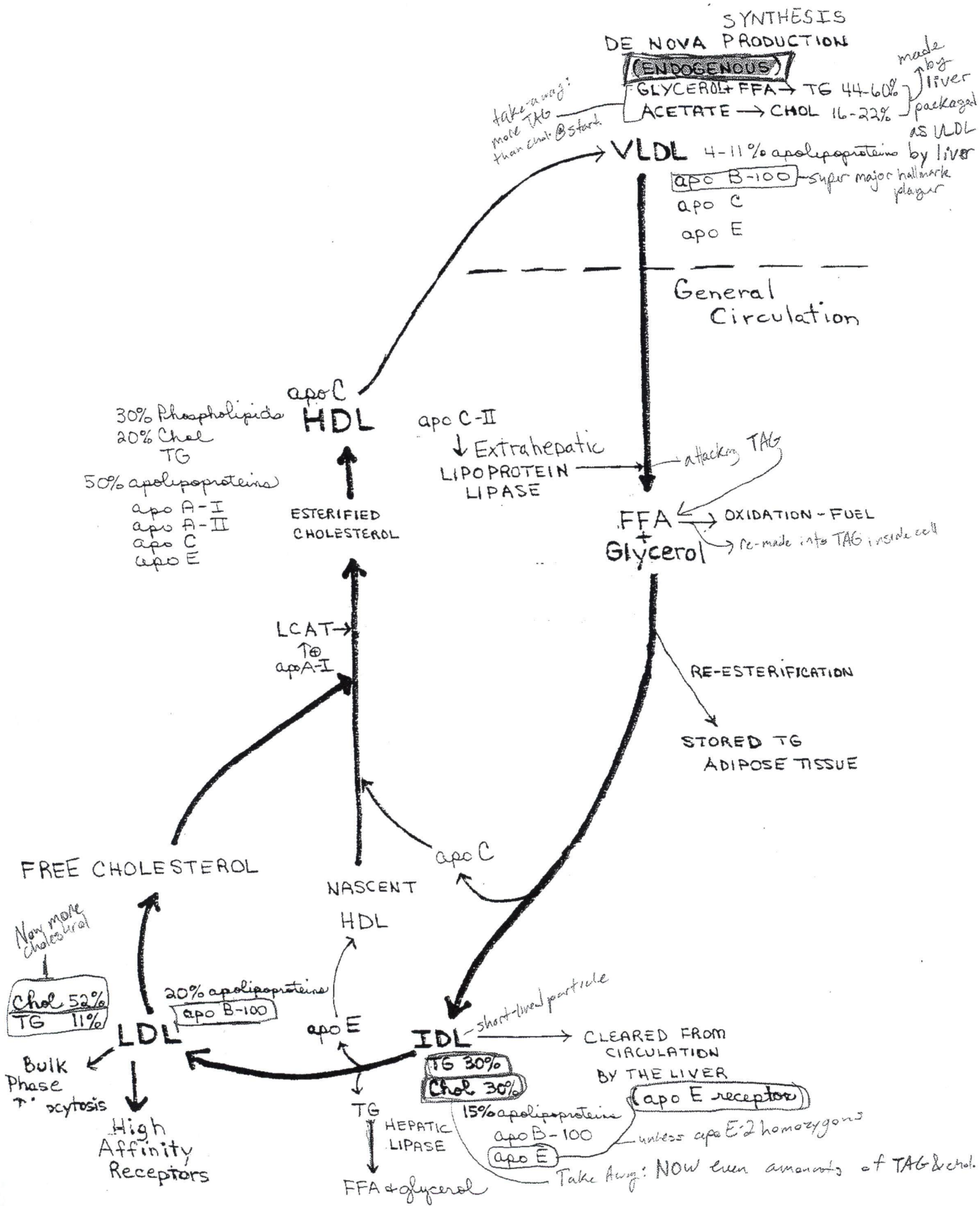


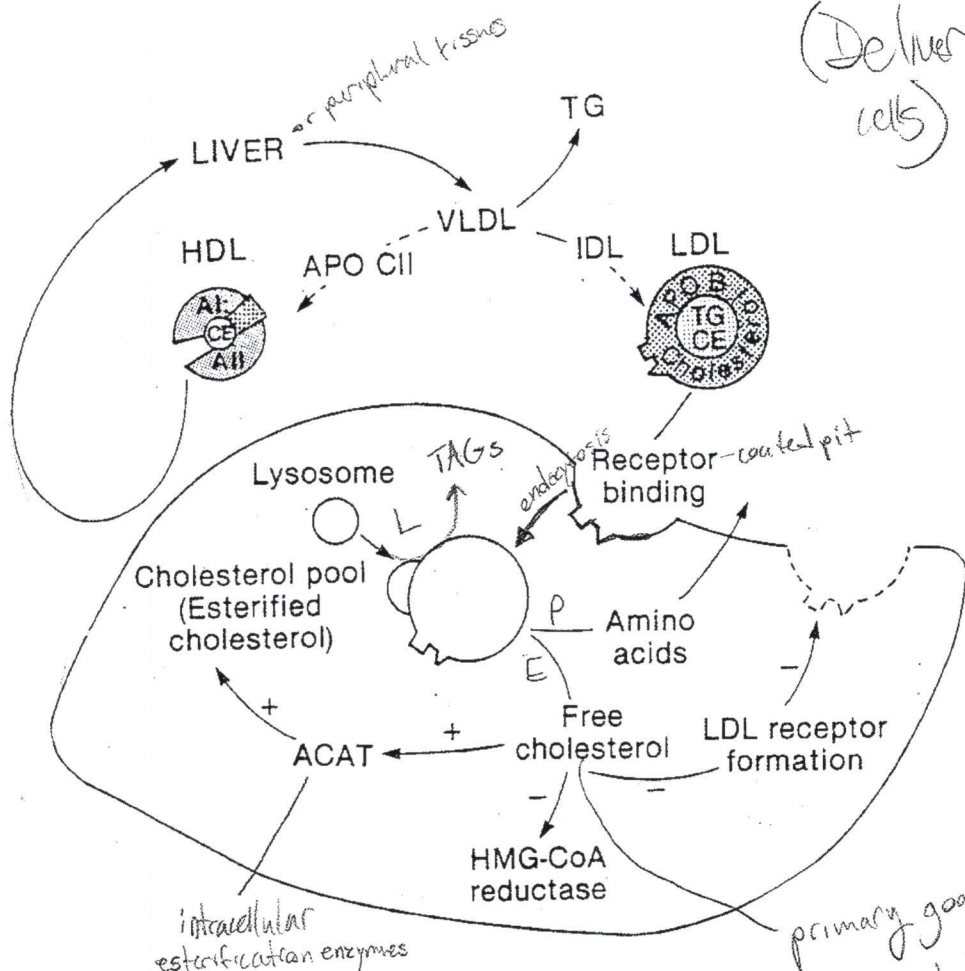
takes 10-14 hours to clear chylomicrons



What do we do with LDL

metabolism occurs in liver or peripheral tissues

(Deliver LDL into cells)



primary goal was to get free cholesterol into a cell.

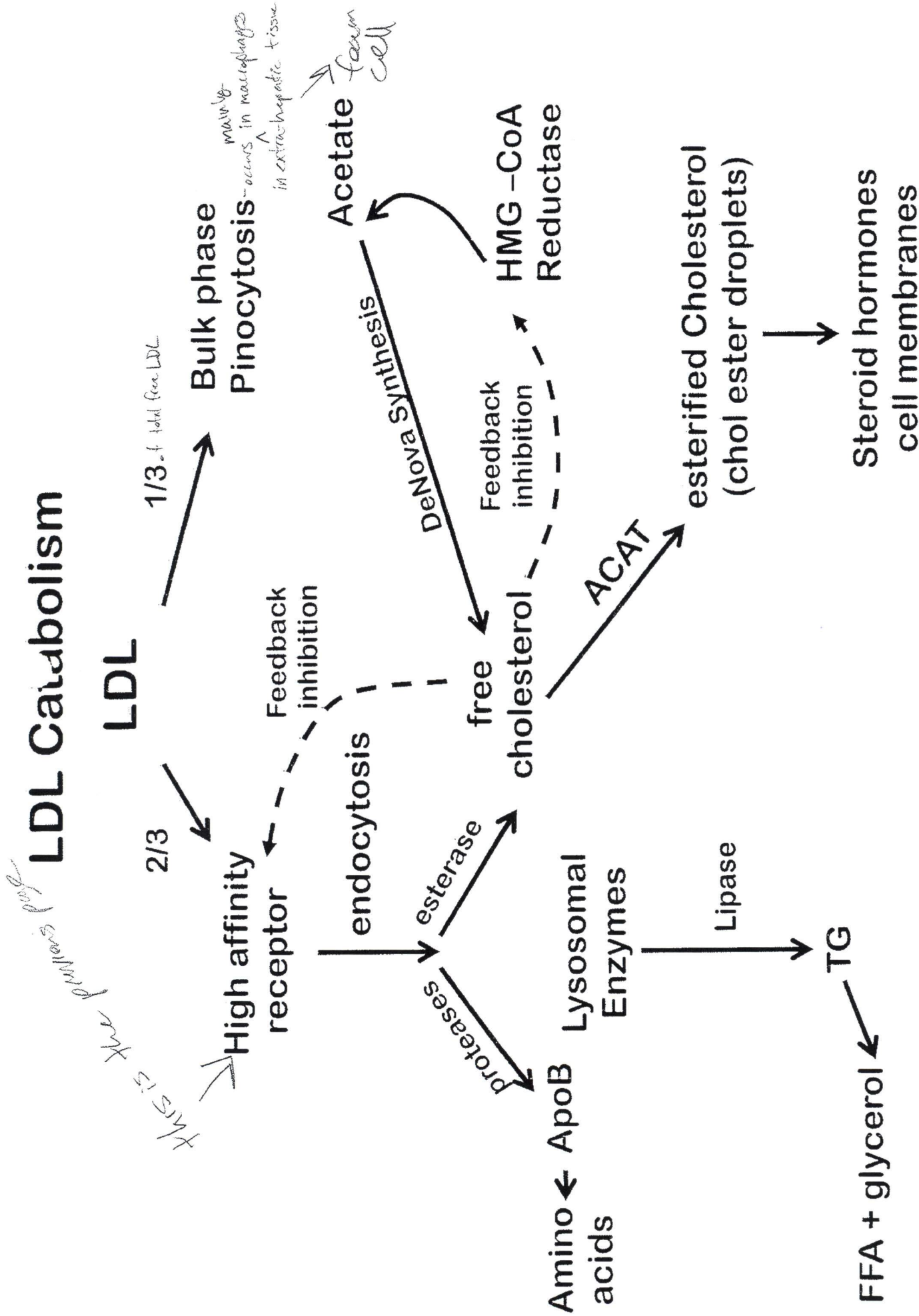
L = Lipase - breaks TAG into glycerol & FFA

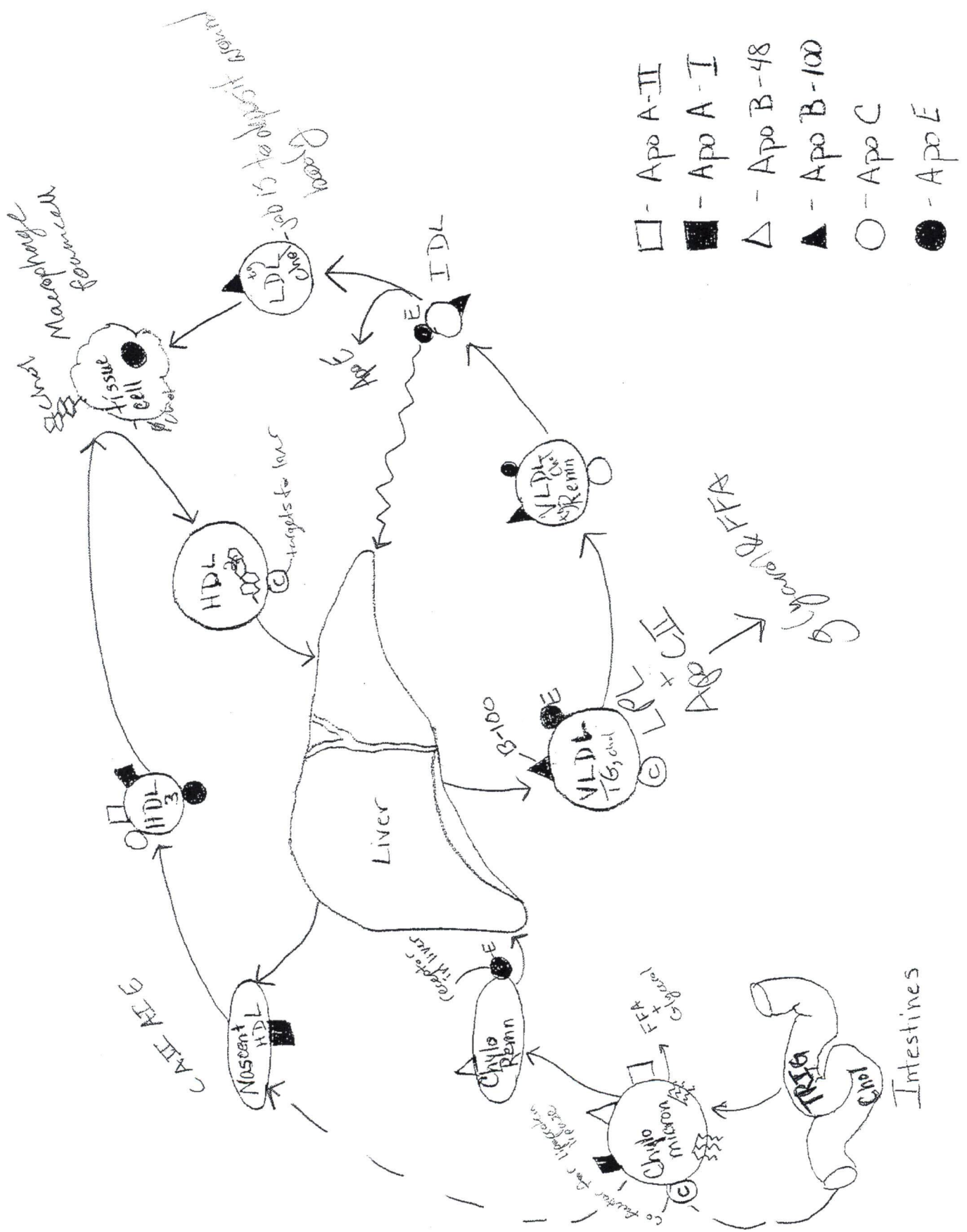
P = Protease - Apo B → AA

E = Esterase = cholesterol esters → free chol. + FFA

HMG-CoA reductase = hydroxy-3-methylglutaryl-CoA → makes cholesterol from acetate. [the drugs statins regulate].

LDL Catabolism





- - Apo A-II
- - Apo A-I
- △ - Apo B-48
- ▲ - Apo B-100
- - Apo C
- - Apo E

Chylomicron