TABLE OF CONTENTS Animal Microbiology [ed. 2020-03]

Introduction

Morphology and Structure of Bacteria

Physiology and Ecology of Bacteria

Disinfection and Sterilization

Infection and Pathogenesis of Bacteria

Bacterial Heredity and Variation

Classification and Nomenclature of Bacteria

Coccus of Gram Positive

Enterobacteriaceae

Pasteurellaceae

Gram Negative Aerobe

Gram Positive Aspsorogenous Rod

Gram Positive, Spore-forming Bacilli

Mycobacterium

Spirochaeta, Mycoplasma, Rickettsia and Chlamydia

Mycology

Viral Structure and Classification

Viral Replication

Heredity and Evolution of Virus

Virus-Cell Interactions

Pathogenesis of Viruses

Detection of Virus Infection

Double-Stranded DNA Viruses

Herpesvirales

Single-Stranded DNA Viruses

Retroviruses

Double-Stranded RNA Viruses

Mononegavirales

Minus Strand RNA Viruses of Segmentation

Nidovirales

Picornavirales

Other Viruses of Positive-Sense RNA

Prion

Bacteriophage.