

rhythms of the basal absorption and digestive ability of monocytes in patients with MS without exacerbations are synchronized: the acrophase of absorptive activity precedes the acrophase of digestive ability. Cyclical fluctuations in PAM in patients who had no exacerbations have circadian periodicity with acrophase in the evening. In patients who have had 1 or 2 exacerbations during the year, the circadian rhythms of the spontaneous and stimulated PAM are absent. Desynchronization of induced digestive and absorptive capacity of monocytes, regardless of presence of exacerbations, states the highest sensitivity in the assessment of the immunopathological process in relapsing forms of MS in remission.

ГЕМАТОКОРРЕКТИРУЮЩЕЕ ДЕЙСТВИЕ «СКВААКАНА» В УСЛОВИЯХ СЕЗОННЫХ БИОРИТМОВ В ЭКСПЕРИМЕНТЕ

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В условиях модели лейко- и эритропении (использование цитостатиков «Циклофосфан», «Метотрексат», «5-фторурацил») изучена годовая динамика флуктуаций в популяциях клеток крови у крыс. Показано, что введение стабилизированного экстракта из печени колючей акулы (*Squalus acanthias*) «Скваакана» способствует значительной хронокоррекции негативных сдвигов, особенно в белом ростке.

HEMOPROTECTIVE EFFECT OF “SQUAAKAN” IN SEASONAL BIOLOGICAL RHYTHMS

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In the model of leuco- and erythropenia (by using of cytotoxic drugs “Cyclophosphamide”, “Methotrexate”, “5-FU”) has been studied the dynamics of the annual fluctuations in populations of blood cells in rats. It was shown that the consequence of injections the stabilized extract from liver of spiny dogfish (*Squalus acanthias*) — “Squaakan” is a significantly correction of negative changes especially in the white blood stems.