

## Abstract Details

**Title:** Colon Cancer Prediction using Neural Network

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**Abstract:** Cancer is a group of more than 100 different diseases. They affect the body's basic unit, the cell. Cancer occurs when cells become abnormal and divide without control or order. Like all other organs of the body, the colon and rectum are made up of many types of cells. Normally, cells divide to produce more cells only when the body needs them. This research improves the classification accuracy to detect the colon cancer by using the neural network. The pattern recognition neural network is used to recognize the pattern of the attributes that will decide whether a gene is normal or not. The data set used is arranged with the help of UCI repository.

**Keywords:** Colon Cancer, Neural, Fuzzy.