



TABLE 15-10

Summary of the development of immunity in animals. (Modified from Stites, Caldwell, and Pavia 1980.)

	Graft Rejection	Immunologic Specificity of Graft Rejection	Immunologic Memory	Phagocytosis	Encapsulation	Non-specific Humoral Factors	Phagocytic Ameboid Coelomocytes	Leukocyte Differentiation	Antibodies
Protozoans	Yes	No	No	Yes	No	No	No	No	No
Poriferans	Yes	Yes	Yes	No	Yes	No	No	No	No
Cnidarians	Yes	Yes	Yes	No	Yes	No	No	No	No
Annelids	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Probable	No
Mollusks	Yes	?	?	Yes	Yes	Yes	Yes	No	No
Arthropods	Yes	?	?	Yes	Yes	Yes	Yes	No	No
Echinoderms	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
Tunicates	Yes	Probable	Yes	Yes	Yes	Yes	Yes	Yes	No
Vertebrates	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes