



The liver is a large, lobed organ located in the upper abdomen of the human body, on the right side. It is the largest internal organ in the body and is responsible for a wide range of important functions.

One of the liver's main functions is to process and filter blood. The liver receives blood from two sources: the hepatic artery, which delivers oxygen-rich blood from the heart, and the portal vein, which delivers nutrient-rich blood from the digestive organs. The liver processes this blood and detoxifies it by removing harmful substances, such as alcohol, drugs, and toxins.

The liver also plays a key role in metabolism. It helps to regulate the levels of sugar, protein, and fat in the blood, and it produces bile, which is a substance that helps to digest food. The liver also stores glucose, which is a type of sugar that provides energy to the body. It releases this glucose into the bloodstream when the body needs it.