**LYMPHATIC SYSTEM**

- Removes excess fluid from tissues
- Carries immune system molecules
- Destroys pathogens
- Absorbs fats

**Lymphatic Capillaries**

Removes excess water from tissues
Lymph Nodes

Macrophages inside nodes engulf pathogens

Spleen

Spleen- Macrophages engulf red blood cells
Splenic Circulation

Thymus

T-lymphocytes
Hormones

Tonsils

Red bone marrow: origin of many immune system cells (WBCs)
A tumor grows from a single cancer cell. Cancer cells invade neighboring tissue. Cancer cells spread through lymph and blood vessels to other parts of the body. Figure 8.9

Red Bone Marrow

Metastatic Cancer

Cancer Treatments

Chemotherapy uses drugs that disrupt cell division. Radiation therapy disrupts cell division.