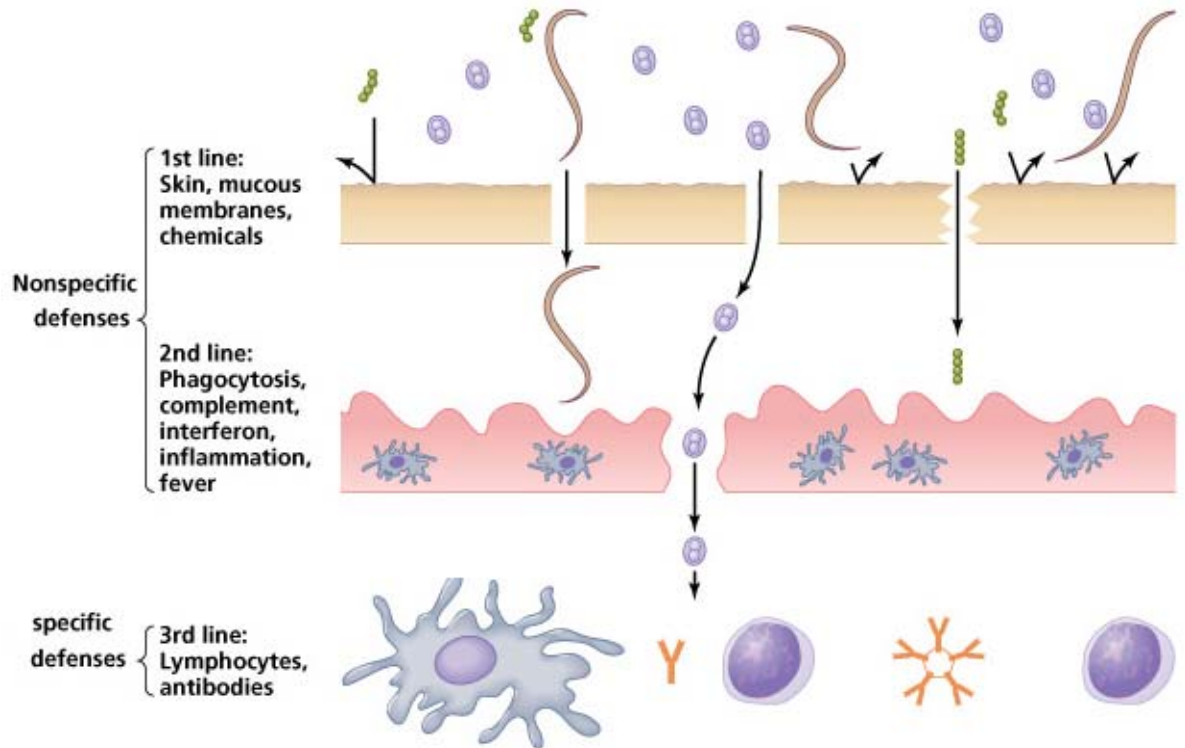


BODY DEFENSES: NON SPECIFIC

rvsd 15 March 2016

Martini 8th: 789-821, 9th:778-784, 10th: 794-828

NON-SPECIFIC DEFENSES: (table on p 797)



BARRIERS (p 797)

skin	keratin, sebum, hair, pH
mucous membrane	mucus flushes, lysozyme kills bacteria (also carries IgA antibodies)
cilia	respiratory escalator
pH	stomach, vagina

PHAGOCYTES

phagocytic leukocytes	neutrophils, eosinophils
Reticuloendothelial system: macrophages:	Kupffer cells, dust cells, microglia

INTERFERONS (p 799)

released by virus-infected cells
interferes with viral multiplication, stimulate macrophages

COMPLIMENT (p 800)

activated by antibodies, creates holes in foreign cells

INFLAMMATION (p 801)

mast cells release: heparin (anticoagulant)
histamine, causes inflammation:
(erythema, calor, edema, pain)

FEVER

pyrogens turn up thermostat, body metabolism
Some inhibition of viral and bacterial multiplication (a little...)

