

REFERENCES

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- Abaziad, A.A. (1990):** Efficiency of some common used rodenticides and some new alternative against rodents in Qena Governorate M. Sc. Thesis, Fac. Agric., Assiut Univ. pp. 93.
- Abd El-Galil, Y.M.A. (2005):** Comparative studies on rodenticides against some rodent. Fac. Agric. Sci. EL-Azhar Univ., 97-102.
- Abdel Halim, M.E.; El- Shafey, A.A. and Seliem, M.M. (1995):** Some biochemical studies on the rodenticide zinc phosphide. Zagazig J. Pharm. Sci., 4(1): 109-116.
- Abdel-Halim, M.E.; El- Shafey, A.A.; Seliem, M.M.E. and Awad, A. M. (1996):** Some biophysiological effect of a rodenticide on rat. The 1st Conf. on the role of Science in the Development of Egyptian Society and Environment, Fac. Sci., Zagazig Univ., Benha Branch, (Abstract) p. 24.
- Abdel-Raheem, K.H.; El-Elaimy, M.; El-Mossallamy, N. and El-Mahrouky, F. (1986a):** Induced toxicity of anticoagulant rodenticides. III-haematological changes induced by Brodifacoum and Diphacinone. Proc. Zool. Soc., A.R. Egypt, 10: 9-20.
- Abdel-Raheem, K.H.; El-Elaimy, M.; El-Mossallamy, N. and El-Mahrouky, F. (1986b):** Induced toxicity of anticoagulant rodenticides; II. Changes in the lipid metabolism induced in rats. Proc. Zool. Soc., A.R. Egypt, 10: 21-29.
- Abdel-Raheem, K.H.; El-Elaimy, M.; El-Mossallamy, N. and El-Mahrouky, F. (1986c):** Induced toxicity of anticoagulant rodenticides; V Enzymic changes in rats treated with Brodifacoum. Proc. Zool. Soc., A.R. Egypt, 10: 31-41.
- Abdel-Raheem, K.H.; El-Elaimy, M.; El-Mossallamy, N. and El-Mahrouky, F. (1986d):** Induced toxicity of anticoagulant

- rodenticides; I. changes in the metabolic activity in rats intoxicated by Warfarin and Racumin. Bull. Fac. Sci., Cairo Univ., pp. 317-339.
- Abdel-Raheem, E.A.; Siad, H. K. And EL-Halwashy, N. (1997):** Sub-chronic adverse effect of Parathion on male albino rat (*Rattus norvegicus*). Egypt. J. Agric. Res., 75 (1): 69-81.
- Abou El-Khear, R.K.M. (1988):** Toxicological studies of some pesticides efficacy and biochemical effects of some anticoagulant rodenticides. M.Sc. Thesis, Dept. Plant Prot., Fac. Agric., Alex. Univ., Egypt.
- Abou EL-Khear, R.K.M. (1993):** Field and laboratory studies on the second generation of anticoagulant rodenticides. Ph.D. Thesis Fac. Agric. Alex. University. Egypt.
- Adams, R.; Briegel, R.; Thomposon, M. and Sammels, (2000):** Metabolic hormones and tissues concentrations of mRNA for IGF-1 in lines of sheep that differ in their protein synthesis response to food intake. J. Endocr., 167: 315-320.
- Ahmed, A.; El-Maroway, F.; El Deeb, H. and El-Halwagy, M. (1997):** Biochemical change induced by calciferol rodenticides in albino Norway *R. norvegicus*. II Alkaline phosphatase and transaminases change in serum. J. Egypt Ger. Soc. Zool., 24:205-215.
- Akerboon, P.T. and Sies, H. (1981):** Assay of glutathione, glutathione disulfide, and glutathione mixed disulfides in biological samples. In Methods in Enzymology (Jakopy, B. W., ed) Academic press, Inc., 77: pp. 373-382.
- Aly, A.M. (2000):** Comparative studies on rodenticide (Zinc phosphide). M.Sc. Thesis Agric. Zoology, Fac. Agric., Al-Azhar University.

- Ashry, M.A.; Mohamed, A.M. and El-dayem, S.M. (1987):** Effect of Rodenticide Warfarin on plasma insulin and histology of pancreases in albino rats. Proc. Zool. Soc. A.R.Egypt, 12:10-21.
- Atanasov, K. (1968):** On the coagluogram in patients with diabetes. Folia. Med., 332-337.
- Atherton, J.C. (2006):** Acid-base balance maintenance of plasma pH. Anaesthesia and Intensive Care Medicine, 7:11.
- Awad, A.M. (1998):** Some biophysiological effect of bromadilone on abino rat. Ph. D. Zool. Soc., Zagazig Univ.
- Azab A.A. (2006).** Physiological changes induced by propoxur administration to pigeon. M.Sc., Benha Univ. Fac. Sci. p.p. 97-110.
- Bait, K.M.; Krishnakumari, M.K. and Majumder, S.K. (1992):** Single dose toxicity (oral) of chronic rodenticide warfarine in albino rats. Comparative Physiology and Ecology, 17(2): 75-82.
- Banerjee, R.N.; Kumar, V. and Sahni, A.L. (1972):** Plasma fibrinogen in *Diabetes mellitus* and artherosclerosis. Indian J. Med. Res., 60:1432-1442.
- Barawill, C.J. and David, M.M. (1949):** Total protein was determined spectrophotometrically. J. Biol. Chem., 177:751.
- Baumler, V.W. and Asran, A.A. (1987):** Susceptibility of house mice (*Mus musculus*) of different origin to anticoagulants. Anz. Schadling Skde Pflanzenschutz, 60: 1-6.
- Bell, R.G. and Stark, P. (1976):** Inhibition of prothrombin synthesis and epoxidation of vitamin K1 by anticoagulants *in vitro*. Biochem. & Biophys. Res. Com., 72:619-925.
- Beytut, E.; Erisir, M.; and Aksakal, M. (2003):** Effects of additional vitamin E and selenium supply on antioxidative defence mechanisms

- in the kidney of rats treated high dose of glucocorticoid. *Cell Biochem. Funct.*, 10: 1027:1053.
- Boxter, J.B.; Blalock, J.E. and Weigent, D.A. (1992):** Characterization of immunoreactive insulin like growth factor-1 from leukocytes and its regulation by growth hormone. *Endocrinology*, 129:172.
- Boyle, C.M. (1960):** Case of apparent resistance of *Rattus norvegicus* Berkenhout to anticoagulant poisons. *Nature*, 188:517
- Britton, C.J. (1963):** Disorders of the blood. Text blood, 9th ed., J. A. Churchill, LTD, London, W. I. p.
- Cherniack, R.M. and Cherniack, L. (1983):** Respiration in health and diseases. 3rd ed. W. B. Saunders Co., Philadelphia, London, Toronto, Mexico City, Rio de Janeiro, Sydney. Tokyo.
- Chevani, S.; Andial, T. and Banke, K. (1992):** Free radical reactions and cancer. *Vopr. Med. Khim.*, 38:4-5.
- Clinton, J.M. (1969).** Rats in urban America publ. Hlth Rep., Wash., 84(1):1-7.
- Cracium. A.M.; Groenen, M.M.; Thi, H.H.; Vermeer, C. (1998):** induction of prothrombin synthesis by K-vitamins compared in vitamin K-deficient and in brodifacoum-treated rats- *Biochemica. Et. Biophysica. Acta. General. Subjects.*, 1: 75-81.
- Daughaday W.H. and Rotwein P., (1989):** Insulin like growth factor I and II peptide, messenger ribonucleic acid and gene structures, serum and tissue concentrations. *Endocrine*, 10:68-91.
- Derse, P. (1963):** Anti-K factor in anticoagulant rodenticides. *Soap*, N. Y., 39 (3/4): 82-88.
- Devaskar S.U.; Sadiq, H.F.; Holtzclaw, L. and Gorge, M. (1993):** The developmental pattern of rabbit brain insulin and insulin-like growth factor receptor expression. *Brain Res.*, 605 (1): 101-9.

- Dillio, C.; Saccheta, P.; Iannarelli, C. and Aceto, A. (1995):** Binding of pesticides to alpha, mu and pi class glutathione transferase. *Toxicol. Lett.*, 76: 174-177.
- Duncan, D. (1957):** Multiple range tests for correlated and hetroscedastic means. *Biometric*, 13:164-176.
- Edwards, M.J. and Martin, R. (1966):** Mixing technique for the oxygen-hemoglobin equilibrium and Bohreffed. *J. Appl. Physiol.*, 21 (b): 1898-1902.
- Eissa, S.; Ziada, G.A.; Marie, M.A.S.; El-Shafey, A.A.A and Hasheesh, W.S. (1988b):** Regulation of acid-base status of blood of two rodents in relation to the adaptation to desert habitat. *Proc. Zool. Soc. A. R. Egypt*, 16: 313-324.
- Eissa, S.; Ziada, G.A. Mohamed, H.A.S.; El Shafey, A.A.A. and Hasheesh, W.S. (1988a):** factors affecting oxygen loading of blood of two Egyptian rodents inhabiting different habitats. *Proc. Zool. Soc. A. R. Egypt*, 16: 301-312.
- EL- Deeb, H.I. and Lokma, H.E. (1992):** Laboratory trials of some anticoagulant rodenticides against the black rat, *Rattus rattus* and Norway rat, *Rattus norvegicus*. *Egypt. J. Agric. Res.*, 70(2): 469-474.
- EL-Deeb, H.I. ; Abd- Gawad A.M.; Essa N.H. and Khader F.K. (1994):** Effect of cyanox and lebaycide compound on reproduction of house sparrow (*Passer domesticus niloticus*) and pigeon (*Columba livlia domesticus*). *J. Egypt Ger. Soc. Zool.*, 15 (A). 13- 20.
- El-Essely, E.A. (2002):** Chemosterilant effect of some rodenticides on albino rat. M.Sc. Thesis, Fac. Sci. Zagazig Univ., 140pp.
- El-Garawany, A.A.; Samaan, H.A. and Sadek, M. (1990):** Comparative hepatorenal toxicity of some commonly used chemical environmental pollutants. *Egyptian J. of Pharm. Sci.*, 31(1-4):331-336.

- El-Gendy, K.S. (1991):** Toxicological studies with the anticoagulant brodifacoum and difenacoum on mice J. Pest Control and Environ. Sci., 3 (2): 13-29.
- El-Halwagy, M.E. (1995):** The effect of certain rodenticides on biochemical response of albino rat *Rattus norvegicus*. M.Sc. Thesis Dept. of Chemistry , Fac. Sci., Cairo Univ.
- El-Mahrouky, F.S.M. (1984):** Physiological studies on the response of rodents to some rodenticides. M.Sc. Thesis Fac. Sci. Menofia Univ. Egypt.
- El-Mahrouky, F.S. (2002):** Toxic effect of herbicide "Machete" on the hematological picture and splenic tissue in rats. J. Agric. Sci. Mansoura Univ., 27 (10): 7033-7033.
- El-Mahrouky, F.S.; Khider F.K.; Abdel-All, S.M. and Zedan, H.A. (2003):** Hostopathological effect of herbicide (Machete) on the kidney of albino rat. J. Agric. Sci. Mansoura Univ., 28 (6) :5046-5051.
- El-Shafey, A.M. (1998):** Effect of ammonia on respiratory function of blood of *Tilapia zilli*. Comp. Biochem. Physiol., 121(A): 291-302.
- El-Shafey, A.A.M. (1990):** The effect of reserpine on respiratory function of the blood of the Nile grass rat; *Arvicanthis niloticus*. Proc: Zool. - A.R.Egypt, 21: 345-360.
- El-Shafey, A.M. (1994):** Effect of paraziquantal on the blood gases and oxygen equilibrium curve of the rat. J. Egypt. Ger. Soc. Zool., 13 (A) 223-236.
- El-Shafey, A.A.M. and Ezzat, M.M. (1994):** Effect of paraziquantel on the acid-base status of blood of the rat. Bull. Fac. Pharm. Cairo Univ., 32 (1): 127-132.

- El-Shafey, A.A.M.; Seliem, M.M.E.; Abdel- Halim, M.E. and Awad, A.M. (2000):** Effect of bromadiolone on some blood parameters and respiratory functions in the albino rat. *Egypt. J. Zool.*, 35:385-400.
- El-Shafey, A.A.M. and Seliem, M.M.E. (2002):** Effect of carbosulfan on blood gases and Acid status of albino rat. *Bull. Fac. Sci., Zagazig Univ.*, 24(1):291-302,
- EL- Wakeel, A.E.M. (2000):** Comparative studies for the control of rats and mice. M. Sc. Thesis, Fac. Agric., Al-Azhar Univ., pp. 90.
- Fasco, M.J.; Principe, L.M.; Walsh, W.A. and Friedman, P.A. (1983a):** Warfarin inhibition of vitamin K-2,3-epoxide reductase in rat liver microsome. *Biochemistry*, 22: 5655-5660.
- Fasco, M.J.; Preusch, P.C.; Hildeberandt, E.F. and Suttie, J.W. (1983b):** Formation of hydroxyl-vitamin K by vitamin K epoxid reduction of warfarin resistant rat. *J. Biol. Chem.*, 258: 4372-4380.
- Faure, P.; Lafond, J.L.; Richard, M.J.; Favier, A. and Halimi, S. (1997):** Vitamin E improves the free radical defence system potential and insulin sensitivity of rats fed high fructose diets. *J. Nutr.*, 127: 103-107.
- Froesch E.R. and Zanf, J., (1985):** Insulin like growth factor and insulin comparative aspects. *Diabetologia*, 28: 485-93
- Fung, L.W.M. and Zhang, Y.A. (1990):** A method to evaluate the antioxidants system for radicals in erythrocyte memberan. *Free Radical Biol. Med.*, 9: 289-298.
- Furie, B. (2002):** Oral anticoagulant theraby. In: Hoffiman, R., Benz, E. j., Shatill, S. J., Furie, B., Cohen, J. H., Silberstein, L. E., McGlave, P. (Eds.), science company Churchill Livingstone, pp. 2040-2046.

- Garcina, M.V.; Lopez-Media Villa, C.; Juanes dela Pena, M.C. and Media, J.M. (2003):** Tolerance of neonatal rat brain to acute hyperammonemia. *Brain Res.*, 973:31-38.
- Gray. L.H. and Steadman, J.M. (1964):** Determination of oxyhemolglobin dissociation curves for mouse and rat blood. *J. Physiol.*, 175: 161-171.
- Greaves, J.H. and Ayres, P. (1973):** Warfarin resistance and vitamin K requirement in the rat. *Lab Anim* 7: 141- 148.
- Grossman C.P.; Suttie, J.W.; Taguchi, T.; Suda, Y. and Kobayash, Y. (1988):** Synthesis of trifluoromethyl analogs of vitamin K as substrates for the liver microsomal vitamin K-dependent carboxylase. *Biofactors*, 1: 255-259.
- Gupta, J.; Datta Sarker C. and Sengupta, D.A. (1992):** Effect of malathion on antioxidant defence system in human fetus- an in vitro study. *Indian J. Exp. Biol.*, 30 (4): 352-354.
- Habig, H.W.; Micheal, J. P. and William, B.J. (1974):** Glutathione-s-transferase, the first enzymatic step in mercapturic acid formation. *J. Biological Chem.*, 25: 7130-7139.
- Hagan, E.C. and Radomski J.L. (1953):** The toxicity of 3-(acetonlybenzy-4-hydroxy-comarin) (warfarin) to laboratory animals. *J. AM. Pharm. Ass.*, 42 (6): 379-382.
- Harper, A.H.; Rodwell, V.W. and Mayes, P.A. (1979):** Review of physiological chemistry. 17th ed., 702 pp. Lange Medical Publications, Los Altos, California, USA.
- Heibashy, M.I.A.; Badie-Bakshwan, S.A. and Hasanen, M.S. (2001):** The protective role of antioxidants against some age associated physiological perturbation in aging albino rats. *J. Egypt Ger. Soc.Zool.*, 35(A):77-90.

- Herrler, A. and Beier, H.M. (1996):** Members of the insulin family possible act as survival factors on preimplantation embryos: Assessment of cell proliferation (MIB I) and apoptosis (TUNEL). J. Reprod. Fertil. Abstr Ser, 17: 7 abstr.
- Herrler, A. and Beier, H.M. (1997):** Influence of IGF-1 on blastocyst formation in the rabbit. J. Reprod. Fertil. Abstr Ser., 13: 1 abstr.
- Horn, H.J. (1956):** Simplified LD50 (or ED50) calculation. Biometrics, 12:311-322.
- Huat, K.; Hodgkinson, C. and Bass, J. (1995):** Differential regulation of plasma levels of IGF-1 and II by nutrition, age and GH treatment in sheep. J. Endocr., 147:507-516.
- Ibrahim, I.K.(1995):** Studies on the toxicity effect of some substances on rodents in Egypt. M. Sc. Thesis Fac. Agric. Al-Azhar Univ.
- Jeffrey, N. Weitzel; James A.S.; Furie B.C.; Moroosse R.; Hugh Kim; Micheal E.M.; Michael J.M. and Furie B. (1990):** Surreptitious ingestion of long-Acting vitamin K antagonist Rodenticide, Brodifacoun: Clinical and metabolic studies of three cases. Blood, 76(12): 2555-2559.
- Johnson, R.A. and Scotte (1986):** Flocoumafen a new second generation anticoagulant rodenticide Proc. 7th British Pest Control Conf. pp. 20-26.
- Jousan, F.D. and Hansen, P.J. (2004):** Insulin like growth factor-1 as a survival factor for the bovine preimplantation embryo exposed to heat shock. Biology of Reproduction, 71, 1665-70.
- Kaczanowska, E.; Gromysz, K.K; and Szubartowska, E. (1987):** Changes in the blood and the bone marrow picture of pharaoh quail, *Coturnix coturnix pharaoh* chick as a manifestation of adaptation to postembryonal life. Comp. Biochem. Physiol., 87 A(2): 497-502.

- Kandil, M.A.; Abd Allah, M.D.; El-Deeb, H.I. and Gabr W. M. (1991):** Evaluation of different methods of anticoagulant rodenticide application. Fourth Arab congress of plant protection, Cairo, 1-5 Dec. 1991. pp. 501-506.
- Kandil, M.A., Sayed M.A. and Said, H.K. (1995):** Biochemical fingerprints of the commensal rodents in Egypt and their susceptibility to Warfarin. 3rd cong. Toxicology. Dev. Count., Cairo, 19- 23 Nov. III, 27-38.
- Kaushal, M. and Gupta, P.K. (1977):** Endrin intoxication in normal and irradiated rats II lipid phospholipids and cholesterol control. Bull. Environm Contam. and Toxicol., 18: 355-360.
- Kosstelecka, M.A. (1987):** Respiratory functions of a unit of blood volume in the little auk; *plautus alle* and the arctic tern, *Sterna baradisaea*. Comp. Biochem. Physiol., 86A (1): 117-120.
- Krapp, M.A. and Chatton, M.J. (1975):** Current medical diagnosis and treatment. Longer Medical Publications, Los Altos, California.
- Lind, C.W.; Gronwal, R.R. and Cornelius, C.E. (1967):** Bile pigments in the chicken. Res. Vet. Sci., 8: 280-282.
- Linman, J.W. (1975):** Haematology, physiology, pathophysiologic and clinical principles. Macmillan publish company, Inc., New York, p 119.
- MacNicoll, A.D. (1985):** Biochemical mechanisms of warfarin resistance in the house mouse, pesticide. Science, 43 (1): 57-59.
- Mahboob, M. and Siddiqu, M.K. (2001):** Alterations in hepatic detoxifying enzymes induced by new organophosphorus insecticides following sub chronic exposure in rats. J. Appl. Toxicol., 21 (6): 501-515.
- Maral, J.K.P. and Michelson, A.M. (1977):** Comparative study of superoxide dismutase, catalase and glutathione peroxidase levels in erythrocytes

- of different animals. *Biochem. and Biophys. Res. Commu.*, 77 (4): 1525-1535.
- Meehan, A.P. (1984):** Rats and mice, their biology and control, rentokil Ltd. Flecourt, East Grain Stead, W. Sussex RH. 192 J. Y. London U. K. pp. 383.
- Meistar, A. (1995):** In "Metabolic pathways" (D. M. Greenberg, ed), 3rd ed., p.p 101-188. Academic Press, New York.
- Milena, K.; Prokic, V.; Vsik, D.K.; Zolotarevski, L. and Majstorovic, I. (2005):** Dermato toxicity of epicutaneously applied anticoagulant warfarine. *J. Toxicol.*, 212: 206-218.
- Morrison, J.T.; Colvin, H.W., Jr.; Skaife, D.D. and March, R.E. (1969):** Effect of bihydroxy coumarin and diet on blood coagulation in ground squirrels *Amer. J. Physiol.*, 216-429.
- Mourad, A.A. (1997):** Ecological, biological and toxicological studies on rodent species at the newly reclaimed lands. M.Sc. Thesis, Fac. Agric., Ain Shams Univ., pp. 170
- Moussa, B.R. (2005):** Biological and Toxicological studies on some Rodents. M.Sc. Thesis, Fac. of Agric., Zagazig University pp. 43.
- Muktha B.K.; Krishnakumari, M.K.; Ramesh, H.K.; Shivanandappa, T. and Majumder, S.K. (1980):** *Indian J. Exp. Biol.*, 18: 854-857.
- Nakatita, H. (1976):** The inhibitory site of phosphine. *J. of Stored P cts Res.*, 10 : 87-92.
- Nakano, T.; Kawamoto, K.; Kishino, J.; Nomura, K.; Higashino, K. and Arita, H. (1997):** Requirement of gamma-carboxyglutamic acid residues for the biological activity of Gas6, contribution of endogenous Gas6 to proliferation of vascular smooth cells. *Bichem. J.*, 323: 387-392.

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- Nelson, J.A., Magnuson, J.J. and Chlaksem, W. (1988):** Blood oxygen capacity differences in yellow Perca flarescens from northern Wisconsin lake USA differing in pH. Can. J. Fish. Aquat. Sci., 45(10): 763-769.
- Olson, E.B., JR. and Dmpsey, J.A. (1978):** Rat as model for human like ventilatory adaptation to chronic hypoxia. J. Appl. Physiol., 44. (5): 763-769.
- Oser, B.L. (1979):** Hawk's physiological chemistry. 14th. Ed. Total Mc-Graw-Hill Publ. Comp. LTD. New Delhi, pp. 1167.
- Othman, T. and Arowolo, R.O.A. (1998):** Effects of incremental doses of chloroquine phosphate on the forced elements of blood. Tropical Medic. Nagasaki, 40(1): 1-7.
- Ozturk- Urek, R.; Bozkaya, L.A. and Tarhan, L. (2001):** The effect of some antioxidant vitamin and trace element supplemented diets on activities of SOD,CAT, GSH-px and LPO levels in chicken tissues. Cell Biochem. Funct., 19: 125-132.
- Park, K.B. and Leck, J.B. (1982):** A comparison of vitamin K antagonism by warfarin, Difenacoum and brodifacoum in the rabbit. Biochem. Pharmacol., 31: 3635-3639.
- Pell, J.; Saunders, C. and Gilmour, S. (1993):** Differential regulation of transcription initiation from IGF-1 leaders exons and tissue IGF-1 expression in response to changed GH and nutritional status in sheep. Endocr., 132: 1797-1807.
- Peter, A.M. (1981):** II. Metabolism of lipids: in the harper's review of biochemistry, 18th Edition; David, W.M.; Peter, A.M. and Victor, W.R. (editors).Larage Medical Publication, Los Altos, California.

- Ponting, J.D. and Joslyn, M.A. (1948):** Ascorbic acid oxidation and browning in apple tissue extracts. *Arsh. Biochem.*, pp. 19-47 porpova, M. p. and Nauch, M. R. (1955): thru chem.. Abst., 55, 22642e.
- Prakasam, A.; Sethupathy S. and lalitha, K. (2001):** Plasma and RBCs antioxidant status in occupational male pesticides sprayers. *Clin. Chim. Acta.*, 310(2): 107-112.
- Price, N.R. (1980):** The effect of phosphine on respiration and mitochondrial oxidation in susceptible and resistant strains of *Rhyzopertha dominica*. *Insect Biochem.*, 10: 147-150.
- Reitman, S. and Frankel, S. (1957):** A colorimetric method for determination of serum ALT and AST. *Am. J. Clin. Pathol.*, 28: 56-63.
- Rentokil, L.T.D. (1983):** Unpublished Technical Committee Reports.
- Rosenfeld R.G.; Wilson D.M.; Lee P.D.K. and Hintz R.L. (1986):** Insulin like growth factors I and II in evaluation of growth retardation. *J. Pediatr.*, 109: 428-437.
- Rowe, F.P.; Smith, F.J. and Swinny J. (1974):** Field trials of calciferol combined with warfarin against wild house –Mice, *Mus masscults*. *J. HYG. Comb.*, 73 (2) : 353- 360.
- Rowe, P.P. and Rdfern, R. (1964):** Toxicity of 0.025% warfarin to wild house mice (*Mus musculus*). *J. Hyg. Comb.*, 62,389.
- Rowe, P.P. and Rdfern, R. (1965):** Toxicity tests on suspected warfarin resistant house mice (*Mus musculus*). *J. HYG. Comb.*, 63, 417.
- Sandowski, J.W. and Sutti J.W. (1974):** Mechanism of action of Coumarins. Significance of vitamin K epoxide. *J. Mol. Biol.*, 13 (18): 3696- 3699.
- Schalm, O.W.; Jaim, M.C. and Carrol, E.J. (1975):** Veterinary haematology 3rd ed., Lan and Febiger, Philadelphia, U.S.A.
- Schilling, W.H.; Crampton, R.T. and Longland, R.C. (1969):** Metabolism of coumarin in man. *Nature. London.*, 221, 664.

- Shooba, K.M.I. (2003):** Toxicological studies of chlorophacinone and difacoum as anticoagulant rodenticides in male albino rat *Rattus norvegicus*. Ph. D. Thesis, Fac. Agric. Cairo. Univ. Egypt. pp. 89.
- Sinet, M.; Muffat, J.M.; Henxel, D.; Renault, G. and Pocidalo, J.J. (1984):** Performance of hypothermic isolated rat heart at various levels of blood acid-base status. *J. Appl. Physio.*, 56 (6): 1526-1532.
- Suttie, J. W. (1980):** Vitamin K metabolism and vitamin K depended protein, University park press, Baltimore. *Biochem.*, 8:191-223.
- Svendsen, P.; Ainsoworth, M. and Carter, A. (1990):** Acid Base Status cardio vascular function in pigs anaesthetized with alpha chloralose. *Scandinavian Journal of Laboratory Animal Science*, 17: 19-95.
- Thorpe, S. R. and Baynass, J.W. (1999):** Role of oxidative stress in diabetic Complications. *Diabetes.*, 48: 1-9.
- Tina, M.M.; Lund, M.; Barker, A.M. and Suttie, J.W. (1993):** Biochemical Basis of warfarin and bromadiolone resistance in the house mouse *Mus musculus domesticus*. *Bioche. Pharmac.*, 47 (4): 673-678.
- Tishler, M.; Fieser, L.F. and Wendler, N.L. (1940):** *J. Am. Chem. Soc.* 62, 2866-2871. Quoted from: Peter, C.; Preusch, G. Hildebandt, H. and Suttie W.J. (1983): Formation of hydroxyvitamin K by vitamin epoxide reductase of warfarin- resistant rats. *J. Am. Chem. Soc.*, 25 (7) 4372-4380.
- Tribe, R.M.; Palmer, A.M.; Poston, L.; Thomas, C.R.; Gopamer, N.; Dhir, S. and Anggard, E.E. (1998):** Dietary antioxidant supplementation reduces lipid peroxidation but impair vascular function in small mesenteric arteries of the STZ-diabetic rat. *Diabetologia*, 41: 148-156.
- Trinder, P. (1969):** Determination of glucose in blood using glucose oxidase with an alternative oxygen acceptor. *Ann. Clin. Biochem.*, 6:24-25.

- Tsitouras, P.D.; Zhong, Y.G.; Spungen, A.M. and Bauman, W.A. (1995):** Serum testosterone and growth hormone insulin-like growth factor-I in adults with spinal cord injury. *Hormone and Metabolic Research*, 27(6):287-292.
- Van Sumere, C.F. and Teuchy, H. (1971):** The metabolism of (2-C¹⁴) coumarin and (2-C¹⁴) hydroxyl coumarin in rat. *Arch. Physiol. Biochem.*, 79:665.
- Valley, M. and Gerarde, H. (1980):** Colorimetric determination of total and direct bilirubin. *J. Microchem.*, 15:231.
- Warnick, S.L. and Carter, J.E. (1972):** Some finding in study of a workers occupationally exposed to pesticides. *Arch. Environ. Health*, 25:261
- Watts, R.G.; Castelberry R.P. and Sadowski, J.W. (1996):** Accidental poisoning with a super warfarin compound brodifacoum in a child. *Pediatrics*, 89: 883-887.
- Weil, C.S. (1952):** Tables for convenient calculation of median-effective dose (LD₅₀ or ED₅₀) and instructions in their use. *Biometrics*, 8:249-263.
- Weller, J.I. (1994):** Economic aspects of animal breeding. Chapman and Hall. London, 244 pp.
- Wikland. A. And Hall, K. (1987):** Growth hormone treatment in short children: relationship between growth and serum Insulin –like growth factors I and II levels. *J. Clin. Endorinol Metab.*, 65:671.
- Wintrobe, M.M. (1967):** Clinical haematology. 6th ed., Henry Kimplon, London. pp. 32-49
- Yanagita, M.; Ishii, K.; Ozaki, H.; Arai, H.; Nakano, T.; Ohashi, K.; Mizuno, K.; Kita, T. and Doi, T. (1999):** Mechanism of inhibitory effect of warfarin on mesangial cell proliferation. *J. Am. Soc. Nephrol.*, 10: 2503-2509.

- Youssef, H.M.M. (1994):** Studies on anticoagulant rodenticides. Ph. D. Thesis, Fac. Agric. Alex. Univ., pp.173.
- Youssef, A.E.S. (1996):** Ecological, biological, and toxicological studies on rats in stores and shounan. Ph. D. Thesis, Fac. Agric. Menoufiya Univ.
- Yu, Y.T. and Nguyen, S.N. (1996):** Insecticide susceptibility and detoxication enzyme activities in Primethrin-selected diamondback moths. *Pesticide Biochemistry and Physiology*, 56:69 -77.
- Yu, Y.T.; Nguyen, S.N. and Abo-Elgher, G.E. (2003):** Biochemical characteristics of insecticide resistance in all the fall armyworm *Spodoptera furgiperda* (J.E. Simth). *Pest. Bioche. and Physiol.*, 77:1-11.
- Zedan, A.A; Dahroug, S.M. and Husseein, M.I. (1991a):** Effect of sum-alpha, sumicidin and cyanox insecticides to male white albino mice on GOT and GPT. Fourth Arab Congress of plant Protection Cairo, 1-5 Dec.: 845-864.
- Zedan, A.A; Dahroug, S.M. and Husseein, M.I. (1991b):** Effect of sum-alpha, sumicidin and cyanox insecticides to male white albino mice on total protein and total free amino acid, fourth Arab Congress of plant protection Cairo, 1-5 Dec.: 301-305.
- Ziada, R.M. (2002):** Toxicological effect of placental and lactaional transfer of certain pesticides in rats. M.Sc. Agric. Sci., (Pesticides), Cairo Univ., pp. 46-48.
- Zollener, N. and Kirsch, K. (1962):** Determination of lipid (micro method) by means of the sulfophosphovanilin reaction common to many natural lipids (all known plasma lipids). *Z. Ges. Exp. Med.*, 135-545.