RICKETTSIA, EHRLICHIA, and RELATED ORGANISMS

Date: Thursday, September 6, 2018 – 11:00 am

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Reading Assignment and References: Medical Microbiology, 8th Ed., by Murray, Rosenthal, and Pfaller, Chapters 34

EDUCATIONAL GOALS AND OBJECTIVES

A. EDUCATIONAL GOALS

After completing the readings and attending the lecture, you will be able to describe diseases caused by Rickettsiaceae, Anaplasmataceae, and Coxiellaceae

B. EDUCATIONAL OBJECTIVES: To attain these goals, you will be able to:

1. List the diseases caused by each organism
2. Describe the mechanism of pathogenesis of these organisms, including the location of replication in host cells
3. Describe the epidemiology that will assist the diagnosis of disease
4. List the vectors and reservoirs of each of these organisms
5. List the distribution of each disease in the U.S. and/or world
6. Describe the typical clinical manifestations of diseases caused by these organisms
7. Describe the distinguishing characteristics and/or hallmarks of specific diseases