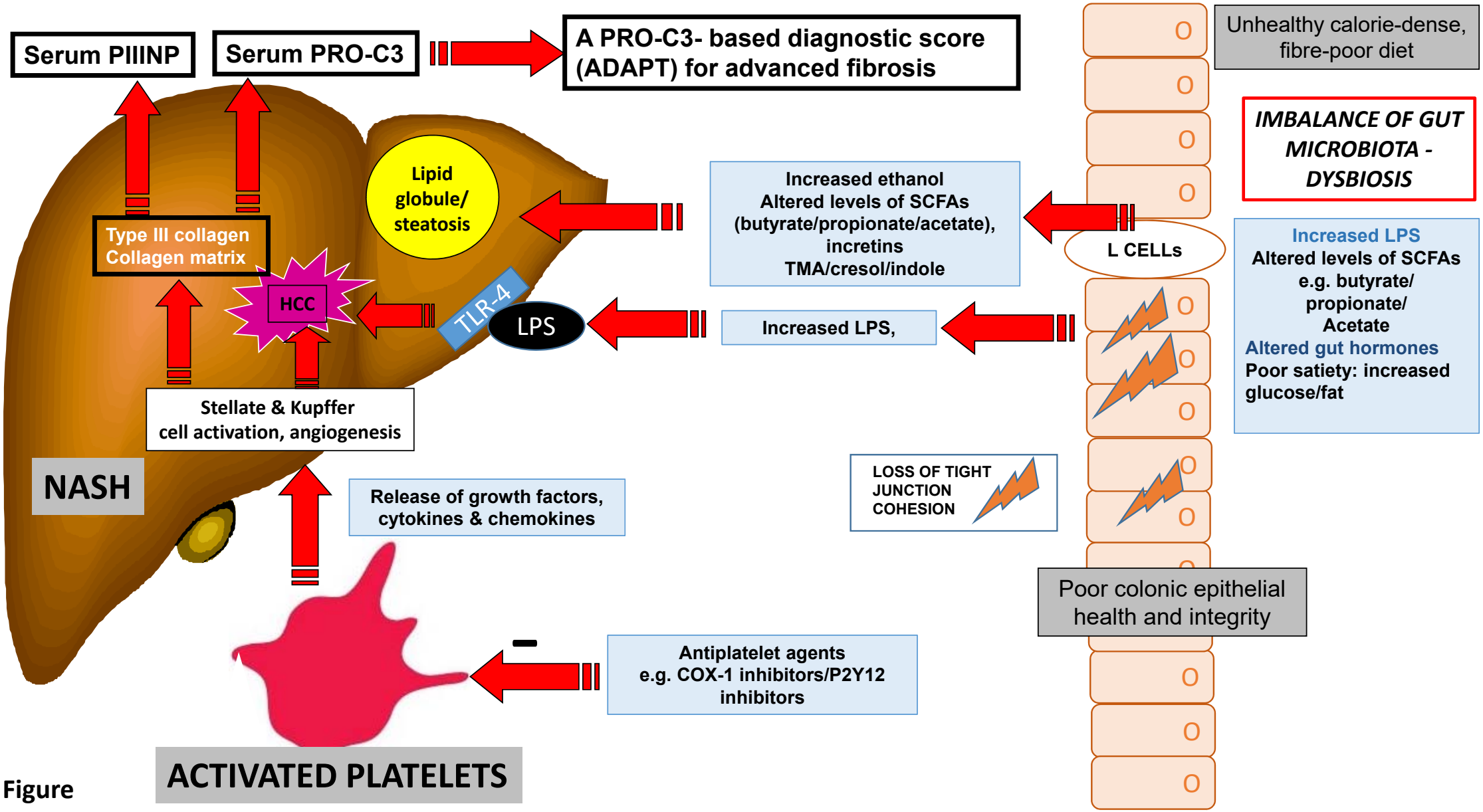
Serum PIIINP
Serum PRO-C3
A PRO-C3- based diagnostic score (ADAPT) for advanced fibrosis
Unhealthy calorie-dense, fibre-poor diet
IMBALANCE OF GUT MICROBIOTA - DYSBIOSIS
Lipid globule/ steatosis
Type III collagen
Collagen matrix
HCC
TLR-4
LPS
Increased ethanol
Altered levels of SCFAs (butyrate/propionate/acetate), incretins
TMA/cresol/indole
L CELLs
Increased LPS,
Increased LPS
Altered levels of SCFAs e.g. butyrate/ propionate/ Acetate
Altered gut hormones
Poor satiety: increased glucose/fat
Stellate & Kupffer cell activation, angiogenesis
NASH
Release of growth factors, cytokines & chemokines
LOSS OF TIGHT JUNCTION COHESION
Poor colonic epithelial health and integrity
Antiplatelet agents e.g. COX-1 inhibitors/P2Y12 inhibitors
ACTIVATED PLATELETS

Figure