Current Topics in Biophysics (Zagadnienia Biofizyki Współczesnej) vol. 21 (1), 1997, 43-45

Effect of fractioned hyperthermia on the morphological parameters of human erythrocytes

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Using flow cytometry, we were able to estimate changes of size and shape of erythrocytes after heat. The measurement of these prehemolytic changes was connected with the analysis of light scattering of each cell. The obtained data let us conclude that the cells were resistant to the second heat shock during the fractioned hyperthermia.