



**Akademie für Integrative Medizin,
Zahnmedizin und Bewusstseinstechniken**

Aaseth, J., Friedheim, E. A. H. 1978. Treatment of methyl mercury poisoning in mice with 2,3-dimercapto-succinic acid and other complexing thiols. *Acta Pharmacol. Toxicol.* 42:248-52

Anatovskaya, V. S. 1962. The use of unithiol in the treatment of chronic lead intoxication. *Gig. Tr. Prof. Zabol.* 29:50-56

Ballatori, N., Chlarkson, T. W. 1982. Developmental changes in the biliary excretion of methylmercury and glutathione. *Science* 216:61-63

Casa, J. S., Jones, M. M.:1979. Mercury (II) complexes with sulfhydryl containing chelating agents: stability constant inconsistencies and their resolution. *J. Inorg. Nucl. Chem.* 42:99-102

Gabard, B. 1976. The excretion and distribution of inorganic mercury in the rat as influenced by several chelating agents. *Arch. Toxicol.* 35:15-24

Gabard, B. 1980. Removal of internally deposited gold by 2,3-dimercaptopropane sodium sulphonate (DIMAVAL). *Br. J. Pharmacol.* 68:607-10

Gabard, B., Planas-Bohne, F., Regula, G. 1979: The excretion of trace elements in rat urine after treatment with 2,3-dimercaptopropane sodium sulfonate. *Toxicology*, 12:281-84

Glukharev, A. G. 1965. The effect of unithiol (2,3-dimercaptopropane sodium sulfonate) on the functional capacity of the kidneys. *Farmakol. Toksikol. (Moscow)* 28:87-89

Hauser, W., Weger, n: 1978. Treatment of arsenic poisoning in mice with sodium-dimercapto-1-sulfonate. *Int. Congr. Pharmacol., 7th, Paris (Abstr.)*

Egorova, L. G., Postovskiy, I. Y. 1971. Comparative study of the interaction of spatial isomers of dimercaptosuccinic acid with some metals. *Khim. Farm. Zh.* 5:26-30

Friedheim, E. A. V., DaSilva, J. R., Martins, A. V. 1954. Treatment of schistosomiasis mansoni with antimony a,a'-dimercapto-potassium succinate (TWSb). *Am. J. Trop. Med. Hyg.* 3:714-27

Friedheim, E., Corvi, c. 1975. Mesodimercaptosuccinic acid, a chelating agent for the treatment of mercury poisoning. *J. Pharm. Pharmacol.* 27: 624-26

Friedheim, E., Graziano, J. H., Popovac, D., Dragovic, D., Kaul, B. 1978. Treatment of lead poisoning by 2,3-dimercaptosuccinic acid. *Lancet* 2:1234-36



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Hughes, J. A., Sparber, S. B. 1978. Reduction of methyl mercury concentration in neonatal rat brains after administration of dimercaptosuccinic acid to dams while pregnant. *Res. Commun. Chem. Path. Pharmacol.* 22:357-63

Klimova, L. K. 1958. Pharmacology of a new unithiol antidote. *Farmakol. Toksikol. (Moscow)* 21:53-59

Magos, L. 1976. The effects of dimercaptosuccinic acid on the excretion and distribution of mercury in rats and mice treated with mercuric chloride and methylmercury chloride. *Br. J. Pharmacol.* 56:479-84

Magos, L., Snowden, R. T. 1981. Preference for drinking water containing dimercaptosuccinic acid by rats intoxicated with methylmercury. *Toxicol. Appl. Pharmacol.* 60:557-60

Matsuda, Y. 1968. Experimental study on sodium dimercaptosuccinic acid. *Gifu Daigaku Igakubu Kyo.* 1:869-88

Meister A: Glutathione-ascorbic acid antioxidant system in animals. *J Biol Chem* 1994; 269: 9397-9400.

Scinicz, L., Wiedemann, P., Haring, H., Weger, N. 1982. Effect of repeated treatment of 2,3-dimercapto-propane-1-sulfonate sodium (DMPS) in beagle dogs. *Arzneim. Forsch. Drug Res.* In press

Störtebecker, P.: Mercury Poisoning From dental amalgam, BioProbe, Orlando, FL, 1985, p.45-48

Ting, K. S., Liang, Y. I., Shi, J., Chen, W., Gu, T., et al. 1965. Chelate stability of sodium dimercapto-succinate on the intoxications from many metals. *Chin. Med. J.* 51:304-7

Wang, S. C., Ting, K. S., Wu, C. C. 1965. Chelating therapy with NaDMS in occupational lead and mercury intoxication. *Chin. Med. J.* 84:437-39

Okonoshnikova, I. E., Rozenberg, E. E., Rezina, I. A. 1976. The therapeutic-prophylactic effect of succimer in experimental subacute lead acetate poisoning. *Gig. Tr. Prof. Zabol.* 8:24-28

Petrunkin, V. E. 1959. The synthesis of thiolic compounds as antidotes of arsenic and heavy metals. *Tiulovye Soedinen. V. Med: Ukrain.. Nauch-Issledovatel. Sanit-Khim Inst. Trudy Nauch. Konf. Kiev, 1957, pp. 7-18*



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Petrunkin, V. E. 1959. The synthesis of thiolic compounds as antidotes of arsenic and heavy metals. Tiolovye Soedinen. V. Med: Ukrain.. Nauch-Issledovatel. Sanit-Khim Inst. Trudy Nauch.

Petrunkin, V.E. 1956. Synthesis and properties of dimercapto derivatives of alkylsulfonic acids. 1: Synthesis of sodium 2,3-dimercaptopropylsulfonate (unithiol) and sodium 2-mercaptoethyl-sulfonate. Ukr. Khim. Zh. 22:603-7

Planas-Bohne, F. 1981. The influence of chelating agents on the distribution and biotransformation of methylmercuric chloride in rats. J. Pharmacol. Exp. Ther. 217:500-4

Planas-Bohne, F., Olinger, H. 1981. The interaction of chelating agents with methylmercuric chloride bound to erythrocytes. Biochem. Pharmacol. 30:667-69

Whanger PD: Selenium in the treatment of heavy metal poisoning and chemical carcinogenesis. J Trace Elem Electrolytes Health Dis 6 (1992) 209-221