

B I B L I O G R A P H Y

- Baker, J.R. 1946. The histochemical recognition of lipine.
Quart. J. Micro. Sci., 87:441-470.
- Banerjee, A.B. and Ganguli, N.C. 1962. Metabolic studies
on scorbutic guinea pigs. 2. Hepatic glycogen
synthesis in vitro and in vivo. J. Biol. Chem., 237:14-18.
- Banerjee, S., Biswas, D.K. and Singh, H.D. 1959.
Dehydrogenase activity of the tissue in scurvy.
J. Biol. Chem., 234:405-408.
- Barber, L.W. 1944. Correlations between wound healing and
regeneration in forelimbs and tails of lizards.
Anat. Rec., 89:441-453.
- Beckett, E.B. and Bourne, G.H. 1958. Acid and alkaline
phosphatase in normal and diseased human muscle.
Acta. Anat., 35:326-343.
- Bergman, R.A. 1960. Further observations on the localization
of glycogen in the frog striated muscle. Bull.
Johns. Hopkins. Hosp., 107:307-320.
- Bodian, D. and Mellors, R.C. 1944. Phosphatase activity in
chromatolytic nerve cells. Proc. Soc. Exp. Biol.
Med., 55:243-245.

- Boell, E.J. 1948. Biochemical differentiation during amphibian development. Ann. N.Y. Acad. Sci., 49:773-800.
- Boell, E.J. 1955. Energy exchange and enzyme development during embryogenesis. In Analysis of development. B.H. Willier, P.A. Weiss, and V. Hamburger, eds. W.B. Saunders Co., Philadelphia. pp. 520-555.
- Bourne, G. 1942. Quart. J. Exp. Physiol., 31:319.
as cited by Needham, A.E., In "Regeneration and Wound healing". Methuen and Co. Ltd. London:
John Wiley and Sons, INC. New York.
- Bourne, G.H. 1953. Biochemistry and physiology of nutrition. Vol. 2, pp.86. Academic Press: New York (cited from G.C. Chaterjee, 1967).
- Boyer, S.H. 1961. Alkaline phosphatase in human sera and placentae. Science, 134:1002-1004.
- Brachet, J. 1947. Symposia. Soc. Exp. Biol., 1:207
as cited by Needham, A.E., In "Regeneration and Wound healing". Methuen and Co. Ltd. London: John Wiley and Sons, INC. New York.
- Brachet, J. 1950a. Chemical Embryology. New York. as cited by Needham, A.E., Methuen and Co. Ltd. London:
John Wiley and Sons, INC. New York.

Brachet, J. 1950b. Rev. Suisse. Zool., 57: Suppl., 57.

(as cited by Needham, A.E.)

Brachet, J. 1955. Biological role of pentose nucleic acids.

In "The nucleic acids", 2:475, Academic Press,
New York.

Brachet, J. 1960. Nucleic acids and growth, In: Fundamental aspects of normal and malignant growth. pp. 260-304:
eds. W.W. Nowinski: Elsevier, Amsterdam.

Bradfield, J.R.G. 1950. The localization of enzymes in
cells. Biol. Rev., 25:113-155.

Bradfield, L.R.G. 1951. Glycogen of vertebrate epidermis.
Nature, 167:40-41.

Bryant, S.V. and Bellairs, A.D.A. 1967. Tail regeneration
in the lizards, Anguis fragilis and Lacerta dugesii.
J. Linn. Soc., (Zool) 46: No. 310, p.297.

Burns, J.J., Burch, H.B. and King, C.G. 1951. The metabolism
of I-C¹⁴ L- ascorbic acid in guinea pigs. J. Biol.
Chem., 189:203.

Burstone, M.S. 1957b. Arch. Pathol., 63: 164-167.
(cited by Burstone, M.S., 1962).

Burstone, M.S. 1958. J. Histochem. Cytochem., 6:322-339.
(cited by Burstone, M.S., 1962).

- Burstone, M.S. 1958a. Histochemical demonstration of acid phosphatases with Napthol-As-phosphates. J. Nat. Cancer. Inst., 21:523-539.
- Burstone, M.S. 1958b. Acid phosphatase activity of calcifying bone and dentin matrices. J. Histochem. Cytochem., 7:147-148.
- Burstone, M.S. 1961. Histochemical demonstration of phosphatases in frozen sections with Napthol-As-phosphates. J. Histochem. Cytochem., 9:146-153.
- Burstone, M.S. 1962. Enzyme histochemistry and its applications in the study of Neoplasms. Academic Press: New York.
- Butler, E.G. and Schotté, O.E. 1941. Histochemical alterations in denervated nonregenerating limbs of urodele larvae. J. Exp. Zool., 88:307-341.
- Butler, E.G. and Schotté, O.E. 1949. Effects of delayed denervation of regenerative activity in the limbs of urodele larvae. J. Exp. Zool., 112:361-392.
- Cain, A.J. 1947. The use of Nile blue in the examination of lipoids. Quart. J. Micro. Sci., 88:383-392.
- Carranza, F.A. and Cabrini, R.L. 1962. Histochemical distribution of acid phosphatase in healing wounds. Science, 135:672.

Chakko, T.V. 1967. Ph.D. thesis entitled "A histological and histochemical study on the normal and regenerating tail of the house lizard, Hemidactylus flaviviridis" , submitted to the M.S. University of Baroda, Baroda, India.

Chalkely, D.T. 1954. A quantitative histological analysis of the forelimb regeneration in Triturus viridescens. J. Morphol., 94:21-70.

Chalkely, D.T. 1959. The cellular basis of regeneration. In "Regeneration in vertebrates". C.S. Thronton edt. pp. 34-58. Univ. Chicago Press, Chicago, Illinois.

Chinoy, N.J. 1969a. Source of electron energy for animal metabolism. 1. Role of ascorbic acid in metabolism of avian muscle. Histochemie., 19:125-128.

Chinoy, N.J. 1969b. On the specificity of alcoholic acidic silver nitrate reagent for the histochemical localization of ascorbic acid. Histochemie., 20:105-107.

Chinoy, N.J. and George, J.C. 1965. Cholinesterases in the pectoral muscles of some vertebrates. J. Physiol., 177:346-354.

Chinoy, N.J. and George, J.C. 1966. Embryonic and post embryonic development of the pigeon pectoralis muscle. Pavo , 4:65-71.

- Clement-Noel, H. 1944. Les acides Pentosenucléiques et la regeneration. Ann. Soc. Roy. Zool. Belgique., 75:25-38.
- Cosmos, E. 1966. Enzymatic activity of differentiating muscle fibres. I. Development of phosphorylase in muscles of domestic fowl. Develop. Biol., 13:163-181.
- Coupland, R.E. and Holmes, R.L. 1957. The use of cholinesterase technique for the demonstration of peripheral nerve structures. Quart. J. Micr. Sci., 98:327-330.
- Cox, P.G. 1969a. Some aspects of tail regeneration in the lizard, Anolis carolinensis: I. A description based on histology and autoradiography. J. Exp. Zool., 171:127-149.
- Cox, P.G. 1969b. Some aspects of tail regeneration in the lizard, Anolis carolinensis. II. The role of the peripheral nerves. J. Exp. Zool., 171:151-160.
- Crandon, J.H., Lennihan, R. Jr., Mikal, S. and Reif, A.E. 1961. Ann. N.Y. Acad. Sci., 92:246 (cited from B.S. Gould, 1963).
- Deuchar, E.M., Weber, R., and Lehmann, F.E. 1957. Differential changes of catheptic activity in regenerating tails of Xenopus larvae related to protein breakdown and total nitrogen. Helv. Physiol. Acta., 15:212-229.

- Duges, A. 1829. Ann. Sci. Natl., 337. (cited by S.B. Simpson Jr., "Regeneration of the lizard tail" In Regeneration in animals and related problems: Ed. Kiortsis and H.A.L. Transpusch, 1965. North-Holland Publishing Co., Amsterdam.
- Duve, c.de. 1959. Lysosomes, a new group of cytoplasmic particles. In Subcellular Particles. T. Hyashi, ed., Ronald Press Co., New York: pp.128-159.
- Falin, L.I. 1961. Glycogen in the epithelium of mucous membranes and skin and its significance. Acta Anat., 46:244-276.
- Fell, H.B. and Danielli, J.F. 1943. The enzymes of healing wounds. 1. The distribution of alkaline phosphomonoesterase in experimental wounds and burns in the rat. Brit. J. Exp. Path., 24:196-203.
- Fell, H.B. and Robison, R. 1929. The growth, development and phosphatase activity of embryonic avian femora and limb buds cultivated in vitro. Biochem. J., 23:76.
- Fell, H.B. and Robison, R. 1934. The development of calcifying mechanism in avian cartilage and osteoid tissue. Biochem. J., 28:22-43.

- Fishman, W.H., Green, S., and Inglis, N.I. 1962. Organ specific behaviour exhibited by rat intestine and liver alkaline phosphatase. Biochemi. Biophys. Acta., 62:363-375.
- French, J.E. and Benditt, E.P. 1954. Observations on the localization of alkaline phosphatase in healing wounds. A.M.A. Arch. Path., 57:352-356.
- George, J.C. and Ambadkar, P.M. 1963. Histochemical demonstration of lipids and lipase activity in rat testis. J. Histochem. Cytochem., 11:420-425.
- George, J.C. and Eapen, K.J. 1959. Lipase activity in the adipose tissue of vertebrates. J. Anim. Morphol. Physiol., 6:119-122.
- George, J.C. and Naik, R.M. 1958. Studies on the structure and physiology of flight muscles of birds. V. Some histochemical and cytochemical observations on the structure of the pectoralis. J. Anim. Morphol. Physiol., 6:16-23.
- George, J.C., Nair, M.S., and Scaria, K.S. 1958. Studies on the structure and physiology of the flight muscles of birds. III. Alkaline phosphatase activity in the pigeon breast muscle. Curr. Sci., 27:172-173.

George, J.C., and Pishawikar, S.D. 1961. Acid phosphatase activity in the pigeon breast muscles. Naturwissensch., 48: 104.

Gerebtzoff, M.A., Philippot, E., and Dallemnagne, M.J. 1954. Recherches histochemiques sur less acetylcholine et cholinesterases. II. Activite enzymatique dans les muscles lents et rapides des mammife et des oiseaux. Acta. Anat., 20:234-257.

Ghiretti, F. 1950. On the activity of acid and alkaline phosphatase during tail regeneration in Triturus cristatus Laur. Experientia., 6: 98-100.

Ginsborg, B.L. and Mackay, B. 1960. A histochemical demonstration of two types of motor innervation in avian skeletal muscle. Histochemistry of cholinesterase. Symp. Basel. Bibl. Anat., 2:174-181.

Giroud, A. and Leblond, C.P. 1936. L' acido ascorbique dans les tissues et sa detection. Paris: Herman Press.

Gomori, G. 1939. Microtechnical demonstration of phosphatase in the tissue sections. Proc. Soc. Exp. Biol. Med., 42: 23-26.

Gomori, G. 1941. Distribution of acid phosphatase in the tissues under normal and under pathologic conditions.

Arch. Path., 32:189-199.

Goodwin, T.W. 1960. Recent Advances in Biochemistry. J & A Churchill Ltd. 104: Gloucester place, London, W.1.

Goslar, H.G. 1958a. Beitrage zum Hautungsvorgang der Schlangen. Acta. Histochem., 5:182-212.

Goslar, H.G. 1958b. The skin of reptiles as an endocrine test object. Endocrinologie., 36: 5-6, 279-286.

Gould, B.S. 1963. Collagen formation and fibrogenesis with special reference to role of ascorbic acid. Int. Rev. Cytol., 15:301-361.

Grillo, T.A.I. 1961. Uridine diphosphate glucose-glycogen synthetase activity in the chick embryo. Nature , 195:902-903.

Gurr, E. 1956. A practical manual of Medical and Biological staining techniques. London. Leonard Hill Ltd.

Hahn, H.P. von, 1960. Die Aktivitat de Sauren phosphatase beider Xenopus larvae. II. Normale Regeneration. Helv. Physiol. Acta., 18: c80-c83.

Hay, E.D., and Fischmann, D.A. 1961. Origin of the blastema in regenerating limbs of the newt, Triturus viridescens. An autoradiographic study using tritiated thymidine to follow cell proliferation and migration. Develop. Biol., 3:26-59.

Hess, O. 1959. Organotypische Und phasenspezifische Verteilung ungesttigter Lipoide im. Schwanz der larve Von Xenopus laevis. Experientia., 15:161-162.

Hiradhar, P.K. 1972. Ph.D. thesis entitled "Studies on certain histophysiological aspects of the normal and regenerating tail of the house lizard, Hemidactylus flaviviridis", submitted to the M.S. University of Baroda, Baroda-2, India.

Hooker, D. 1912. Arch. Mikr. Anat., 80: 217. (cited by S.B. Simpson Jr., "Regeneration of the lizard tail". In Regeneration in animals and related problems. Eds. V. Kiortsis and H.A.L. Trampusch, 1965. North-Holland Publishing Co., Amsterdam.

Huges, A., and New, D. 1959. Tail regeneration in the Gekkonid lizard, Sphaerodactylus. J. Embryol. Exp. Morphol., 7:281-302.

Ide-Rozas, A. 1937. Die cytologischen Verhaltnisse, beider Regeneration von Kaulquappen-extremetaten. Wilhelm Roux. Arch. Ent. Wicklang mech. Organ., 135:552-608.

- Jackson, S.F. 1957. Structural problems associated with the formation of collagen fibrils in vivo. "In connective tissue". A Symposium, ed. R.E. Tunbridge, pp. 77-85. Oxford: Black well Scientific Publications.
- Jackson, D.S. 1958. Some biochemical aspects of fibrogenesis and wound healing. New. Eng. J. Med., 259:814-820.
- James, W.O. 1957. Advances in Enzymology, 18:281 (cited from Goodwin, T.W., 1960).
- Jensen, P.K., Lehmann, F.E., and Weber, R. 1956. Catheptic activity in the regenerating tail of Xenopus larvae and its relation to histostatic substances. Helv. Physiol. Acta., 14:188-201.
- Johnson, E.A., and Singer, M. 1964. A histochemical study of succinic and lactic dehydrogenases in the regenerating forelimb of the adult newt, Triturus. Proc. Soc. Exp. Biol. Med., 117:27-31.
- Junquiera, L.C.U. 1950. Alkaline and acid phosphatase distribution in normal and regenerating tadpole tails. J. Anat. Lond., 84:369-373.
- Kambara, S. 1955. Phosphatases in the skin of the Newt, Triturus pyrrhogaster. Annot. Zool. Jap., 28:61-66.

- Kamrin, R.P., and Singer, M. 1955. The influence of the spinal cord in regeneration of the tail of the lizard, Anolis carolinensis. J. Exp. Zool., 128:611-627.
- Karczmar, A.G., and Berg, G.G. 1951. Alkaline phosphatase during limb development and regeneration of Amblystoma opacum and Amblystoma punctatum. J. Exp. Zool., 117:139-163.
- Kennedy, E.P. 1957a. Fed. Proc. 16: 847. (cited by Goodwin, T.W. 1960)
- Kennedy, E.P. 1957b. Ann. Rev. Biochem., 26: 119 (cited by Goodwin, T.W. 1960)
- Khan, M.A., and George, J.C. 1967. Histochemical demonstration of mitochondrial localization of acid and alkaline phosphatase in skeletal muscle. J. Anim. Morphol. Physiol., 14:98-102.
- Kobayashi, H. Maruyama, K. and Kambara, S. 1955. Effect of thyroxine on the phosphatase activity of pigeon skin. Endocrinology, 57:129-133.
- Koelle, G.B., and Friedenwald, J.B. 1949. A histochemical method for localizing cholinesterase activity. Proc. Soc. Exp. Biol. Med., 70: 617-622.

- Krebs, H.A., Newsholme, E.A., Speake, R., Gascoyne, T. and Lund, P. 1963. Some factors regulating the rate of gluconeogenesis in animal tissues. A special symposium lecture in Advances in enzyme regulation. ed. George Webber, 2:71-81.
- Kruger, P. 1958. Dtsch. Z. Nervenheilk., 178: 29. as cited by Klinar, B. and Zupancic, A.O. 1962. Cholinesterases in white and red mammalian skeletal muscle. Arch. Int. Pharmacodyn., 136:47-53.
- Kruger, P. 1960. Acta. Anat., 40:186. as cited by Klinar, B. and Zupancic, A.O. 1962. Cholinesterases in white and red mammalian skeletal muscle. Arch. Int. Pharmacodyn., 136:47-53.
- Ksabayan, S.S. 1956. Arkh. Patol., 18:91. (cited by Gould, 1963).
- Kurnick, N.B. 1955. Histochemistry of nucleic acids. In: International Review of cytology. 4:221-268. Ed. Bourne, G.H. and Danielli, J.F. Academic Press, N.Y.
- La Velle, A., Liu, C. and La Velle, F.W. 1954. Acid phosphatase activity as related to nucleic acid sites in the nerve cell. Anat. Rec. 119:(3) 305-324.
- Le Camp, M. 1954. Sur le role de l'acetylcholine dans la regeneration. C.R. Acad. Sci., Paris, 238:955-956.

- Lit willer, R. 1939. Mitotic index and size in the regenerating amphibian limbs. J. Exp. Zool. 82:273-286.
- Maderson, P.F.A. 1967. The skin of lizards and snakes. Brit. J. Herp. 3:151-154.
- Magon, D.K. 1970. Ph.D. thesis entitled "Studies on the normal and regenerating tail of the house lizard, Hemidactylus flaviviridis; with emphasis on oxidative enzymes", submitted to the M.S.University of Baroda, Baroda-2, India.
- Mancini, R.E. 1948. Histochemical study of glycogen in tissues. Anat. Rec., 101:149-160.
- Mapson, L.W. 1953. Function of ascorbic acid in plants. In "Vitamins and Hormones". Harris, R.S. and Marrian, G.F. Eds. XI:1-25. Academic Press, New York.
- Meiklejohn, A.P. 1953. The physiology and biochemistry of ascorbic acid. In "Vitamins and Hormones". Harris, R.S. and Marrian, G.F. Eds. XI. 69-96. Academic Press, New York.
- Moffat, L.A., and Bellairs, A.D'A. 1964. The regenerative capacity of the tail in embryonic and postnatal lizards, Lacerta vivipara Jacquin. J. Embryol. Exp. Morph., 12:769-786.

Montagna, W. 1949. Glycogen and lipid in human cartilage, with some cytochemical observations on the cartilage of the dog, cat and rabbit. Anat. Rec., 103:77-92.

Montagna, W. and Ellis, R.A. 1958. The biology of hair growth. Edited by Willium Montagna and Richard A. Ellis, N.Y. Academic Press, pp.520.

Moog, F. 1943. Distribution of phosphatase in the spinal cord of chick embryo of one to eight days incubation. Proc. Nat. Acad. Sci., 29:176-183.

Moog, F. 1944. Localization of alkaline phosphatase and acid phosphatase in the early embryogenesis of the chick. Biol. Bull., 86:51-80.

Morgan, T.H. 1901. Regeneration. New York. Macmillan.

Morton, R.K. 1965. Phosphatases. In comprehensive biochemistry. V.16. Ed. M. Florkin and E.H. Stotoz, pp.55-84. New York. Elsevier.

Moss, D.W. 1963. Heterogeneity of human intestine alkaline phosphatase. Nature, 200:1206-1207.

Moss, D.W., and King, E.J. 1962. Properties of alkaline phosphatase fractions separated by starch-gel electrophoresis. Biochem. J., 84:192-195.

Moyson, F. 1946. La phosphatase alcaline au cours
du developpement chez Rana temporaria et au cours
des phenomenes de cicatrization et de regeneration.
Ann. Soc. Roy. Zool. (Belgique), 77:68-77.

Nachmansohn, D. 1946. Chemical mechanism of nerve activity.
Ann. N.Y. Acad. Sci., 47:395-428.

Needham, A.E. 1952. Regeneration and wound healing.
Methuen and Co. Ltd. London: John Wiley and Sons,
INC. New York.

Niwelinski, J. 1960. An enzymologic study of the regenerating
forelimb of the newt, Triturus vulgaris L. Folia.
Biol., 8: 1-9.

Norman, W.P., and Schmidt, A.J. 1967. The fine structure of
tissues in the amputated regenerating limb of the
adult newt, Diemictylus viridescens. J. Morph.,
123: 271-281.

Novikoff, A.B. 1961. Lysosomes and related particles. In:
"The cell" V.2. eds. J., Brachet and A.E. Mirsky,
pp.423-488. New York. Academic Press.

Novikoff, A.B. 1963. Lysosomes in the physiology and pathology
of cells; Contributions of staining methods. In
"Lysosomes", eds. A.V.S.de Reuck and M.P. Cameron,
pp. 36-77. Ciba Found. Symposium. Boston. Little, Brown.

Okuneff, N. 1928. Über einige physiko-chemische Erscheinungen während der Regeneration. I. Mitteilung: Messung der Wasserstoffionen Konzentration in regenerierenden Extremitäten des Axolotl. Biochem. Zeitschr., 195: 421-427.

Okuneff, N. 1929. Über einige physiko-chemische Erscheinungen während der Regeneration. III. Über die Pufferung der Gewebe einer regenerierenden Axolotl extremität. Biochem. Zeitschr., 212: 1-15.

Okuneff, N. 1933. Über einige physiko-chemische Erscheinungen während der Regeneration. V. Mitteilung: Über den Milchsauregehalt regenerierenden Axolotl extremitaten. Biochem. Zeitschr., 257: 242-244.

Oosterbaan, R.A., and Jansz, H.S. 1965. Cholinesterases, esterases and lipases. In Comprehensive biochemistry, v.16, eds. M. Florkin and E.H. Stotz, pp.1-54. New York: Elsevier.

O'Steen, W.K. and Walker, B.E. 1961. Radioautographic studies of regeneration in the common newt. II. Regeneration of the forelimb. Anat. Rec., 139: 547-555.

Pearse, A.G.E. 1960. Histochemistry, Theoretical and applied. J.A. Churchill Ltd. London.

Platt, A. 1910. De generatione animalium. In: The works of Aristotle. V.5. Eds. (1942) J.A. Smith and W.D. Ross, ref. 774^b. Oxford: Clarendon Press.

Preda, V., Cristea, dr.M., and Cracium, dr.o. 1962.

Modificările histo-chimice în regenerarea coziide triton în Prezentăzi absenta creierului anterior.

Morfologia Normală și Patologică, 7:305-10 (In Rumanian).

Quattrini, D. 1954. Arch. ital. Anat. Embriol., 54:226.

Cited from S.B. Simpson, Jr., Regeneration of the lizard tail. In: Regeneration of animals and related problems. Eds. V. Kiortsis and H.A.L. Trampusch (1965). Amsterdam: North Holland Publishing Company.

Raekallio, J. 1960. Enzymes histochemically demonstrable in earliest phase of wound healing. Nature, 188:234-235.

Raekallio, J. 1961. Histochemical studies on vital and post mortem skin wounds. Ann. Med. Exp. Biol. Fenn., 39 (suppl.1-8) 1-105.

Ramachandran, A.V. 1972. Ph.D. thesis entitled "Studies on certain biochemical and histochemical aspects of the normal and regenerating tail of the Scincid lizard, Mabuya carinata", submitted to the M.S.University of Baroda, Baroda-2. India.

Riddiford, L.M. 1960. Autoradiographic studies of tritiated thymidine infused into the blastema of the early regenerate in the adult newt, Triturus. J. Exp. Zool. 144:25-31.

Robison, R. 1923. The possible significance of hexose phosphoric esters in ossification. Biochem. J. 17:286.

Robbins, P.W., Traut, R.R. and Lipman, F. 1959. Glycogen synthesis from glucose-6-phosphate and Uridine diphosphate glucose in muscle preparation. Proc. Nat. Acad. Sci. Wash., 45:6-12.

Roe, J.H. 1954. Chemical determination of ascorbic and dehydroascorbic and diketogulonic acids. In: Methods of Biochemical analysis. Vol. I. (ed. D.Glick). New York: Interscience.

Rogers, K.T. 1960. Studies on chick brain of biochemical differentiation and onset of function. III. Histochemical localization of alkaline phosphatase. J. Exp. Zool., 145:49-60.

Roskin, G., and Karlova, G. 1944. Zymonucleic acid in cells of a normal regenerate and in those of malignant growth. Proc. Acad. Sci., (U.S.S.R.) 44:389-391.

Rutenburg, A.M., and Seligman, M. 1955. The histochemical demonstration of acid phosphatase by a post incubation coupling technique. J. Histochem. Cytochem., 3:455-470.

Ruyter, J.H.C. 1964. Studies on an improved lead phosphate technique for the demonstration of non-specific and phosphatase in non-deparafinized organ and tissue sections. Histochemie., 3: 52-57.

Ryvkina, D.E. 1940. Der Gehalt an Reduzierten Stoffen inden Geweben der Regeneration. Proc. Acad. Sci. (U.S.S.R.) 27:380-384.

Saev, G.K. 1963. Some concepts of the intracellular functions of alkaline phosphatase, based on investigations of the mechanism of their action. Enzymologia , 26:169-175.

Sawyer, C.W. 1955. Further experiments on cholinesterase and reflex activity in Ambystoma larvae. J. Exp. Zool. , 129: 561-578.

Schauble, J.F., Chen, R., Postlethwaite, R.W. and Dillon, M.L. 1960. Surg. Gynecol. Obstet. , 110:314. (cited from B.S. Gould, 1963).

Schmidt, A.J. 1960. Preblastemic changes of intramuscular glycogen in forelimb regeneration of the adult newt, Triturus viridescens. J. Exp. Zool. , 145:43-48.

Schmidt, A.J. 1962a. Distribution of polysaccharides in the regenerating forelimb of the adult newt, Diemictylus viridescens (Triturus viridescens). J. Exp. Zool. , 149: 171-191.

Schmidt, A.J. 1962c. The basement membrane of the epidermis of adult newt, Diemictylus viridescens. The collagen nature of the fibres of the adepidermal reticulum. Acta. Anat., 50:170-185.

Schmidt, A.J. 1963a. The localization of acid phosphatase in the limb tissues of adult newt, Diemictylus viridescens. J. Exp. Zool., 152: 91-100.

Schmidt, A.J. 1966. The molecular basis of regeneration: Enzymes: Illinois monographs in medical sciences, Vol.VI, no.4, University of Illinois Press, Urbana and London, 1966.

Schmidt, A.J. 1966a. The sudanophilic lipid of normal and regenerating limb tissues of the adult newt, Diemictylus viridescens. J. Morph., 118: 57-78.

Schmidt, A.J. 1966b. Lipid of normal and regenerating tissues of the adult newt, Diemictylus viridescens. Acidic, and non-acidic lipids, phospholipids and cholesterol. J. Morph., 118:353-366.

Schmidt, A.J. 1968. Cellular biology of vertebrate regeneration and repair. Chicago: Univ. Chicago Press.

Schmidt, A.J., and Norman, W. 1965. The distribution of esterase in the regenerating and non-regenerating tissues of the adult newt, forelimb. Anat. Rec., 151:474-475.

- Schmidt, A.J., and Weary, M. 1962. The distribution of alkaline phosphatase in the regenerating forelimb of the adult newt, Diemictylus viridescens (Triturus viridescens). J. Exp. Zool., 150:69-81.
- Schmidt, A.J. and Weary, M. 1963. The localization of acid phosphatase in the regenerating forelimb of the adult newt, Diemictylus viridescens. J. Exp. Zool., 152:101-114.
- Schmidt, A.J. and Weidman, T. 1964. Dehydrogenases and aldolase in the regenerating forelimb of the adult newt, Diemictylus viridescens. J. Exp. Zool., 155:303-316.
- Schmidt, R., Robbins, P.W., and Traut, R.R. 1959. Glycogen synthesis in muscle lacking in phosphorylase. Proc. Nat. Acad. Sci. Wash., 45:1236-1240.
- Schotté, O.E. 1926. Nouvelles preuves physiologiques de l'action du système nerveux sympathique dans la régénération. C.R. Séances Soc. Physique et d'Hist. Nat., Geneva., 43:140-142.
- Schotté, O.E. 1939. The origin and morphogenetic potencies of regenerates. Growth., (Suppl. 1):59-76.
- Schotté, O.E., and Butler, E.G. 1944. Phases in regeneration of the urodele limb and their dependence upon the nervous system. J. Exp. Zool., 97:95-121.

Seifter, S., Seymour, D., Novic. B., and Muntwyler, E. 1950.

The estimation of glycogen with the Anthrone reagent.

Arch. Biochem., 25:191.

Shah, R.V., and Chakko, T.V. 1966a. Histochemical localization of acid phosphatase in the adult normal and regenerating tail of Hemidactylus flaviviridis. J. Anim. Morphol. Physiol., 13:169-188.

Shah, R.V. and Chakko, T.V. 1966b. Mitochondrial localization of alkaline phosphatase in the adult and regenerating lizard muscle, Hemidactylus flaviviridis. Short communication and priliminary notes: J. Anim.Morphol. Physiol., 13:206-209.

Shah, R.V., and Chakko, T.V. 1967a. Histochemical localization of alkaline phosphatase in the adult normal (non-amputated) and regenerating tail of the house lizard, Hemidactylus flaviviridis. J. Anim. Morphol. Physiol., 14: 69-88.

Shah, R.V., and Chakko, T.V. 1967b. Histochemical localization of glycogen and phosphorylase in the normal and regenerating tail of Hemidactylus flaviviridis. J.Anim. Morphol. Physiol. 14:257-264.

Shah, R.V., and Chakko,T.V. 1968. Histological observations on the normal and regenerating tail of the house lizard, Hemidactylus flaviviridis. J.Anim.Morphol.Physiol. 15: 26-39.

Shah, R.V., and Chakko, T.V. 1969. Histochemical localization of succinic dehydrogenase (SDH) in the normal and regenerating tail of the house lizard, Hemidactylus flaviviridis. J. Anim. Morphol. Physiol. 16:89-96.

Shah, R.V., and Chakko, T.V. 1971. Histochemical localization of cholinesterase in the normal and regenerating tail of the house lizard, Hemidactylus flaviviridis. J. Anim. Morphol. Physiol., 18: 2,158-163.

Shah, R.V., and Chakko, T.V. 1972. Histochemical localization of nucleic acids in the normal and regenerating tail of the house lizard, Hemidactylus flaviviridis. J. Anim. Morphol. Physiol., 19:1,28-33.

Shah, R.V., Hiradhar, P.K. and Magon, D.K. 1971. Ascorbic acid in the normal and regenerating tail of the house lizard, Hemidactylus flaviviridis. J. Embryol. Exp. Morph., 26:285-293.

Shah, R.V., and Magon, D.K. 1969. Histochemical demonstration of α -Glycerophosphate dehydrogenase (α GPDH) in the normal and regenerating tail of the house lizard, Hemidactylus flaviviridis. J. Anim. Morph. Physiol., 16: No.1. 97-105.

Shah, R.V., and Ramachandran, A.V. 1970. Lactate and Malate dehydrogenases (LDH and MDH) in the regenerating tail of the lizard, Mabuya carinata. Acta. Histochem. Cytochem., 3:152-159.

Shah, R.V., and Ramachandran, A.V. 1972. Aldolase activity in the normal and regenerating tail of the Scincid lizard, Mabuya carinata. J. Anim. Morphol. Physiol., 19: No.1, 43-49.

Simpson, S.B.Jr., 1964. Analysis of tail regeneration in the lizard, Lygosoma laterale. I. Initiation of regeneration and cartilage differentiation; the role of ependyma. J. Morph. 114:425-436.

Simpson, S.B. Jr., 1965. Regeneration of the lizard tail. In: "Regeneration in animals and related problems", ed. V. Kiortsis and H.A.L. Trampusch, pp. 431-443. Amsterdam: North-Holland.

Singer, M. 1946. The nervous systems and regeneration of the forelimb of adult Triturus. IV. The stimulating action of a regenerated motor supply. J. Exp. Zool., 101:221-239.

Singer, M. 1947. The nervous system and regeneration of the forelimb of adult Triturus. VII. The relation between number of nerve fibres and surface area of amputation. J. Exp. Zool., 104:251-265.

Singer, M. 1962. The influence of the nerve in regeneration of the amphibian extremity. Quart. Rev. Biol., 27: 169-200.

Singer, M. 1959. The acetylcholine content of the normal forelimb regenerate of the adult newt, Triturus. Dev. Biol., 1:603-620.

Singer, M., Davis, M.H., and Scheuingm, M.R. 1960. The influence of atropine and other neuropharmacological substances on regeneration of the fore limb in the adult urodele, Triturus. J. Exp. Zool., 143:33-45.

Singer, M. and Salpeter, M.M. 1961. Regeneration in vertebrates: The role of the wound epithelium: In "Growth in living systems", ed. M.X. Zarow, pp.277-311. New York: Basic Books.

Siperstein, M.D. 1958. Glycolytic pathways: their relation to the synthesis of cholesterol and fatty acids. Diabetes., 7:181.

Slotopolsky, B. 1922. Beitrage zur kenntnis der Verstummelungs- und Regenerations vorgange am Lacertilier Schwanze. Zool. Jb. Anat., 43:219-322.

Spallanzani, L. 1768. Prodromo da un Opera da imprimersi Sopra le Riproduzioni Animali. Modena. (Maty,M.(Trans) 1769). An essay on animal reproduction. London: T. Becket.

Spiegelman, S., and Kamen, M.D. 1946. Genes and nucleoproteins in the synthesis of enzymes. Science, 104:581-584.

Taban, C. 1955. Quelques problemes de regeneration chez les Hrudeles. Rev. Suisse. Zool., 62:387-468.

Taguchi, S., Kobayashi, H., and Maruyama, K. 1956. Phosphatase activity of the skin of Toad and its Tadpole. Ann. Zool. Jap., 29:181-186.

Takeuchi, T., and Hideo Kuriaki. 1955. Histochemical detection of phosphorylase in animal tissues. J. Histochem. Cytochem., 3:153-160.

Tsanev, R. 1951. Recherches Sur le role biologique des acides nucleiques. Bull. Inst. Biol. Acad. Bulg. Sci., 2:213-256. In:regeneration and wound healing. pp.55-73. Budapest: Akademiai. Kiado. 1964.

Vallyathan, N.V., and George, J.C. 1965. Histochemical demonstration of acid and alkaline phosphatase activity in the red and white fibres of the pigeon pectoralis. J. Anim. Morphol. Physiol., 12:100-103.

Van Stone, J.M. 1955. The relationship between innervation and regenerative capacity in hind limbs of Rana sylvatica. J. Morph., 97:345-391.

Van Stone, J.M. 1957. Regeneration of the anuran hind limb following amputation at the pelvic level. J. Exp. Zool., 134:327-341.

- Van Stone, J.M. 1964. The relationship of nerve number to regenerative capacity in hind limbs of Rana synvatica. J. Exp. Zool., 155:293-302.
- Verga, E., Kover, A., Kovacs, R., and Betenyl, E. 1957. Changes in the acetylcholine sensitivity in cholinesterase activity of skeletal muscles in the course of ontogenesis. Acta. Physiol. Acad. Sci. Hung., 11: 243-251.
- Vorbrodt, A. 1958. Histochemically demonstrable phosphatases and protein synthesis. Exp. Cell. Res., 15: 1-20.
- Washburn, W.W. 1954. Comparative histochemical observations on wound healing in adult rats and cultured adult human epithelium. I. Methods and glycogen distribution. J. Invest. Dermat. 23:97-112.
- Weber, R., and Niehus, B. 1961. The acid phosphatase activity in the tail of Xenopus larvae during growth and metamorphosis. Helv. Physiol. Acta., 19:103-117.
- Wolf, A., Kabat, E.A., and Newman, W. 1943. Histochemical studies on tissue. Enzymes. III. A study of the distribution of acid phosphatases with special reference to the nervous system. Am. Jour. Path., 19: 423-439.

Wolfe, H.J., and Cohen, R.B. 1963. Histochemical studies on regenerating urodele limb. I. Oxidative and glycogenic enzymes. Develop. Biol., 8: 48-66.

Woodland, W.N. 1920. Some observations on caudal anatomy and regeneration in the Gecko (Hemidactylus flaviviridis, Ruppel) with notes on the tail of Sphenodon and phygopus. Quart. J. Micro. Sci., 65: 63-100.

Yakovleva, T.M. 1943a. Cell changes in connective tissue during regeneration. I. Proc. Acad. Sci. (U.S.S.R.), 41: 222-224.

Yakovleva, T.M. 1943b. Cell changes in connective tissue during regeneration. II. Proc. Acad. Sci. (U.S.S.R.), 41: 264-267.

Zamanskii, L.N. and Lopushanskii, A.E. 1955. Ukrain. Biochim. Zbir., 27: 25. (cited from B.S. Gould, 1963).