SYSTEMS AND METHODS FOR CELL ANALYSIS

ABSTRACT

The present disclosure provides systems and methods for classifying and sorting a cell. The method can comprise processing image data of cells to generate a cell morphology map comprising a plurality of morphologically-distinct clusters corresponding to different types or states of the cells. The method can comprise using a classifier to automatically classify a cellular image sample based on its proximity, correlation, or commonality with one or more of the morphologically-distinct clusters.

FIG. 7