

Effect of radiation on –SH groups and transport in lymphocyte membranes - Wpływ promieniowania na grupy –SH i na transport w błonach limfocytarnych

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In this paper, the role of –SH groups as one of the main sites radiosensitivity of membrane of lymphocyte cells is discussed. The radiation- induced interphase death of these cells has been attributed to the damage of sulphydryl group of membrane proteins. The -SH groups of plasma membrane proteins control the Na^+ -dependent transport of amino acid which are involved in DNA synthesis, growth and other functions of the cell.