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BIBLIOGRAPHY

- Adams, J.B. (1959) Biochem. Biophys. Acta, 32, 559.
- Albaum, H.G., Hirschfeld, A. and Sobel, A.E. (1952 a) Proc. Soc. Exp. Biol. ^{Med.} N.Y., 79, 238, cited from Chem. Abs., 46 4629.
- Albaum, H.G., Hirschfeld, A. and Sobel, A.E. (1952 b) Proc. Soc. Exp. Biol. ^{Med.} N.Y., 79, 682, cited from Chem. Abs., 46, 7192.
- Armstrong, W.D. and Barnum, C.P. (1948) J. Biol. Chem., 172, 199.
- Baker, S.L., Butterworth, E.C. and Langley, F.A. (1946) Biochem. J., 40, 391.
- Barker, S.B. and Summerson, W.H. (1941) J. Biol. Chem., 138, 535.
- Bauer, G.C.H. (1954), Acta Physiol. Scand., 31, 351, cited from Chem. Abs., 49, 1134.
- Bertolin, A. and Matucci, A.M. (1962) Pathol. Biol. Semaine Hosp., 10, 1335, cited from Chem. Abs., 58, 3743.
- Bethke, R.M., Kennard, D.C., Kick, C.H. and Zinzalian, G. (1929), Ohio Agr. Expt. Sta. Bull., 431, cited from Chem. Abs., 24, 4082.
- Biggers, J.D. (1960a) J. Exp. Zool., 144, 233.
- Biggers, J.D. (1960b) J. Exp. Zool., 145, 227.

- Biggers, J.D. (1961 a) Nature, 189, 1916.
- Biggers, J.D. (1961 b) Nature, 192, 664.
- Biggers, J.D. and Gwatkin, R.B.L. (1961) J.Exp.Zool.,
148, 21.
- Biggers, J.D., Gwatkin, R.B.L. and Heyner, S. (1961)
Exp.Cell Res., 25, 41.
- Biggers, J.D. and Heyner, S.(1961) J.Exp. Zool.,147,95.
- Biggers, J.D., Lawson, K.A., Lucy, J.A. and Webb, M.
(1961) Biochem. Biophys. Acta, 54, 236.
- Biggers, J.D. and Lucy, J.A.(1960) J.Exp.Zool.,144,253.
- Biggers, J.D., Webb, M., Parker, R.C. and Healy, G.M.
(1957) Nature, 180, 825.
- Borle, A.B., Nichols, N. and Nichols, G. Jr. (1960 a)
J.Biol.Chem., 235, 1206.
- Borle, A.B., Nichols, N. and Nichols, G. Jr. (1960 b)
J.Biol.Chem., 235, 1211.
- Bostrom, H., Roden, L. and Vestermark, A. (1955)
Nature, 176, 601.
- Boyd, E.S. and Neuman, W.F. (1954) Arch.Biochem. Biophys.,
51, 475.
- Buchanan, J.M. and Anfinsen, C.B.(1949) J.Biol.Chem.,
180, 47.
- Bulen, W.A. (1956) Arch. Biochem. Biophys., 62, 173.
- Burns, C.M. (1929) Biochem. J., 23, 853.

- Burns, C.M. and Henderson, N. (1935) *Biochem.J.*, 29, 2385.
- Bywaters, E.G.L. (1936) *Nature*, 138, 30.
- Carpenter, E. (1950) *J.Exp.Zool.*, 113, 301.
- Cartier, P. (1949) *C.R. Soc. Biol.*, 143, 37, cited from
Chem.Abs., 43, 5841.
- Cartier, P. (1950) *C.R. Soc.Biol.*, 144, 331, cited from
Chem.Abs., 45, 238.
- Cartier, P. and Picard, J. (1955) *Bull.Soc.Chem.Biol.*,
37, 485, cited from *Chem.Abs.*, 50, 1939.
- Castellani, A.A. and Zembotti, V. (1954) *Boll.Soc.Ital.*
Biol.Spar., 30, 453, cited from *Chem.Abs.*, 49, 1182.
- Castellani, A.A. and Zambotti, V. (1956) *Nature*, 178, 313.
- Chen, J.M. (1954a) *J.Physiol.*, 125, 148, cited from
Biol.Abs., 29, 19054.
- Chen, J.M. (1954b) *Exp.Cell Res.*, 7, 518.
- Cipera, J.D., Migicowsky, B.B. and Belanger, L.F. (1960)
Can.J.Biochem.Physiol., 38, 807.
- Cipera, J.D. and Willmer, J.S. (1962) *Can.J.Biochem.*
Physiol., 40, 419.
- Cipera, J.D. and Willmer, J.S. (1963) *Can.J.Biochem.*
Physiol., 41, 1490.

- Cramer, J.W., Porrata, D.E.L. and Steenbock, H. (1956)
Arch.Biochem. Biophys., 60, 58.
- D'Abramo, F. and Lipmann, F. (1957) Biochem. Biophys.
Acta, 25, 211.
- Day, H.G. (1940) J. Nutr., 20, 157.
- DeLuca, H.F., Gran, F.C. and Steenbock, H. (1956) Fed.
Proc., 15, 241.
- DeLuca, H.F., Gran, F.C. and Steenbock, H. (1957) J.
Bol.Chem., 224, 201.
- DeLuca, H.F. and Steenbock, H. (1957) Science, 126, 258.
- DeLuca, H.F., Reiser, S., Steenbock, H. and Kaesberg, P.
(1960) Biochem.Biophys.Acta, 40, 526.
- Dickens, F. (1941) Biochem. J., 35, 1011.
- Dickerson, J.W.T. (1962 a) Biochem. J., 82, 47.
- Dickerson, J.W.T. (1962 b) Biochem. J., 82, 56.
- Dikshit, P.K. (1959) Nature 183, 334.
- Dikshit, P.K., Joshi, J.G. and Patwardhan, V.N. (1956)
Ind.J.Med.Res., 44, 719.
- Dikshit, P.K. and Sriramachari, S. (1961) Ind.J.Med.
Res., 49, 115.
- Dingle, J.T., Lucy, J.A. and Fell, H.B. (1961) Biochem.
J., 79, 497.
- Dixon, T.F. and Perkins, H.R. (1952) Biochem. J., 52, 260.

- Earle, W.R. (1943) J. Nat.CancerInst., 4, 165.
- Eastoe, J.E. (1955) Biochem. J., 61, 589.
- Eastoe, J.E. (1956) in The Biochemistry and Physiology of Bone, edited by Bourne, G.H., Academic Press, New York, p.81.
- Eastoe, J.E. and Eastoe, B. (1954) Biochem. J., 57, 453.
- Endo, H. (1960) Exp.Cell Res., 21, 151.
- Fell, H.B. (1928) Arch.Exp. Zellforsch Gewebezicht, 7,390, cited from The Biochemistry and Physiology of Bone, edited by Bourne G.H., Academic Press, New York, (1956) p. 403.
- Fell, H.B. (1932) J.Anat., 66, 157, Cited from The Biochemistry and Physiology of Bone, edited by Bourne G.H., Academic Press, New York, (1956) p.424.
- Fell, H.B. (1939) Phil.Trans.Roy.Soc., B229, 407, cited from The Biochemistry and Physiology of Bone, edited by Bourne G.H., Academic Press, New York, (1956) p.406.
- Fell, H.B. and Canti, R.G. (1934) Proc.Roy.Soc., B116, 316, cited from The Biochemistry and Physiology of Bone, edited by Bourne, G.H., Academic Press, New York, (1956) p.405.
- Fell, H.B. and Mellanby, E. (1952) J.Physiol., 116, 320, cited from The Biochemistry and Physiology of Bone, edited by Bourne G.H., Academic Press, New York, (1956) p.433.

- Fell, H.B. and Robison, R.(1929) Biochem.J., 23, 767.
- Fell, H.B. and Robison, R.(1930) Biochem.J., 24, 1905.
- Fell, H.B. and Thomas,L. (1961) J.Exp.Med., 114, 343.
- Firschen, H., Martin, G., Mulryan, J., Strates,B. and
Neuman, W.F. (1958) J.Am.Chem.Soc., 80, 1619.
- Fiske, C.H. and Subba Row, Y.J.(1925) J.Biol.Chem.,
66, 375.
- Follis, R.H. Jr. and Melanotte, P.L.(1956) Proc.Soc.
Exp.Biol.^{med.}N.Y., 93, 382, cited from Chem.Abs., 51,
4454.
- Friedmann, T.E. and Haugen,G.E. (1943) J.Biol.Chem.,
147, 415.
- Gillard, P.J. (1935) Protoplasma, 23, 10, cited from the
Biochemistry and Physiology of Bone, edited by
Bourne, G.H., Academic Press, New York, (1956) p.430.
- Giri, K.V., Radhakrishnan, A.N. and Vaidyanathan, C.S.
(1953) J.Ind.Inst.Sci., 35, 145.
- Glegg, R.E. and Eidinge, D. (1955) Arch.Biochem.
Biophys., 55, 19.
- Gothoskar, B.P., Raina, P.N. and Ramakrishnan, C.V.
(1960) Biochem. Biophys. Acta, 37, 477.
- Gothoskar, B.P., Ratnam, S. and Ramakrishnan,C.V. (1959)
Clin.Chim.Acta, 4, 312.

- Goyena, H. (1955) Acta Physiol.Latinoam, 5, 215, cited from Int.Rev.of Cyto., (1958) 7, 96.
- Gutman, A.B. and Gutman E.B. (1941) Proc.Soc.Exp.Biol. Med., 48, 687, cited from Chem.Abs., 36, 1372.
- Gutman, A.B., Warrick, F.B. and Gutman, E.B. (1942) Science, 95, 461.
- Gutman, A.B. and Yu, T.F. (1950) Conf. on Met.Int.Trans., 2, 167, cited from Chem.Abs., 45, 5276.
- Hamilton, B. and Dewar, M.M. (1937) Am.J.Dis.Child, 54, 548, cited from Chem.Abs., 31, 8692.
- Hammett, F.S. (1925) J.Biol.Chem., 54, 409.
- Hanks, J.H. and Wallace, R.E. (1949) Proc.Soc.Exp.Biol. Med., 71, 196.
- Harris, H.A. (1932) Nature, 130, 996.
- Hawk, P.B. and Gies, W.J. (1901) Am.J.Physiol., 5, 387, cited from The Biochemistry and Physiology of Bone, edited by Bourne, G.H., Academic Press, New York, (1956), p.97.
- Hawk, P.B., Oser, B.L. and Summerson, W.H. (1954) Practical Physiological Chemistry; McGraw-Hill Book Company, New York, p.880.
- Healy, G.M., Fischer, D.C. and Parker, R.C. (1955) Proc.Soc.Exp.Biol.Med., 89, 71.
- Heinz, E., Muller, E. and Rominger, E. (1948) Z.Kinderheilk, 65, 637, cited from Chem.Abs., 43, 5464.

- Hekkelman, J.W. (1961) Biochem. Biophys. Acta, 47, 426.
- Herberstson, M.A. (1955) J. Embryol. and Exptl. Morphol.,
3, 355.
- Heyner, S. and Biggers, J.D. (1958) Nature, 182, 810.
- Hiatt, H.H. and Shorr, E. (1953) Proc. Soc. Exp. Biol. ^{Med.} N.Y.,
82, 543, cited from Chem. Abs., 47, 6506.
- Hills, G.M. (1940) Biochem. J., 34, 1070.
- Hisamura, H. (1938 a) J. Biochem. (Japan), 28, 217;
cited from Chem. Abs., 33, 658.
- Hisamura, H. (1938 b) J. Biochem. (Japan), 28, 473,
cited from Chem. Abs., 33, 2548.
- Ito, Y., Endo, H., Enomoto, H., Wakabayashi, K. and
Takamura, K. (1963) Exp. Cell Res., 31, 119.
- Ito, Y., Takamura, K. and Endo, H. (1959) Endocrinologia
Japonica, 6, 68.
- Joshi, J.G., Dikshit, P.K. and Patwardhan, V.N. (1957)
Ind. J. Med. Res., 45, 439.
- Kaplan, D. and Meyer, K. (1959) Nature, 183, 1267.
- Kay, H.D. and Robison, R. (1924) Biochem. J., 18, 755.
- Kieny, M. (1958) Arch. Ant. Microsc. Morph. Exp., 47, 86,
cited from Chem. Abs., 53, 11548.
- Kornberg, A. (1955) in Methods in Enzymology, Vol. I,
edited by Colowick, S.P., and Kaplan, N.O., Academic
Press, New York, p.441.

- Kornberg, A. and Horecker, B.L. (1955) in Methods in Enzymology, Vol.I, edited by Colowick, S.P., and Kaplan, N.O., Academic Press, New York, p.323.
- Kramer, B. and Howland, J.(1922) Bull.Johns.Hopkins Hosp., 33, 313, cited from Chem.Abs., 16, 3684.
- Krieger, C.H. and Steenbock, H. (1940) J.Nutr., 20,125.
- Krishna Rao, G.V.G. and Patwardhan, V.N.(1960) Ind.J. Med.Res., 48, 661.
- Krishna Rao, G.V.G. and Patwardhan, V.N. (1961) Ind.J. Med.Res., 49, 733.
- Kuhn, R. and Leppelmann, H.J.(1957) Liebigs Ann.Chem., 607, 202, cited from Chem.Abs., 52, 6530.
- Kuhn, R. and Leppelmann, H.J. (1958) Liebigs Ann.Chem., 611, 254, cited from Chem.Abs., 52, 8326.
- Lash, J.W. and Whitehouse, M.W. (1960) Arch.Biochem. Biophys., 90, 159.
- Laskin, D.M. and Engel, M.B. (1956), Arch.Pathol., 62, 296, cited from Chem.Abs., 51, 3818.
- Lawson, K.A. (1961) J.Embryol.Exper.Morphol., 9, 42.
- Lawson, K.A. and Lucy, J.A.(1961) Exp.Cell Res.,23, 84.
- Leulier,A., Policard, A. and Revol, L. (1941a) C.R. Soc.Biol., 135, 1203, cited from Chem.Abs.,39, 5304.

- Leulier, A., Policard, A. and Revol, L. (1941b) Bull. Histol. Appl. Physiol. Pathol. Tech. Microscop., 18, 25. cited from Chem. Abs., 38, 5922.
- Lucy, J.A., Webb, M. and Biggers, J.D. (1961) Biochem. Biophys. Acta, 54, 259.
- Lutwak-Mann, C. (1940) Biochem. J., 34, 517.
- Manly, M.L. and Bale, W.F. (1939) J. Biol. Chem., 129, 125; cited from Chem. Abs., 33, 7364.
- Manly, R.S., Hodge, H.C. and Manly, M.L. (1940) J. Biol. Chem., 134, 293, cited from Chem. Abs., 34, 5907.
- Marks, P.A. and Shorr, E. (1950) Science, 112, 752.
- Martin, G.R., Firschen, H.E., Mulryan, B.J. and Neuman, W.F. (1958) Am. J. Chem. Soc., 80, 6021.
- McCollum, E.V., Simmonds, N., Shipley, P.G. and Park, E.A. (1921) J. Biol. Chem., 47, 507, cited from Chem. Abs., 15, 3667.
- McLean, F.C.L. (1956) in The Biochemistry and Physiology of Bone, edited by Bourne, G.H., Academic Press, New York, p.705.
- Meyer, J., Bolen, R.J. and Antin, J. (1959) Arch. Biochem. Biophys., 81, 340.
- Meyer, K., Davidson, E.A., Linker, A. and Hoffman, P. (1956) Biochem. Biophys. Acta, 21, 506.

- Meyer, K., Hoffman, P. and Linker, A. (1958) *Science*,
128, 896.
- Miszurski, B. (1838) *Arch. Exp. Zellforsch Gewebezücht*,
22, 80, cited from *The Biochemistry and Physiology*
of Bone, edited by Bourne, G.H., Academic Press,
New York, (1956), p. 431.
- Miyazaki, Y., Katsuta, H., Aoyama, Y., Endo, H., Takaoka,
T. and Oishi, Y. (1957) *Japan. J. Expt. Med.*, 27, 331.
- Morgulis, S. and Janecek, E. (1931) *J. Biol. Chem.*, 93,
455, cited from *Chem. Abs.*, 26, 1028.
- Murao, S. (1938) *J. Biochem. (Japan)*, 27, 175, cited from
Chem. Abs., 32, 9200.
- Natelson, S., Pincus, J.B. and Lugivoy, J.K. (1948) *J.*
Biol. Chem., 175, 745.
- Neuman, R.E. (1949) *Arch. Biochem. Biophys*, 24, 289.
- Neuman, W.F., Firschein, H., Chen, P.S. Jr., Mulryan, B.G.
and Distefano, V.J. (1956) *Am. J. Chem. Soc.*, 78, 3865.
- Nicolaysen, R. and Nordbo, R. (1943) *Acta Physiol. Scand.*,
5, 212, cited from *Chem. Abs.*, 38, 5268.
- Norman, A.W. and DeLuca, H.F. (1964) *Biochem. J.*, 91, 124.

- Paff, G.H. (1948) Proc.Soc.Exp.Biol.Med., 68, 288,
cited from Chem.Abs., 42, 8292.
- Patel, A.J., Rajalakshmi, R. and Ramakrishnan, C.V. (1965)
Proc.Tissue culture Seminar, Baroda, (India), edited
by Ramakrishnan, C.V., Dr.W.Junk publishers, The
Hague, p.49.
- Perkins, H.R. and Dixon, T.F. (1953) Science, 118, 139.
- Person, P. and Fine, A. (1959) Arch.Biochem.Biophys.,
84, 123.
- Pileggi, V.J., DeLuca, H.F., Cramer, J.W. and Steenbock, H.
(1956) Arch.Biochem.Biophys., 60, 52.
- Pileggi, V.J., DeLuca, H.F. and Steenbock, H. (1955)
Arch.Biochem.Biophys., 58, 194.
- Racker, E. (1950) Biochem. Biophys.Acta, 4, 211.
- Ramakrishnan, C.V. and Martin, S.M. (1955) Arch.Biochem.
Biophys., 55, 403.
- Ramalingaswami, V., Sriramachari, S., Dikshit, P.K.,
Tulpule, P.G. and Patwardhan, V.N. (1954) Ind. J.
Med.Sci., 8, 509.
- Robison, R. (1923) Biochem.J., 17, 286.
- Roche, J., Thoai, N., Garcia, I. and Pin., P. (1951)
Bull.Soc.Chim.Biol., 33, 286, cited from Chem.Abs.,
45, 10337.
- Rogers, H.J. (1949) Nature, 164, 625.
- Rogers, H.J. (1951) Biochem.J., 49, xii.
- Rogers, H.J., Weidmann, S.M. and Parkinson, A. (1951)
Biochem.J., 49, xii.

- Rogers, H.J., Weidmann, S.M. and Parkinson, A. (1952)
Biochem.J., 50, 537.
- Rondle, A.C.J.M. and Morgan, W.T.S. (1955) Biochem.J.,
61, 586.
- Saito, S. (1959) Japan J.Expt.Med., 29, 91.
- Shah, V.K. and Ramakrishnan, C.V. (1963) Enzymologia,
26, 33.
- Shear, M.J. and Kramer, B. (1928) J.Biol.Chem., 79, 105,
cited from Chem.Abs., 22, 4556.
- Shipley, P.G. (1924) Bull.Johns Hopkins Hosp., 35, 304,
cited from Chem.Abs., 19, 1008.
- Shohl, A.T. (1936) J.Nutr., 11, 275.
- Shohl, A.T. (1937) J.Nutr., 14, 69.
- Steenbock, H. and Bellin, S.A. (1953) J.Biol.Chem.,
205, 985.
- Steenbock, H. and Black, A. (1925) J.Biol.Chem., 64,
263, cited from Mineral Metabolism, Vol.II, Part A,
edited by Comar, C.L., and Bronner F., Academic
Press, New York, (1964), p.249.
- Steenbock, H., Krieger, C.H., Wiest, W.G. and Pileggi,
V.J. (1953) J.Biol.Chem., 205, 993.
- Stern, J.R., Ochoa, S. and Lynen, F. (1952) J.Biol.
Chem., 198, 313.

- Strangeways, T.S.P. and Fell, H.B.(1926) Proc.Roy.Soc.,
B99 , 340, cited from the Biochemistry and Physiology
of Bone, edited by Bourne,G.H., Academic Press,
New York, (1956), p.401.
- Strobino, L.J. and Farr, L.E.(1949)J.Biol.Chem.,178,599.
- Thunberg,T.(1948) Acta Physiol.Scand., 15,38, cited from
Chem.Abs., 42, 5333.
- Tulpule, P.G. and Patwardhan, V.N. (1954)Biochem.,J.,58,61.
- Urist, M.R., Budy, A.M. and McLean, F.C. (1950) J.Bone
and Joint Surg., 32A, 143, cited from Borle et al(1960b)
- Vaes, G. and Nichols, G. Jr.(1961) J.Biol.Chem.,236, 3323.
- Van Reen, R.(1959) J.Biol.Chem., 234, 1951.
- Van Reen, R. and Loşsee, F.L. (1958) Nature, 181, 1543.
- Von Kossa (1901) Beitr.Z.Path.Anat.U.Z.Allg.Path.,29,163,
in Histopathologic Technic, edited by Lillie, R.D.,
The Blakiston Company, Toronto (1952) p.249.
- Walker, D.G. (1961) Bull.Johns Hopkins Hosp., 108, 80,
cited from Biol.Abs., 36, 52190.
- Webb, M. and Biggers, J.D. (1961) Biochem.Biophys.Acta,
54, 249.
- Weidmann, S.M. and Rogers,H.J.(1950) Biochem.J.,47,493.
- Weidmann, S.M. and Rogers, H.J.(1958) Biochem.J.,69,338.
- Whitehead, R.G. and Weidmann, S.M. (1957)Nature,180,1196.
- Whitehead, R.G. and Weidmann,S.M. (1959a) Nature,183,876.

Whitehead, R.G. and Weidmann, S.M. (1959b) *Biochem.J.*,
72, 667.

Wolff, E., Haffen, K., Keiny, M. and Wolff, E. (1953)
J.Embryol.Exp.Morph., 1, 55, cited from *Biol.Abs.*,
28, 23645.