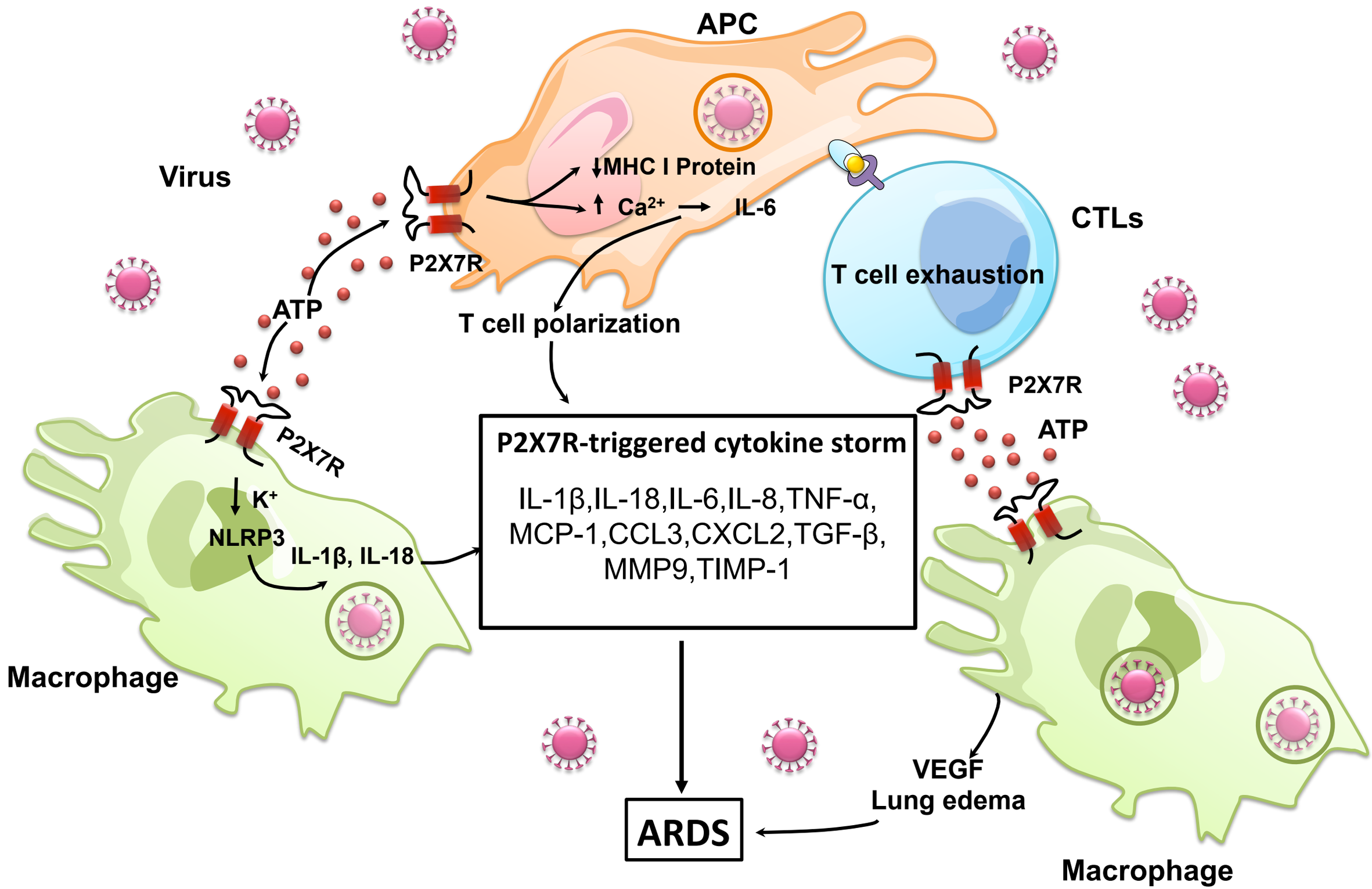
APC
Virus
↓MHC I Protein
↑ Ca2+ → IL-6
P2X7R
ATP
T cell polarization
CTLs
T cell exhaustion
P2X7R
ATP
P2X7R
K+
NLRP3
IL-1β, IL-18
P2X7R-triggered cytokine storm
IL-1β,IL-18,IL-6,IL-8,TNF-α,
MCP-1,CCL3,CXCL2,TGF-β,
MMP9,TIMP-1
Macrophage
VEGF
Lung edema
ARDS
Macrophage