

K-1711-(100)

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91: 205212w Effect of long-term vinyl chloride exposure in mouse liver structure. Schaffner, F. (Mt. Sinai Sch. Med., New York, NY 10029 USA). *Falk Symp.* 1978, 25(Primary Liver Tumors), 189-99 (Eng). Electron microscopic studies of livers of mice exposed to *vinyl chloride* [75-01-4] monomer for ≤ 6 mo revealed changes mainly in and around sinusoids and in sinusoidal lining cells, particularly with only mild alterations of hepatocytes. The angiosarcomas which developed in some mice arose from the sinusoidal lining cells. Screening for early stages of vinyl chloride-induced hepatic injury must be directed to changes in the microcirculation rather than to changes in hepatocellular function.