Abstract

Medical data mining tools have dramatically impacted the health care industry by improving the
diagnosis of medical. Tuberculosis is disease caused by bacteria, called Mycobacterium
tuberculosis, TB usually attacks the lungs, but also bacteria can attack any part of the body
such as kidney or brain. This Paper describes a method Bayesian classification for automated
mycobacterium tuberculosis detection in tissues. Bayesian Classification approach is used to
classify in 2 classes:-Pulmonary and Extra Pulmonary, Bayesian classification approach able to
produce better performance with some input feature compared to the association method [7].

References

  probabilistic networks from data (Report SMI-91-1). Pittsburgh PA: University of Pittsburgh,
  Section of Medical Informatics. (Also available as Report KSL-91-02, from the Section on
  Medical Informatics, Stanford University, Stanford, CA.)
- Jiawei Han and Micheline kamber, Data Mining Concepts and Techniques.

Index Terms

Computer Science

Information Science

Keywords

Mycobacterium Tuberculosis Bayesian classification.