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**Abstract:** Liver is a vital organ of vertebrates and some other animals. In the human it is the largest glandular organ in the body of the digestive tube extensions weighs about a kilo and a half and is divided into four lobes of unequal size. Liver plays a major role in metabolism with numerous functions in the human body, including regulation of glycogen storage, decomposition of red blood cells, plasma protein synthesis, hormone production, and detoxification. Liver cancer or hepatic cancer is a cancer that originates in the liver. The leading cause of liver cancer is viral infection with hepatitis B virus or hepatitis C virus. The cancer usually forms secondary to cirrhosis caused by these viruses. For this reason, the highest rates of liver cancer occur where these viruses are endemic, including East-Asia and sub-Saharan Africa.