Load

Smoothing
Input: Red/Blue Channel
Output: Smoothed Image

Thresholding
Input: Smoothed Masked Image
Output: Hepatocyte and Vein Mask

Connected Components
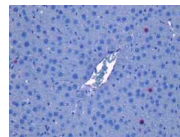Input: Hepatocyte Mask
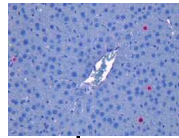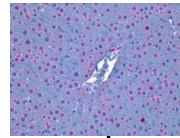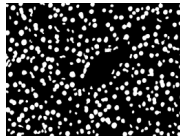Output: Corrected Hepatocyte Mask
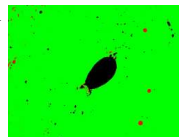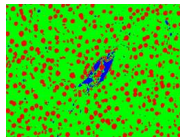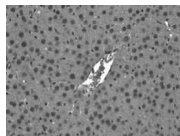
Hepatocyte detection
Input: Hepatocyte Mask
Output: Circle Mask, Hepatocyte Number

Save

red channel

blue channel

BrdU-LI