L.N. (1963).

Biochem. J. 88, 409-414.

Gojer, M.E. and Sawant, V.A. (1985a).

J. Physiol. and Pharmacol., 27, 96-102.

Gojer, M.E. and Sawant, V.A. (1985b).

Comp. Physiol. Ecol., 10, 93-97.

Gojer, M.E. and Sawant, V.A. (1988).

J. Environ. Biol., 10, 35-45.

Gojer, M.E. and Sawant, V.A. (1990).

Paper presented at International Congress on Ultra
low doses' Bordeaux, France.

Graber, P. (1963).

Nature, 197, 692.

Gravelin, C.; Bastide, J. and Bastide, P. (1972).

C. R. Soc. Biol. 166, 1307-9.

Haley, D.P. (1982).

Lab. Invest., 46, 196-208.

Heath, D.F. (1962).

Biochem. J., 85, 72.

Heath, D.F. and Dutton, A. (1958).

Biochem. J., 70, 619.

Heilmeyer, L.; Keiderling, W. and Stuwe, G. (1941).

In 'Kupfer und Eisen als Korpereign Wirkstoff und ihre.
Bedeutung beim Krankheitsgeschehen'.

Fischer, Jena.

Holmberg, C.G. and Laurell, C.B. (1945).

Acta Physiol. Scand., 10, 307.

Holmberg, C.G. and Laurell, C.B. (1947).

Acta Chem.Scand, 1, 944.

Holmberg, C.G. and Laurell, C.B. (1948).

Acta Chem. Scand, 2, 550.

Hornykiewicz, O. and Niebauer, G. (1953).

Arch. exptl. Pathol. Pharmacol. Naunyn

Schmiedeberg's, 218, 448.

Hughes, W.L. Jr. (1954).

In 'The Proteins' (Neurath and K. Bailey, ed.) Vol.2,
part B, p. 663. Academic Press, New York.

Hultin, T.; Arrhenius, E.; Low, H. and Magee, P.N. (1960).

Biochem. J., 76, 109.

Hurst, R.; Schatz, J.R. and Malts, R.L. (1987).

J. Biol. Chem. 262, 15939-45.

Iwata, H.; Kamato, H.O. and Otiswa, Y. (1973).

Res. Commun. Chem. Pathol. Pharmacol, 53, 673-680.

Jamieson, G.A. (1963).

Federation Proc. 22, 538.

Jeejeebhoy, K.N.; Bruce-Robertson, A.; Sodtke, U. and Foley, M.
(1970).

Biochem. J., 119. 243.

Jeejeebhoy K.N.; Bruce-Robertson, A.; HO, J. and Sodtke, U. (1972).

Biochem. J. 130, 333-338.

John, D.W. and Miller, L.L. (1969).

J. Biol. Chem., 244, 6134-6142.

Kadam, A.; Gojer, M.E. and Sawant, V.A. (1990).

Paper presented in IXth national congress of Society of
Toxicology held in Ahmedabad.

Karush, F. (1950).

J. Am. Chem. Soc. 72, 2705.

Kanwar, K.C. and Sharma, S. (1986).

Res. Bull. Punjab Univ. Sci., 37, 99-103.

Kazantzis, S.G. (1966).

Ann. Occup. Hyg. (London), 8, 65-72.

..120..

Kim, H.J.; Hiroi, Y. and Natori, Y. (1976).

J. Biochem, 79, 803-808.

Kleinman, J.G.; McNeil, J.S. and Flamenbaum, W.(1955)

Clin. Sci. Mol. Med., 48, 9-16.

Klotz, I.M. (1952).

In 'The Proteins' (H.Neurath. and K-Bailey, eds.).

Ist ed., Vol.1, Part B p.727. Academic Press, New York.

Koechlin, B. (1952).

J. Am. Chem. Soc., 74, 2649.

Koj, T.S. and McFarlane, A.S. (1968).

Biochem J. 108, 137.

Kucharr, E.J. and Stawiarska, P.B. (1986).

Arch. Hi-g. Roda. Toksikol, 37, 225-9.

Kulkarni, U.; Gojer, M.E. and Sawant, V.A. (1990).

Paper presented in IXth National conference of Society of Toxicology held in Ahmedabad.

Laemmli, U.K. (1970).

Nature, 227, 680.

Laurell C.B. (1952).

Pharmacol. Revs., 4, 371.

Laurell C.B. (1953).

Acta. Chem. Scand., 7, 1407.

Laurell, C.B. (1960).

In 'The Plasma Proteins' (F.W. Putnam, ed.) Vol.1,
p.349, Academic press, New York.

Laurell, C.B. and Ingelman B. (1947).

Acta. Chem. Scand., 1, 770.

Laurell, C.B. and Nyman, M. (1957).

Blood, 12, 493.

Leconate, C. (1954).

Gaz. Med. de. Paris. 9, 488.

Lin-Ruey, H. and Lin-Shiau, S.Y. (1986).

Taiwan. I. Hsuch Hui. Tsa Chin., 84, 1009-16.

Lin-Shiau, S.Y. and Fu, W.M. (1986).

Neuropharmacology, 25, 95-101.

Livshits, O.D. (1987).

Gig. Sanit. 8, 72-3.

Lombardi, B. and Oler, A. (1967).

Lab. Invest., 17, 308.

Lopez-Mendoza and Villa-Trevino, S. (1971).

Lab. Invest., 25, 68.

Low, B.W. (1952)

J. Am. Chem. Soc. 74, 4830.

Lowry, O.H.; Rosebrough, N.J.; Farr, A.L. and Randall, R.J.

(1951).

J. Biol.Chem., 193, 265-275.

Luetscher, J. (1939).

J. Am. Chem. Soc., 61, 2888.

Magee, P.N. (1956).

Biochem. J., 63, 676.

Magee, P.N. (1958).

Biochem. J. 70, 606.

Magee, P.N. (1966).

Lab. Invest., 15, 111-130.

Magee, P.N. and Vandekar, M. (1958).

Biochem. J., 70, 600.

..123..

Makaranda, K.; Fox, G.A.; Price, S.C. and Hinton R.H. (1987).
Hum. Toxicol., 6, 121-6.

Mann, T. and Keilin, D. (1938).
Proc. Roy. Soc. B126, 303.

McCollister, D.D. (1951).
J. Pharmacol. Exp. Ther., 102 112.

McNider, W.deB. (1917b).
J. Exp. Med., 26 19.

Mitane, Y.; Aoki, Y. and Suzuki, K.T. (1987).
Biochem. Pharmacol, 36, 2225-7.

Morgan, E.H. (1966).
Am. J. Physiol., 211, 1486-1494.

Morgan, E.H. and Peters, T.Jr. (1971).
J. Biol. Chem, 246, 3500.

Mueller, G.C. and Miller, J.A. (1948).
J. Biol. Chem. 176, 535.

Mueller, G.C. and Miller, J.A. (1953).
J. Biol. Chem., 202, 579.

Nakano, T. and Sapporo, (1959).

Med. J. 15, 71.

Nicaud, P.; Lafitte, A. and Gos, A. (1942).

Arch. Mol. Prof. Med. Tran. 4, 192-198.

Nippon, H. (1983).

Gokkai. Zosshi., 74, 155-71.

Nizet, A. (1982).

Pfluegers, Arch. 391, 296-300.

Nyman, M. (1959).

Scand. J. Clin. Lab. Invest., 11, Suppl.39.

Oberling, C. and Rouiller (1956).

Anu. Anal. Path., 1, 401.

O'Farrell, P.H. (1975).

J. Biol. Chem. 250, 4007.

Patil, N.R.; Gojer, M.E. and Sawant, V.A. (1986).

'All India Symp-osium on physiological basis of health.'

Madurai Kamraj University.

Paul, B.B. and Rubinstein, D. (1963).

J. Pharmacol. Exp. Ther. 141, 141



..125..

Pawar, R.N.; Gojer, M.E. and Sawant, V.A. (1990).

'Paper presented in IXth National conference of Society
of Toxicology h-eld in Ahmedabad'.

Phelps, R.A. and Cann, J.R. (1956).

J. Am. Chem. Soc. 78, 3538.

Pitt-Rivers, R. and Impiombata, F.S.A. (1968).

Biochem. J., 109, 825.

Polonovski, M. and Jayle, M.F. (1939).

Bull. Soc.Chem. Biol., 29, 66.

Porter, C.C.; Titus, D.C.; Sanders, B.E. and Smith, E.V.C. (1957).

Science, 126, 1014.

Porter, K.R. and Bruni, C. (1959).

Cancer Res. 19, 997.

Putnam, F.W. and Neurath, H. (1944).

J. Am. Chem. Soc., 66, 692.

Rafay, J.; Parkanji, V.; Mocik, A.; Zeinik, J. and Sarvasova, E.

(1987).

Pol'nonospodarstvo, 33, 462-8.

Rey, B.M. (1983).

Report. IAEA. R. 2616 - F, 40 pp

Reynolds, E.S. (1963a).

Fed. Proc., 22, 370.

Reynolds, E.S. (1963b).

J. Cell Biol., 19, 139.

Ritchie, H.D.; Leucke, R.W.; Baltzer, B.V.; Miller, E.R.; Ullery, D.E.
and Hoefler, J.A. (1963).

J. Nutr. 79, 117-130.

Robinson, D.S. and Seakin, A. (1961).

Biochem. J., 82, 9p.

Rudnitskaya, E.J. and Mikhailo - Vich., S.M. (1971).

Otdalennye Poste dstviya Lucheuykh Parazhenini
(Edited by Moskalev, Ya. I.) Atomizdat Mosco USSR.
p. 207-12.

Ryan, R.; McNeil, J.S.; Flamenbaum, W. and Nagle, R. (1973).

Proc. Soc. Exp. Biol. Med., 143, 289-96.

Sagre, S.G. and Sawant, V.A. (1980).

Proc. Indian. Sci. Cong., 67, Calcutta.

Sagre, S.G. and Sawant, V.A. (1981).

Proc. Indian. Sci. Cong. 68, Varanashi.

Scatchard, G. and Pigliacampi, J. (1962).

J. Am. Chem. Soc. 84, 127.

Scatchard, G.; Batchelder, A. and Brown, A. (1944).

J. Clin. Invest. 23, 458.

Schade, A.L. and Caroline, L. (1946).

Science, 104, 340.

Schade A.L.; Reinhart, R.W. and Levy, H. (1949).

Arch. Biochem., 20, 170.

Schreiber, G.; Urban, J.; Zahringer, J.; Reutler, W. and
Frosch, U. (1971).

J. Biol. Chem. 246, 4531-4538.

Schultz, J.; Grannis, G.; Kimmel, H. and Shay, H.(1955).

Arch. Biochem. Biophys., 57, 174.

Schultze, H.E. (1962).

Arch. Biochem. Biophys. Suppl. 1, 290.

Schultze, H.E.; Heide, K. and Haupt, H. (1962).

Clin. Chem. Acta, 7, 854.

Schultze, H.E.; Heide, K. and Muller, H. (1957).

Behringwerk-Mitt., 32, 25.

Schultze, H.E., Schmidtberger, R. and Haupt, H. (1958).

Biochem. Z., 329, 490.

Schultze, H.E.; Schonenberger, M. and Schwick, G. (1956).

Biochem. Z., 328, 267.

Seakins, A. and Robinson, D.S. (1963).

Biochem. J., 86, 401.

Segovia, N.; Olgain, M.E. and Romero, M. (1986).

Nucl. Tracks Radiat. Meas. 12, 797-800.

Shapiro, A.L.; Vinuela, E. and Maizel, J.V. (1967).

Biochem. Biophys. Res. Commun. 28, 815.

Sharp, D.G.; Cooper, G.R.; Erickson, J. and Neurath, H (1942).

J. Biol. Chem., 144, 139.

Simpson, M.V.; Farber, E. and Tarver, H. (1950).

J. Biol. Chem., 182, 81.

Smithies, O. (1955).

Biochem. J., 61, 629.

Smithies, O. (1957).

Nature, 180, 1482.

Smuckler, E.A.; Iseri, O.A. and Benditt, E.P.(1962).

Biochem. Biophys. Res. Commun., 5, 270.

Smuckler, E.A. and Barker, E.A. (1964).

Fed. Proc., 23, 335.

Smuckler, E.A. and Benditt, E.P. (1965).

Biochemistry, 4, 671.

Stoner, H. and Magee, P.N. (1957).

Brit. Med. Bull., 13, 102.

Sun, S. (1983).

Zhonghua. Fangshe Yixue. Yu Fanghu, Zazhi,3,37-41

Surgenor, D.M., Koechlin, B.A. and Strong, L.E.(1949).

J. Clin. Invest, 28, 73.

Suttle, N.E. and Milli, C.F. (1966).

Br.J.Nutr., 20, 135-149.

Sutton, W.R. and Nelson, V.E. (1937).

Proc. Soc. Exp. Biol. Med., 36, 211-214.

Svyatkina, N.S. and Novikov, Yu. V. (1975).

Issled. Inst. Sanit Glg. Profrabol. Tashkent.

USSR, 8, 35-41.

Takeda, N.; Niwa, T. and Nagoya, (1987).

Clin. Chem, 33, 682-5.

Tiselius, A. (1937).

Trans. Faraday Soc. 33, 524.

Touche, D. La.Y.; Willis, D.L. and Dowyeliac, O.T. (1987)

Health, Phys., 53, 147-62.

Tripodo, C. (1945).

Biol. Soc. Ital. Biol. Sper., 20, 608.

Tupper, R.; Watts, R.W.E. and Normall, A. (1955).

Biochem. J., 59, 264-268.

Tykva, R.; Vortruba, I.; Veselv, J.; Kolmer, W.E. and

Berg, D. (1987).

Trace. Elem. Anal. Chem. Med. Biol. Proc. Inst.

Workshop 4th (Edited by Braetter, P., Schramel, P.

and Gruyter, D.). Berlin, Fed. Rep. Ger., 586-96.

Venugopal (1978).

Metal Toxicity. Vol. No.2

Verbin, R.S.; Goldblatt, P.J. and Farber, E.(1969).

Lab. Invest., 20, 529-536.

Villa-Trevino, S.; Farber, E.; Staechelin, T.; Wettstein,

F.O. and Noll, H. (1964).

J. Biol. Chem., 239, 3826.

Villie, F.; Boyer, J.B.; Bestide, J. and Bestide, P.(1971).

C. R. Soc. Biol., 165, 2358-60.

Warburg, O. (1927).

Biochem. Z., 187, 255.

Weber, K. and Osborn, M. (1969).

J. Biol. Chem., 244, 4406.

Weil-Malherbe, H. and Bone, A.D. (1958).

Boichem. J., 70, 14.

Weiss, K.C. and Linder, M.C. (1985).

Am. J. Physiol., 249, (1pt.2) E 77-E 88.

Wheeler, T.T.; Loong, P.C.; Jordan, T.W. and Ford,

H.C. (1986).

Anal. Biochem., 159, 1-7

Yamaguchi, T. (1980).

Osaka - Shiritsu Daigaku. Igaku Zasshi.,
29, 605-18.

Zak, I. (1987).

Bzomato, Chem. Toksykol., 20, 42-7.