# **Titre d’article**: Tuberculosis Lesions of Bovine Carcasses in Algerian Municipal Abattoirs and Associated Risk Factors

**Abstract :**

Bovine tuberculosis (bTB) is a transmissible disease of livestock with high economic consequences. To estimate the prevalence and risk factors associated to bTB, a study was conducted in Algerian abattoirs involving detailed inspection, microscopic examination, culture of tissue samples and molecular investigation. Out of 3848 bovine carcasses examined, 184 (4.78%) exhibited visible lesions suggestive of tuberculosis (TB). Anatomically 84.8% of the lesions were found in thoracic cavity. Lesions were predominant in tracheobronchial lymph nodes (71.7%), lung tissue (4.9%) and retropharyngeal lymph nodes (4.9%), followed by hepatic tissue (3.8%) and retrohepatic lymph nodes (3.8%). Less frequently, lesions were observed in prescapular lymph nodes (1.6%), digestive tract (0.5%) and kidney (0.5%). The study revealed statistically high (p