

# **TABLE OF CONTENTS**

**Bovine tuberculosis: worldwide picture.**

**Mycobacterium bovis as the causal agent of human tuberculosis: public health implications.**

**Economics of bovine tuberculosis: a one health issue.**

**The epidemiology of Mycobacterium bovis infection in cattle.**

**Mycobacterium bovis molecular typing and surveillance.**

**Bovine tuberculosis in other domestic species.**

**Role of wildlife in the epidemiology of Mycobacterium bovis.**

**Molecular virulence mechanisms of Mycobacterium bovis.**

**The pathology and pathogenesis of Mycobacterium bovis infection.**

**Innate immune response in bovine tuberculosis.**

**Adaptive immunity.**

**Immunological diagnosis.**

**Biomarkers in the diagnosis of Mycobacterium tuberculosis complex infections.**

**Vaccination of domestic and wild animals against tuberculosis.**

**Managing bovine tuberculosis: successes and issues.**

**Perspectives on global bovine tuberculosis control.**