LYMPHATIC SYSTEM

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

Lymphatic Capillaries

Removed excess water from tissues
Lymph Nodes

- Macrophages inside nodes engulf pathogens

Tonsils

- RED BONE MARROW: ORIGIN OF MANY IMMUNE SYSTEM CELLS (WBC’s)
**Spleen**

Spleen- Macrophages engulf red blood cells

**Splenic Circulation**

Figure 16: Histological structure of the spleen.

**Thymus**

T-lymphocytes hormones
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.