

ABSTRACT

DEVICE FOR PRODUCING INFORMATION FOR CELL ANALYSIS, METHOD FOR
PRODUCING INFORMATION FOR CELL ANALYSIS, AND PROGRAM

The purpose of the present invention is to make it possible to efficiently generate information for cell analysis. A feature-group information generating unit 42 generates, as feature-group information, information including values of N types of feature parameters (wherein N represents an integer having a value of 1 or more) about a morphological feature of a single cell of a plurality of cells or a morphological feature of a cell population based on data of one or more cell images included in a unit, the one or more cell images in the unit being selected from cell images capturing the cell population including the cells in accordance with a predetermined requirement. An analytical-model generating unit 44 or an evaluation-target information acquiring unit 46 acquires, as analyzing information for use in conducting predetermined cell analysis, information including values of M types (wherein M is an integer having a value independent of N) of parameters based on at least one of the N types of feature parameters included in the feature-group information.

Figure 2