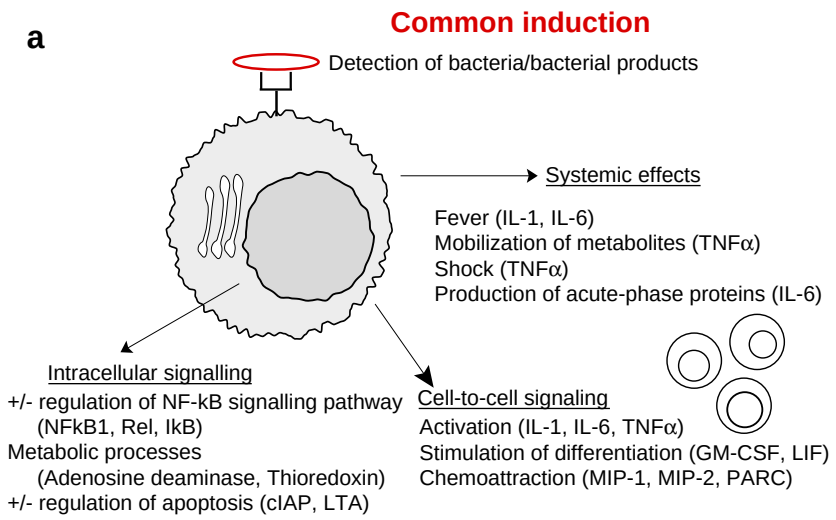
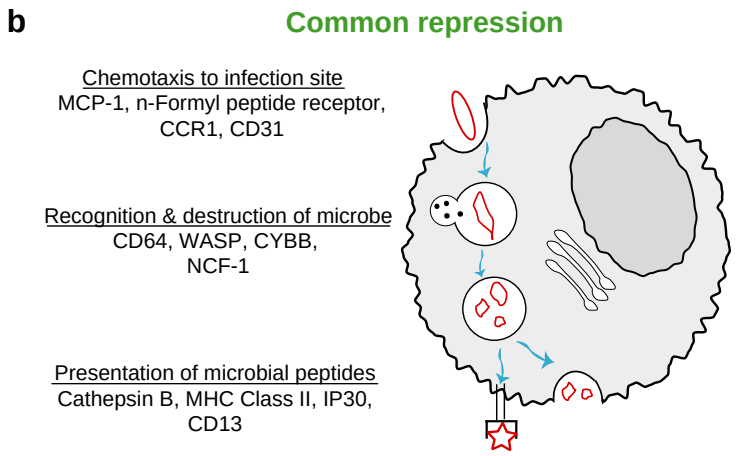

a
Common induction
Detection of bacteria/bacterial products
Systemic effects
Fever (IL-1, IL-6)
Mobilization of metabolites (TNFα)
Shock (TNFα)
Production of acute-phase proteins (IL-6)
Intracellular signalling
+/- regulation of NF-kB signalling pathway
(NFkB1, Rel, IkB)
Metabolic processes
(Adenosine deaminase, Thioredoxin)
+/- regulation of apoptosis (cIAP, LTA)
Cell-to-cell signaling
Activation (IL-1, IL-6, TNFα)
Stimulation of differentiation (GM-CSF, LIF)
Chemoattraction (MIP-1, MIP-2, PARC)


b
Common repression
Chemotaxis to infection site
MCP-1, n-Formyl peptide receptor,
CCR1, CD31
Recognition & destruction of microbe
CD64, WASP, CYBB,
NCF-1
Presentation of microbial peptides
Cathepsin B, MHC Class II, IP30,
CD13