INSTITUTE OF GENETICS AND CYTOLOGY AT NATIONAL ACADEMY OF SCIENCES OF BELARUS

PROGRAM “STAIN” FOR ANALYZING CELL IMAGES

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Image analysis of cell stained for detecting beta-galactosidase enzyme whose increased value is a marker of cell aging.

The program “Stain” allows quantification of stained pixels in cell images as well as a medium staining value of these pixels (parameter “staining rate”). Determination of a part of the stained cell surface to its total area including staining rate can be used in diagnostics for medical and biological purposes.

Form of collaboration: Licensed agreements on transfer of rights.

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