

200. JERINA, D.M. and DALY, J.W. Arene oxides: a new aspect of drug metabolism. *Science* 15 (1974) 573-582.
201. JERINA, D.M., DALY, J., WITKOP, B., ZALTZMAN-NIRENBERG, P. and UDENFRIEND, S. Role of the arene oxide-oxepin system in the metabolism of aromatic substrates. 1. In vitro conversion of benzene to a premercapturic acid and a dihydrodiol. *Arch. biochem. biophys.* 128 (1968) 176-183.
202. JOHNSON, B.L., SETZER, J.V., LEWIS, T.R. and ANGER, W.K. Effects of methyl n-butyl ketone on behavior and the nervous system. *Am. ind. hyg. assoc. j.* 38 (1977) 567-579.
203. JONEK, J., GRZYBEK, H., KAMINSKI, M. and KOCHANSKA, D. Histochemische Lokalisation verschiedener Enzyme in der Mäuseleber bei akuter Benzolvergiftung. *Int. Arch. Gewerbepath. Gewerbehyg.* 22 (1966) 342-353.
204. JONEK, J. and KAMINSKI, M. Submicroscopic changes in renal cells in subacute benzene poisoning. *Acta med. pol.* 12 (1971) 285-288.
205. JONEK, J., KAMINSKI, M., GRZYBEK, H. and PANZ, B. The influence of subacute benzene intoxication on the submicroscopic structure of liver cells. *Acta med. pol.* 12 (1971) 241-244.
206. JONEK, J., KAMINSKI, M., KARBOWSKI, A. and GRZYBEK, B. Einfluss subacuter Benzolvergiftung auf das Verhalten einiger Enzyme in der Niere von Mäusen. *Int. Arch. Gewerbepath. Gewerbehyg.* 24 (1967) 140-147.
207. JONEK, J., KAMINSKI, M., KONECKI, J. and GRUSZECKA, B. The dynamics of histoenzymatic changes in the kidney in acute poisoning with benzene. *Exp. Pathol.* 11 (1975) 51-61.
208. JONEK, J., KAMINSKI, M., LATKOWSKA, H. and KAMINSKA, O. The dynamics of histochemical changes in the epithelium of the small intestine of mice after experimental intraperitoneal intoxication with benzene. *Acta histochem.* 44 (1972) 15-28.
209. JONEK, J., OLKOWSKI, Z. and ZIELEZNIK, B. Histochemical studies on the spinal chord of mice poisoned with benzene. *Acta histochem.* 20 (1965) 286-296.
210. JONEK, J., SROCZYNSKI, J., KAMINSKI, M. and GRZYBEK, H. Ultrastructure des cellules des tubes rénaux au cours de l'intoxication subaiguë par le benzène. *Arch. mal. prof.* 32 (1971) 517-530.
211. JONES, W.M., MARGOLIS, G. and STEPHEN, C.R. Hepatotoxicity of inhalation anesthetic drugs. *Anesthesiology* 19 (1958) 715-723.
212. JONGEN, W.M.F., ALINK, G.M. and KOEMAN, J.H. Mutagenic effect of dichloromethane on *Salmonella typhimurium*. *Mutat. res.* 56 (1978) 245-248.
213. KAMINSKI, M., KARBOWSKI, A. and JONEK, J. Some histochemical renal changes in mice during acute poisoning with benzene. *Folia histochem. cytochem.* 8 (1970) 63-76.
214. KASPRZAK, K.S. and SUNDERMAN, F.W.Jr. The metabolism of nickel carbonyl-¹⁴C. *Toxicol. appl. pharmacol.* 15 (1969)

215. KAST, A. Ueber die Schicksale einiger organischen Chlorverbindungen im Organismus. *Hoppe Seylers Z. physiol. Chem.* 11 (1887) 277-285.
216. KAZANTZIS, G. and BOMFORD, R.R. Dyspepsia due to inhalation of carbon tetrachloride vapour. *Lancet* I (1960) 360-362.
217. KHAN, H. and KHAN, M.H. Cytogenetische Untersuchungen bei chronischer Benzolexposition. *Arch. toxicol.* 31 (1973) 39-49.
218. KIMMERLE, G. and EBEN, A. Metabolism, excretion and toxicology of trichloroethylene after inhalation. 1. Experimental exposure on rats. *Arch. toxicol.* 30 (1973) 115-126.
219. KIMMERLE, G. and EBEN, A. Metabolism, excretion and toxicology of trichloroethylene after inhalation. 2. Experimental human exposure. *Arch. toxicol.* 30 (1973) 127-138.
220. KISSLING, M. and SPECK, B. Chromosome aberrations in experimental benzene intoxication. *Helv. med. acta* 36 (1969) 59-66.
221. KISSLING, M. and SPECK, B. Further studies on experimental benzene induced aplastic anemia. *Blut* 25 (1972) 97-103.
222. KLAASSEN, C.D. and PLAA, G.L. Relative effects of various chlorinated hydrocarbons on liver and kidney function in mice. *Toxicol. appl. pharmacol.* 9 (1966) 139-151.
223. KLAASSEN, C.D. and PLAA, G.L. Relative effects of various chlorinated hydrocarbons on liver and kidney function in dogs. *Toxicol. appl. pharmacol.* 10 (1967) 119-131.
224. KLAASSEN, C.D. and PLAA, G.L. Comparison of the biochemical alterations elicited in livers from rats treated with carbon tetrachloride, chloroform, 1,1,2-trichloroethane and 1,1,1-trichloroethane. *Biochem. pharmacol.* 18 (1969) 2019-2027.
225. KLAIVIS, G. and WILLE, F. Schwierigkeiten bei der Beurteilung von Knochenmarksschäden nach Toluoleinwirkung. *Zentralbl. Arbeitsmed.* 17 (1967) 174-176.
226. KNAVE, B., ANSHELM-OLSSON, B., ELOFSSON, S., GAMBERALE, F., ISAKSSON, A., MINDUS, P., PERSSON, H.E., STRUVE, G., WENNERBERG, A. and WESTERHOLM, P. Long-term exposure to jet fuel: II. A cross-sectional epidemiologic investigation on occupationally exposed industrial workers with special reference to the nervous system. *Scand. j. work environ. health* 4 (1978) 19-45.
227. KNAVE, B., PERSSON, H.E., GOLDBERG, J.M. and WESTERHOLM, P. Long-term exposure to jet fuel: An investigation on occupationally exposed workers with special reference to the nervous system. *Scand. j. work environ. health* 2 (1976) 152-164.
228. KNOX, J.W. and NELSON, J.R. Permanent encephalopathy from toluene inhalation. *N. Engl. j. med.* 275 (1966) 1494-1496.
229. KOCH, R.A., GLENDE, E.A. and RECKNAGEL, R.O. Hepatotoxicity

- of bromotrichloromethane - bond dissociation energy and lipoperoxidation. *Biochem. pharmacol.* 23 (1974) 2907-2915.
230. KOIZUMI, A., DOBASHI, Y., TACHIBANA, Y., TSUDA, K. and KATSUNUMA, H. Cytokinetic and cytogenetic changes in cultured human leukocytes and HeLa cells induced by benzene. *Ind. health* 12 (1974) 23-29.
 231. KÖNIG, E., LOHMEYER, D. and DAHME, E. Der Ablauf enzymatischer und histologischer Veränderungen in der Ratteniere nach einmaliger Tetrachlorkohlenstoffvergiftung. *Z. gesamte exp. med.* 133 (1960) 442-454.
 232. KOROBKIN, R., ASBURY, A.K., SUMNER, A.J. and NIELSEN, S.L. Glue-sniffing neuropathy. *Arch. neurol.* 32 (1975) 158-162.
 233. KRISHNA, G., SIPES, I.G. and GILLETTE, J.R. Trichloromethane free radical formation from carbon tetrachloride by liver microsomes: a reductive or homolytic cleavage? *Pharmacologist* 15 (1973) 260.
 234. KUBIC, V.L. and ANDERS, M.W. Metabolism of dihalomethanes to carbon monoxide. II. In vitro studies. *Drug metab. disp.* 3 (1975) 104-111.
 235. KUBIC, V.L., ANDERS, M.W., ENGEL, R.R., BARLOW, C.H. and CAUGHEY, W.S. Metabolism of dihalomethanes to carbon monoxide. I. In vivo studies. *Drug metab. disp.* 2 (1974) 53-57.
 236. KUZELOVA, M. and VLASAK, R. The effect of methylene dichloride on the health of workers in production of film-foils and investigation of formic acid as the methylene dichloride metabolite. *Prac. l k.* 18 (1966) 167-170.
 237. KWANT, W.O. and SEEMAN, P. The membrane concentration of a local anesthetic (chlorpromazine). *Biochim. biophys. acta* 183 (1969) 530-543.
 238. KYLIN, B., REICHARD, H., SUMEGI, I. and YLLNER, S. Hepatotoxicity of inhaled trichloroethylene, tetrachloroethylene and chloroform. Single exposure. *Acta pharmacol. toxicol.* 20 (1963) 16-26.
 239. LACHNIT, V. and PIETSCHMANN, H. Activity of serum glutamic-oxaloacetic-transaminase and aldolase in workers exposed to halogenated hydrocarbons. *Ind. med. surg.* 29 (1960) 523-525.
 240. LAHL, R. Pathohistological findings in the peripheral nervous system (Nn. ischiadici) after experimental carbon tetrachloride intoxication in bastard rabbits. *Eur. neurol.* 10 (1973) 97-116.
 241. LAPIDUS, G. Studien  ber die  rtliche Wirkung und die Hautresorption von Tetrachlorkohlenstoff und Chloroform. *Arch. Hyg.* 102 (1929) 124-131.
 242. LARSON, C.P.Jr., EGER, E.I. and SEVERINGHAUS, J.W. Ostwald solubility coefficients for anesthetic gases in various fluids and tissues. *Anesthesiology* 23 (1962) 686-689.
 243. LAVIGNE, J.G. and MARCHAND, C. The role of metabolism in chloroform hepatotoxicity. *Toxicol. appl. pharmacol.* 29 (1974) 312-326.

244. LEDUC, E.H. and WILSON, J.W. Injury to liver cells in carbon tetrachloride poisoning. *Arch. pathol.* 65 (1958) 147-157.
245. LEE, E.W., KOCSIS, J.J. and SNYDER, R. Acute effect of benzene on ^{59}Fe incorporation into circulating erythrocytes. *Toxicol. appl. pharmacol.* 27 (1974) 431-436.
246. LEHMANN, K.B. and HASEGAWA. Studien über die Absorption chlorierter Kohlenwasserstoffe aus der Luft durch Tier und Mensch. *Arch. Hyg.* 72 (1910) 327-342.
247. LEIBMAN, K.C. Metabolism of trichloroethylene in liver microsomes. I. Characteristics of the reaction. *Mol. pharmacol.* 1 (1965) 239-246.
248. LEIBMAN, K.C. and ORTIZ, E. Oxidation of styrene in liver microsomes. *Biochem. pharmacol.* 18 (1969) 552-554.
249. LEIBMAN, K.C. and ORTIZ, E. Epoxide intermediates in microsomal oxidation of olefins to glycols. *J. pharmacol. exp. ther.* 173 (1970) 242-246.
250. LEONG, B.K.J. Experimental benzene intoxication. In: S. LASKIN and B.D. GOLDSTEIN (eds.), *Benzene toxicity, a critical evaluation. J. toxicol. environ. health Suppl.2*, Hemisphere Publishing Corporation, Washington DC 1977, pp. 45-61.
251. LIGNAC, G.O.E. Die Benzol-leukämie bei Menschen und weissen Mäusen. *Klin. Wochenschr.* 12 (1932) 109-110.
252. LILIS, R., LORIMER, W.V., DIAMOND, S. and SELIKOFF, I.J. Neurotoxicity of styrene in production and polymerization workers. *Environ. res.* 15 (1978) 133-138.
253. LINDER, R.L., LERNER, S.E. and WESSON, D.R. Solvent sniffing: a continuing problem among youth. *Proc. west. pharmacol. soc.* 18 (1975) 371-374.
254. LINDQVIST, T. *Fördelningskoefficienterna blod/luft och vatten/luft för några vanliga lösningsmedel.* Arbete och Hälsa no.8, Arbeterskyddsverket, Stockholm 1977, 15 p.
255. LLEWELLYN, O.P. Halogenated hydrocarbons used as solvents. *Ann.occup. hyg.* 9 (1966) 199-208.
256. LONGLEY, E.O., JONES, A.T., WELCH, R. and LOMAEV, O. Two acute toluene episodes in merchant ships. *Arch. environ. health* 14 (1967) 481-487.
257. LOPRIENO, N., ABBONDANDOLO, A., BARALE, R., BARONCELLI, S., BONATTI, S., BRONZETTI, G., CAMMELLINI, A., CORSI, C., CORTI, G., FREZZA, D., LEPORINI, C., MAZZACCARO, A., NIERI, R., ROSELLINI, D. and ROSSI, A.M. Mutagenicity of industrial compounds: styrene and its possible metabolite styrene oxide. *Mutat. res.* 40 (1976) 317-324.
258. LUSE, S.A. and WOOD, W.G. The brain in fatal carbon tetrachloride poisoning. *Arch. neurol.* 17 (1967) 305-312.
259. LUTZ, W.K. and SCHLATTER, C.H. Mechanism of the carcinogenic effect of benzene: irreversible binding to rat liver DNA. *Chem. biol. interact.* 18 (1977) 241-245.
260. MAGEE, P.N. Covalent binding and endogenous incorporation

- as illustrated by nitroso carcinogens. *J. toxicol. environ. health* 2 (1977) 883-893.
261. MALLORY, T.B., GALL, E.A. and BRICKLEY, W.J. Chronic exposure to benzene (benzol). III. The pathologic results. *J. ind. hyg. toxicol.* 21 (1939) 355-377.
 262. MANSUY, D., BEAUNE, P., CRESTEIL, T., LANGE, M. and LEROUX, J.P. Evidence for phosgene formation during liver microsomal oxidation of chloroform. *Biochem. biophys res. commun.* 79 (1977) 513-517.
 263. MAPLESON, W.W. An electric analogue for uptake and exchange of inert gases and other agents. *J. appl. physiol.* 18 (1963) 197-204.
 264. MARNIEMI, J., SUOLINNA, E.M., KAARTINEN, N. and VAINIO, H. Covalent binding of styrene oxide to rat liver macromolecules in vivo and in vitro. In: V. ULLRICH, I. ROOTS, A. HILDEBRANDT, R.W. ESTABROOK and A.H. CONNEY (eds.) *Microsomes and Drug Oxidations. Proceedings of the Third International Symposium, Berlin 1976*, Pergamon Press, Oxford 1977, pp. 698-703.
 265. MARSHALL, E.K.Jr. and OWENS, A.H. Absorption, excretion and metabolic fate of chloral hydrate and trichloroethanol. *Johns Hopk. hosp. bull.* 95 (1954) 1-18.
 266. MCCOLLISTER, D.D., BEAMER, W.H., ATCHISON, G.J. and SPENCER, H.C. The absorption, distribution and elimination of radioactive carbon tetrachloride by monkeys upon exposure to low vapor concentrations. *J. pharmacol. exp. ther.* 102 (1951) 112-124.
 267. MCCONNELL, G., FERGUSON, D.M. and PEARSON, C.R. Chlorinated hydrocarbons in the environment. *Endeavour* 34 (1975) 13-18.
 268. MCDERMOTT, W.V. and HARDY, H.L. Cirrhosis of the liver following chronic exposure to carbon tetrachloride. *J. occup. med.* 5 (1963) 249-251.
 269. MERETOJA, T., VAINIO, H. and JÄRVENTAU, H. Clastogenic effects of styrene exposure on bone marrow cells of rat. *Toxicology Letters* 1 (1978) 315-318.
 270. MERETOJA, T., VAINIO, H., SORSA, M. and HÄRKÖNEN, H. Occupational styrene exposure and chromosomal aberrations. *Mutat. res.* 56 (1977) 193-197.
 271. METZLER, C.M., ELFRING, G.L. and MCEWEN, A.J. *A user's manual for NONLIN and associated programs*. The Upjohn Company, Kalamazoo, Mich. 1974, 83 p.
 272. MEYER, H. Zur Theorie der Alkoholnarkose. I. Welche Eigenschaft der Anästhetica bedingt ihre narkotische Wirkung? *Naunyn Schmiedebergs Arch. exp. Pathol. Pharmacol.* 42 (1899) 109-118.
 273. MEYER, K.H. and GOTTLIEB-BILLROTH, H. Theorie der Narkose durch Inhalationsanästhetika. *Hoppe Seylers Z. physiol. Chem.* 112 (1921) 55-79.
 274. MEYER, K.H. and HEMMI, H. Beiträge zur Theorie der Narkose. III. *Biochem. z.* 277 (1935) 39-71.
 275. MILLER, J.R. Carcinogenesis by chemicals: An overview.

Cancer res. 30 (1970) 559-576.

276. MILVY, P. and GARRO, A.J. Mutagenic activity of styrene oxide (1,2-epoxyethylbenzene), a presumed styrene metabolite. *Mutat. res.* 40 (1976) 15-18.
277. MITCHELL, J.R. Mechanism of benzene-induced aplastic anemia. *Fed. proc.* 30 (1971) 561.
278. MITCHELL, J.R. and JOLLOWS, D.J. Metabolic activation of drugs to toxic substances. *Gastroenterology* 68 (1975) 392-410.
279. MOESCHLIN, S. and SPECK, B. Experimental studies on the mechanism of action of benzene on the bone marrow (radioautographic studies using ^3H -thymidine). *Acta haematol.* 38 (1967) 104-111.
280. MONLUX, G. and SMUCKLER, E.A. An autoradiographic study of protein synthesis in mouse liver parenchymal cells during CCl_4 intoxication. *Am. j. pathol.* 54 (1969) 73-81.
281. MORGAN, A., BLACK, A. and BELCHER, D.R. The excretion in breath of some aliphatic hydrocarbons following administration by inhalation. *Ann. occup. hyg.* 13 (1970) 219-233.
282. MORGAN, A., BLACK, A. and BELCHER, D.R. Studies on the absorption of halogenated hydrocarbons and their excretion in breath using ^{38}Cl tracer techniques. *Ann. occup. hyg.* 15 (1972) 273-282.
283. MOSINGER, M. and FIORENTINI, H. Réactions hépatiques, rénales, ganglionnaires et spléniques dans l'intoxication expérimentale par le trichloéthylène chez le chat. *C.R. Soc. biol. (Paris)* 149 (1955) 150-152.
284. MOSKOWITZ, S. and SHAPIRO, H. Fatal exposure to methylene chloride vapor. *Arch. ind. hyg. occup. med.* 6 (1952) 116-123.
285. MOSLEN, M.T., REYNOLDS, E.S. and SZABO, S. Enhancement of the metabolism and hepatotoxicity of trichloroethylene and perchloroethylene. *Biochem. pharmacol.* 26 (1977) 369-375.
286. MÜLLER, G., SPASSOVSKI, M. and HENSCHLER, D. Trichloroethylene exposure and trichloroethylene metabolites in urine and blood. *Arch. toxicol.* 29 (1972) 335-340.
287. MULLINS, L.J. Some physical mechanisms in narcosis. *Chem. rev.* 54 (1954) 289-323.
288. MYATT, A.V. and SALMONS, J.A. Carbon tetrachloride poisoning. *Arch. ind. hyg. occup. med.* 6 (1952) 74-82.
289. NAHUM, L.H. and HOFF, H.E. Mechanism of sudden death in experimental acute benzol poisoning. *J. pharmacol. exp. ther.* 50 (1934) 336-345.
290. NEELY, W.B. The metabolic fate of formaldehyde- ^{14}C intraperitoneally administered to the rat. *Biochem. pharmacol.* 13 (1964) 1137-1142.
291. NICLOUX, M. and YOVANOVITCH, A. Répartition du chloroforme au cours de l'anesthésie dans les différentes parties du système nerveux central et périphérique ainsi que dans

- les ganglions sympathiques. *Ann. physiol.* 13 (1925) 444-470.
292. NOMIYAMA, K. Experimental studies on benzene poisoning. *Bull. Tokyo med. dent. univ.* 11 (1964) 297-313.
 293. NOMIYAMA, K. Studies on poisoning by benzene and its homologs. (7) Toxicity of benzene metabolites to hemopoiesis. *Ind. health* 3 (1965) 53-57.
 294. NOMIYAMA, N. and NOMIYAMA, H. Respiratory retention, uptake and excretion of organic solvents in man. *Int. Arch. Arbeitsmed.* 32 (1974) 75-83.
 295. NOMIYAMA, N. and NOMIYAMA, H. Respiratory elimination of organic solvents in man. *Int. Arch. Arbeitsmed.* 32 (1974) 85-91.
 296. NORWOOD, W.D., FUQUA, P.A. and SCUDDER, B.C. Carbon tetrachloride poisoning. *Arch. ind. hyg.* 1 (1950) 90-100.
 297. NOWILL, W.K., STEPHEN, C.R. and MARGOLIS, G. The chronic toxicity of trichloroethylene. *Anesthesiology* 15 (1954) 462-465.
 298. OBERLING, C. and ROUILLER, C. Les effets de l'intoxication aiguë au tétrachlorure de carbone sur le foie du rat. *Ann. anat. pathol.* 1 (1956) 401-427.
 299. OETTINGEN, W.F. VON, *The Halogenated Hydrocarbons of Industrial and Toxicological Importance*. Elsevier, Amsterdam 1964, 300 p.
 300. OETTINGEN, W.F. VON, NEAL, P.A. and DONAHUE, D.D. The toxicity and potential dangers of toluene. *J. am. med. assoc.* 118 (1942) 579-584.
 301. OETTINGEN, W.F. VON, POWELL, C.C., SHARPLESS, N.E., ALFORD, W.C. and PECORA, L.J. Comparative studies of the toxicity and pharmacodynamic action of chlorinated methanes with special reference to their physical and chemical characteristics. *Arch. int. pharmacodyn. théor.* 81 (1950) 17-34.
 302. OGATA, M., SUGIYAMA, K. and MORIYASU, H. Toluene concentration in air and urinary hippuric acid measured by paper chromatography and mass screening examination method. *Acta med. Okayama* 16 (1962) 283-292.
 303. OGATA, M., TOMOKUNI, K. and TAKATSUKA, Y. Urinary excretion of hippuric acid and m- or p-methylhippuric acid in the urine of persons exposed to toluene and m- or p-xylene as a test of exposure. *Br. j. ind. med.* 27 (1970) 43-50.
 304. OHTSUJI, H. and IKEDA, M. The metabolism of styrene in the rat and the stimulatory effect of phenobarbital. *Toxicol. appl. pharmacol.* 18 (1971) 321-328.
 305. OVERTON, E. *Studien über die Narkose zugleich ein Beitrag zur allgemeinen Pharmakologie*. G. Fischer Verlag, Jena 1901, 195 p.
 306. PALESE, M. and TEPHLY, T.R. Metabolism of formate in the rat. *J. toxicol. environ. health* 1 (1975) 13-24.
 307. PARKE, D.V. and WILLIAMS, R.T. Studies in detoxication. 30. The metabolism of benzene. a/ The determination of benzene.

- b/ The elimination of unchanged benzene by rabbits. *Biochem. j.* 46 (1950) 236-243.
308. PARKE, D.V. and WILLIAMS, R.T. Studies in detoxication. 38. The metabolism of benzene. a/ The determination of phenylmercapturic acid in urine. b/ Mercapturic acid excretion by rabbits receiving benzene. *Biochem. j.* 48 (1951) 624-629.
 309. PARKE, D.V. and WILLIAMS, R.T. Studies in detoxication. 44. The metabolism of benzene. The muconic acid excreted by rabbits receiving benzene. Determination of the isomeric muconic acids. *Biochem. j.* 51 (1952) 339-348.
 310. PARKE, D.V. and WILLIAMS, R.T. Studies in detoxication. 49. The metabolism of benzene containing (^{14}C) benzene. *Biochem. j.* 54 (1953) 231-238.
 311. PARKE, D.V. and WILLIAMS, R.T. Studies in detoxication. 54. The metabolism of benzene. a/ The formation of phenylglucuronide and phenylsulphuric acid from (^{14}C) benzene. b/ The metabolism of (^{14}C) phenol. *Biochem. j.* 55 (1953) 337-340.
 312. PAUL, B.B. and RUBINSTEIN, D. Metabolism of carbon tetrachloride and chloroform by the rat. *J. pharmacol. exp. ther.* 141 (1963) 141-148.
 313. PERASSI, R. and MARTIN, A. Urinary proteins of the rat during CCl_4 poisoning. *Pathol. biol.* 21 (1973) 569-572.
 314. PETERSON, J.E. Modeling the uptake, metabolism and excretion of dichloromethane by man. *Am. ind. hyg. assoc. j.* 39 (1978) 41-47.
 315. PHILIP, P. and KROGH JENSEN, M. Benzene induced chromosome abnormalities in rat bone marrow cells. *Acta pathol. microbiol. scand. Section A.* 78 (1970) 489-490.
 316. PLAA, G.L. Quantitative comparison of the hepatotoxic potencies of various halogenated hydrocarbons. In: M. HORVATH (ed.), *Adverse Effects of Environmental Chemicals and Psychotropic Drugs. Vol. 1*, Elsevier, Amsterdam 1973, pp. 27-33.
 317. PLAA, G.L. and LARSON, L. Relative nephrotoxic properties of chlorinated methane, ethane and ethylene derivatives in mice. *Toxicol. appl. pharmacol.* 7 (1965) 37-44.
 318. PLAA, G.L. and WITSCHI, H. Chemicals, drugs and lipid peroxidation. *Annu. rev. pharmacol. toxicol.* 16 (1976) 125-141.
 319. POHL, L.R., BHOOSHAN, B. and KRISHNA, G. Mechanism of the metabolic activation of chloroform. *Toxicol. appl. pharmacol.* 45 (1978) 238.
 320. POHL, L.R., BHOOSHAN, B., WHITTAKER, N.F. and KRISHNA, G. Phosgene: a metabolite of chloroform. *Biochem. biophys. res. commun.* 79 (1977) 684-691.
 321. POINDEXTER, C.A. and GREENE, C.H. Toxic cirrhosis of the liver. *J. am. med. assoc.* 102 (1934) 2015-2017.
 322. POKLIS, A. and BURKETT, C.D. Gasoline sniffing: a review.

323. PORTEOUS, J.W. and WILLIAMS, R.T. Studies in detoxication. 19. The metabolism of benzene. I. a/ The determination of phenol in urine with 2,6-dichloroquinonechloroimide. b/ The excretion of phenol, glucuronic acid and ethereal sulfate by rabbits receiving benzene and phenol. c/ Observations on the determination of catechol, quinol and muconic acid in urine. *Biochem. j.* 44 (1949) 46-55.
324. PORTEOUS, J.W. and WILLIAMS, R.T. Studies in detoxication. 20. The metabolism of benzene. II. The isolation of phenol, catechol, quinol and hydroxyquinol from the ethereal sulfate fraction of the urine of rabbits receiving benzene orally. *Biochem. j.* 44 (1949) 56-61.
325. POWELL, J.F. Trichloroethylene: absorption, elimination and metabolism. *Br. j. ind. med.* 2 (1945) 142-145.
326. POWELL, J.F. The solubility or distribution coefficient of carbon tetrachloride in water, whole blood and plasma. *Br. j. ind. med.* 2 (1945) 212-216.
327. POWELL, J.F. The solubility or distribution coefficient of trichloroethylene in water, whole blood and plasma. *Br. j. ind. med.* 4 (1947) 233-236.
328. POYER, J.L., FLOYD, R.A., MCCAY, P.B., JANZEN, E.G. and DAVIS, E.R. Spin-trapping of the trichloromethyl radical produced during enzymic NADPH oxidation in the presence of carbon tetrachloride or bromotrichloromethane. *Biochim. biophys. acta* 539 (1978) 402-409.
329. PRENDERGAST, J.A., JONES, R.A., JENKINS, L.J. and SIEGEL, J. Effects on experimental animals of long-term inhalation of trichloroethylene, carbon tetrachloride, 1,1,1-trichloroethane, dichlorodifluoromethane and 1,1-dichloroethylene. *Toxicol. appl. pharmacol.* 10 (1967) 270-289.
330. PYYKKÖ, K., TÄHTI, H. and VAPAATALO, H. Toluene concentrations in various tissues of rats after inhalation and oral administration. *Arch. toxicol.* 38 (1977) 169-176.
331. RAO, K.S. and RECKNAGEL, R.O. Early onset of lipoperoxidation in rat liver after carbon tetrachloride administration. *Exp. mol. pathol.* 9 (1968) 271-278.
332. RAO, K.S. and RECKNAGEL, R.O. Early incorporation of carbon-labeled carbon tetrachloride into rat liver particulate lipids and proteins. *Exp. mol. pathol.* 10 (1969) 219-228.
333. RATNEY, R.S., WEGMAN, D.H. and ELKINS, H.B. In vivo conversion of methylene chloride to carbon monoxide. *Arch. environ. health* 28 (1974) 223-226.
334. RECKNAGEL, R.O. Carbon tetrachloride hepatotoxicity. *Pharmacol. rev.* 19 (1967) 145-208.
335. RECKNAGEL, R.O. and ANTHONY, D.D. Biochemical changes in carbon tetrachloride fatty liver: separation of fatty changes from mitochondrial degeneration. *J. biol. chem.* 234 (1959) 1052-1059.
336. RECKNAGEL, R.O. and GHOSHAL, A.K. Lipoperoxidation as a

- vector in carbon tetrachloride hepatotoxicity. *Lab. invest.* 15 (1966) 132-148.
337. RECKNAGEL, R.O. and GLENDE, E.A. Carbon tetrachloride hepatotoxicity: an example of lethal cleavage. *CRC Crit. rev. toxicol.* 2 (1973) 263-297.
 338. RECKNAGEL, R.O., GLENDE, E.A.Jr., UGAZIO, G., KOCH, R.R. and SRINIVASAN, S. New data in support of the lipid peroxidation theory for carbon tetrachloride liver injury. *Isr. j. med. sci.* 10 (1974) 301-311.
 339. RECKNAGEL, R.O. and LOMBARDI, B. Studies of biochemical changes in subcellular particles of rat liver and their relationship to a new hypothesis regarding the pathogenesis of carbon tetrachloride fat accumulation. *J. biol. chem.* 236 (1961) 564-569.
 340. REISIN, E., TEICHER, A., JAFFE, R. and ELIAHOU, H.E. Myoglobinuria and renal failure in toluene poisoning. *Br. j. ind. med.* 32 (1975) 163-168.
 341. REUBER, M.D. and GLOVER, E.L. Hyperplastic and early neoplastic lesions of the liver in Buffalo strain rats of various ages given subcutaneous carbon tetrachloride. *J. natl. cancer inst.* 38 (1967) 891-899.
 342. REUBER, M.D. and GLOVER, E.L. Cirrhosis and carcinoma of the liver in male rats given subcutaneous carbon tetrachloride. *J. natl. cancer inst.* 44 (1970) 419-427.
 343. REYNOLDS, E.S. Comparison of early injury to liver endoplasmic reticulum by halomethanes, hexachloroethane, benzene, toluene, bromobenzene, ethionine, thioacetamide and dimethylnitrosamine. *Biochem. pharmacol.* 21 (1972) 2555-2561.
 344. REYNOLDS, E.S., THIERS, R.E. and VALLEE, B.L. Mitochondrial function and metal content in carbon tetrachloride poisoning. *J. biol. chem.* 237 (1962) 3546-3551.
 345. REYNOLDS, E.S. and YEE, A.G. Liver parenchymal cell injury. Relationships between patterns of chloromethane-¹⁴C incorporation into constituents of liver in vivo and cellular injury. *Lab. invest.* 16 (1967) 591-603.
 346. RICHTER, G. Veränderung der subzellulären Verteilung der Ribonucleinsäure in der Mäuseleber nach Tetrachlorkohlenstoffvergiftung. *Biochim. biophys. acta* 61 (1962) 141-144.
 347. RILEY, E.C., FASSETT, D.W. and SUTTON, W.L. Methylene chloride vapor in expired air of human subjects. *Am. ind. hyg. assoc. j.* 27 (1966) 341-348.
 348. ROBBINS, B.H. The absorption, distribution and excretion of carbon tetrachloride in dogs under various conditions. *J. pharmacol. exp. ther.* 37 (1929) 203-216.
 349. RODKEY, F.L. and COLLISON, H.A. Biological oxidation of ¹⁴C-methylene chloride to carbon monoxide and carbon dioxide by the rat. *Toxicol. appl. pharmacol.* 40 (1977) 33-38.
 350. RODKEY, F.L. and COLLISON, H.A. Effect of dihalogenated methanes on the in vivo production of carbon monoxide and