

## **Keywords and Phrases for PRRs**

block viral replication within infected host cells

carbohydrates on bacteria, yeast, some viruses, and some parasites

chemotactic factors such as the chemokines

complement pathway proteins

such as C3b and C4b

endocytic pattern-recognition receptors

interleukin-1 (IL-1)

migration of leukocytes and defense chemicals from the blood to the infected site

opsonin receptors

promote the attachment of microorganisms to phagocytes

scavenger receptors

secreted signaling PRRs found in plasma and tissue fluid

signaling pattern-recognition receptors

signaling PRRs found in the cytoplasm

stimulate the synthesis of cytokines called interferons

stimulate the transcription and translation of inflammatory cytokines

the antibody molecule IgG

TLR-2

TLR-3

TLR-4

TLR-5

TLR-9

tumor necrosis factor-alpha (TNF-alpha)