



HUMAN
ANATOMY

Seventh Edition

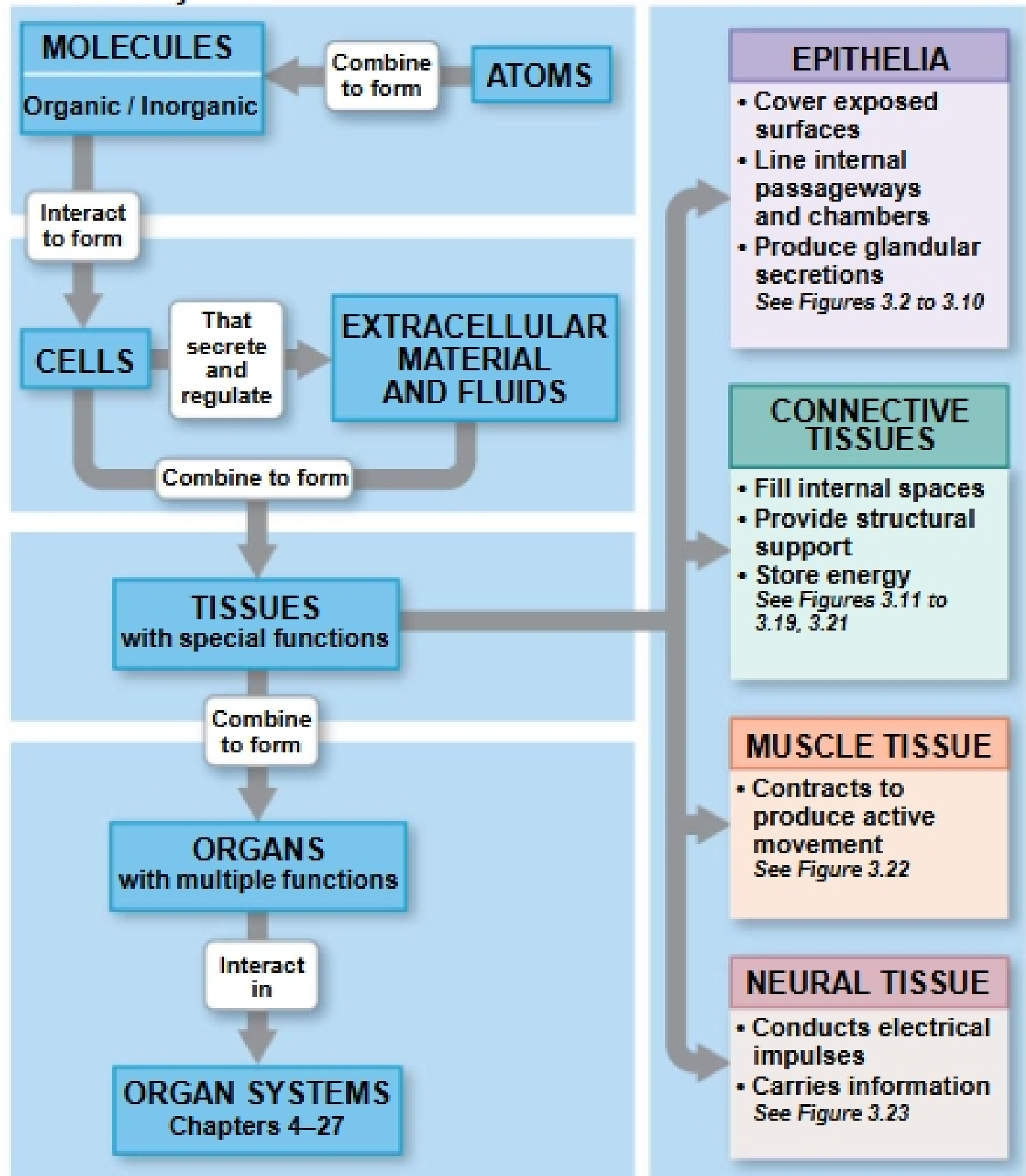
MARTINI
TIMMONS
TALLITSCH

3

Tissues

Figure 3.1 An Orientation to the Tissues of the Body

There are over 75 trillion cells in the body
 All cells can be placed into one of the four tissue categories:



6 Main Epithelial Tissue Characteristics



Cells are bound close together
No intercellular space

Maintaining the Integrity of the Epithelium

Three factors involved in maintenance

Factor 1) Intercellular connections

- a** Epithelial cells are usually packed together and interconnected by intercellular attachments. (See **Figure 2.18**)

