The Liver

- Right lobe of liver
- Left lobe of liver
Hepatic Circulation
Hepatic Circulation
Structure of the liver. The liver lobule in the center is surrounded by the portal space. Arteries, veins, and bile ducts occupy the portal spaces. In the lobule, note the radial disposition of the plates formed by hepatocytes; the sinusoidal capillaries separate the plates. The bile canaliculi can be seen between the hepatocytes. The
Anatomy of a Lobule: A Portal Tract

Notice the direction of various flows.
Liver Lobule

V = Terminal hepatic venule
T = Portal tract
Liver Parenchyma

Hepatocytes are arranged in plates one cell thick. Blood flows over plates through sinusoids to reach terminal hepatic venule.
Portal Tract

L = lymphatics
B = bile duct
A = arterioles
Portal Tract x10

Hepatic Artery branch
Bile ductule
Lymphatic
Portal Vein
Hepatocytes
Sinusoids
A Sinusoid
Bile Canaliculi
Bile Canaliculi