Tumor Detection Using Convolutional Neural Networks (CNN) Based Neural Network

Authors : Vinai K. Singh

Abstract : In Neural Network-based Learning techniques, there are several models of Convolutional Networks. Whenever the methods are deployed with large datasets, only then can their applicability and appropriateness be determined. Clinical and pathological pictures of lobular carcinoma are thought to exhibit a large number of random formations and textures. Working with such pictures is a difficult problem in machine learning. Focusing on wet laboratories and following the outcomes, numerous studies have been published with fresh commentaries in the investigation. In this research, we provide a framework that can operate effectively on raw photos of various resolutions while easing the issues caused by the existence of patterns and texturing. The suggested approach produces very good findings that may be used to make decisions in the diagnosis of cancer.
Keywords : lobular carcinoma, convolutional neural networks (CNN), deep learning, histopathological imagery scans
Conference Title : ICACNT 2022 : International Conference on Algebra, Combinatorics and Number Theory
Conference Location : Dubai, United Arab Emirates
Conference Dates : January 28-29, 2022