Recognition of Early Enterococcus Faecalis through Image Treatment by Using Octave

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Abstract : The problem of detecting enterococcus faecalis is receiving considerable attention with the new cases of beachgoers infected with the bacteria, which can be found in fecal matter. The process detection of this kind of bacteria would be taking a long time, which waste time and money as a result of closing recreation place, like beach or pools. Hence, new methods for automating the process of detecting and recognition of this bacteria has become in a challenge. This article describes a novel approach to detect the enterococcus faecalis bacteria in water by using an octave algorithm, which embody a network neural. This document shows result of performance, quality and integrity of the algorithm.

Keywords : Enterococcus faecalis, image treatment, octave and network neuronal

Conference Title : ICSBWM 2018 : International Conference on Sustainable Biomedical Waste Management

Conference Location : Venice, Italy

Conference Dates : April 12-13, 2018