

Leukocytes segmentation methods in the images of peripheral blood and bone marrow preparations

Friday, 14 October 2016 09:30 (30)

One of the main stages of blood and bone marrow cells recognition at the acute leukemia diagnosing is the leukocyte segmentation. The quality of cell separation methods in computer microscopy can be constrained by different exposure conditions which can in turn cause worse segmentation quality. Leukocyte segmentation efficiency based on the histogram method is considered in the paper.

Primary author(s) : Mr. NIKITAEV, Valentin (prof); Mr. YURY, Zakharenko (undergraduate)

Co-author(s) : Mr. POLYAKOV, Evgeniy (postgraduate)

Presenter(s) : Mr. YURY, Zakharenko (undergraduate)

Session Classification : Poster session - V

Track Classification : Methods of experimental physics