

Reduced expression of
TLR on macrophages

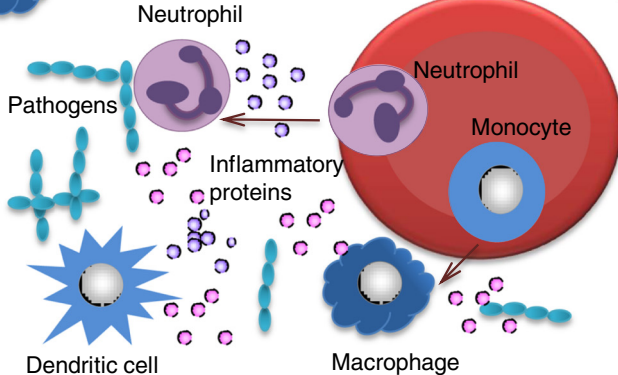
Compromised function
of TLR

Reduced chemotaxis
and phagocytosis

Decreased cytokine
production

Reduced MHC-express-
ion and signaling

Ageing



Reduced chemotaxis
of neutrophils

Reduced apoptosis

Impaired signal
transduction

Decreased superoxide
production

Reduced recruitment
into lipid rafts

Ageing