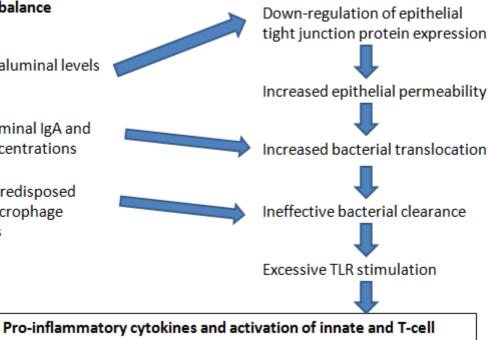
## Microbial imbalance

Reduced intraluminal levels of butyrate

Decreased luminal IgA and defensin concentrations

Genetically predisposed defective macrophage phagocytosis



mediated immune responses