TABLE OF CONTENTS Paratuberculosis: Organism, Disease, Control, 2nd Edition

- 1: Epidemiology, Global Prevalence and Economics of Infection
- 2: Mycobacterium avium subsp. paratuberculosis in Animal-derived Foods and the Environment
- 3: Paratuberculosis and Crohn's Disease
- 4: Genetics of Host Susceptibility to Paratuberculosis
- 5: Mycobacterium avium Complex
- 6: Comparative Genomics and Genomic Epidemiology of Mycobacterium avium subsp. Paratuberculosis Strains
- 7: Molecular Genetics of Mycobacterium avium subsp. Paratuberculosis
- 8: Proteome and Antigens of Mycobacterium avium subsp. Paratuberculosis
- 9: Host–Pathogen Interactions and Intracellular Survival of Mycobacterium avium subsp. Paratuberculosis
- 10: Drug Susceptibility Testing & Antimicrobial Resistance in Mycobacterium avium subsp. Paratuberculosis
- 11: Paratuberculosis in Cattle
- 12: Paratuberculosis in Sheep
- 13: Paratuberculosis in Goats
- 14: Paratuberculosis in Deer, Camelids and Other Ruminants
- 15: Infection of Non-ruminant Wildlife by Mycobacterium avium subsp. Paratuberculosis
- 16: Experimental Animal Models of Paratuberculosis
- 17: Immunology of Paratuberculosis Infection and Disease
- 18: Cultivation of Mycobacterium avium subsp. Paratuberculosis
- 19: Diagnosis of Paratuberculosis by PCR
- 20: Immune-based Diagnosis of Paratuberculosis

- 21: Paratuberculosis Control Measures
- 22: Paratuberculosis Vaccines and Vaccination
- 23: Development of New Paratuberculosis Vaccines.