

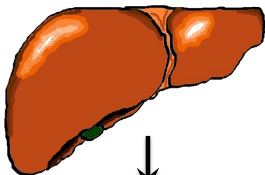


~~MC1-R~~



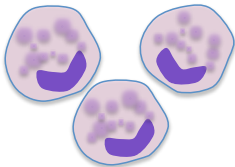
Global MC1-R deficiency  
on ApoE<sup>-/-</sup> background

**Liver**  
Bile acid synthesis ↓  
Cholesterol accumulation ↑



**Hypercholesterolemia ↑**

**Monocytes**  
PSGL-1 ↑ CD62L ↑



**Atherosclerotic plaques**  
Lesion size ↑  
Necrotic core ↑  
Collagen content ↓  
Monocytes & macrophages ↑

