

Chapter 1 – Key Terms

The following are terms or words you should know from material we have covered in Chapter 1. The terms are listed approximately the same order that they appear in the class notes and some of them may appear more than once. You should make sure you are familiar with these terms because they are commonly used throughout the textbook and in later classes. In addition, these terms could appear in the exams.

Vaccinia/Cowpox/Small pox

Innate

Adaptive

Vaccination

Polio

Polio eradication

Edward Jenner

Commensal flora

Probiotics

Clostridium difficile

Immunocompromized

Gut Lumen

Pathogen classes

Pneumocystis carinii

Cystic Fibrosis

Inactivated vaccine

Opportunistic pathogens

Goblet cells

Mucus

Epidermis

Dermis

Defensins

Lysozyme

Lactobacilli

Reg3 gamma

PAMPs

Lectin

Mannose binding lectin (MBL)

Effector Mechanism/ Effector cell

Lectin

Complement

Effector cell

Endocytosis

Inflammation

Vascular dilation (vasodilation)

Extravasation

Cytokines
Selectins
Sepsis (SIRS)
Clonal expansion
immunological memory
Hematopoiesis
Pluripotent stem cell
HSC
Differentiation
Self-renewal
Myeloid Lineage
Neutrophils
Eosinophils
Basophils
Monocyte/Macrophage
Dendritic
Mast Cells
Lymphoid Lineage Cells
Large lymphocytes
NK cells
Innate immunity
Small lymphocytes
B cells
T cells
Erythroid Lineage
Megakaryocyte
Erythrocyte
Complete Blood Count (CBC)
Antibodies
Opsonization
Neutralization
Lymph System
Thoracic duct
Lymphocyte recirculation
Primary lymph
Secondary lymph
Lymph nodes
Efferent lymph
Afferent Lymph
Thoracic duct
Lymphoid follicle
Germinal Center
T cell area
Thymus

Bone marrow
Spleen
White pulp
Red pulp
Splenectomy
Congenital Asplenia
Mucosal immune system
MALT/GALT/BALT
Immunodeficiency
M cell