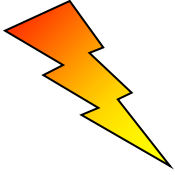


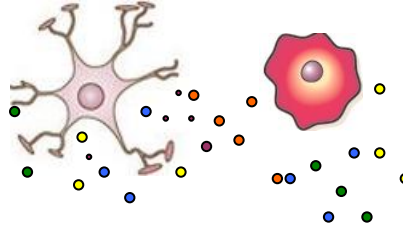
Stroke



Excitotoxicity
Oxidative Stress



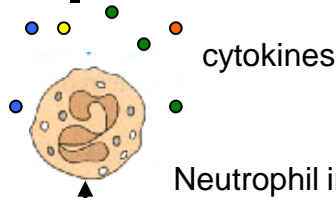
Reactive astrocytes Activated microglia



TNF- α , IL-1 β , IL-6
MCP-1, MIP-1 α , MMPs



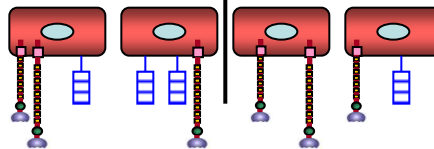
Neuronal Death



cytokines

Neutrophil infiltration

Endothelial
cells



Upregulation of
ICAM-1 and selectins

