Title (en)
AUTOMATED FLOW CYTOMETRY ANALYSIS METHOD AND SYSTEM

Title (de)
VERFAHREN UND SYSTEM ZUR AUTOMATISIERTEN DURCHFLUSSZYTOMETRIEANALYSE

Title (fr)
PROCÉDÉ ET SYSTÈME AUTOMATISÉS POUR L'ANALYSE DE CYTOMÉTRIE EN FLUX

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EP 15868163 A 20151210

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Abstract (en)
[origin: CN107430587A] The invention discloses an automated flow cytometry analysis method and system. An automated method and system are provided for receiving an input of flow cytometry data and analyzing the data using a hierarchical arrangement of analytical elements, each of which utilizes a support vector machine to automatically classify the data into different subpopulations to recognize a pattern within the data. The pattern may be used to generate a diagnostic prediction for a patient or to identify patterns within samples collected from multiple subjects.

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