

OXIDATIVE MODIFICATION OF PROTEIN IN THE RATS' LIVER BY THE ACTION OF X-RAY

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We studied the 30 days long influence fractioned X-ray in total doses 0,3, 0,6, 0,9 and 1,2 Gr on the oxidative modification of protein in the rats' liver, which was valued by the level of aldechido- and keto-derivatives of denitrofenilgirason of neutral and main character. X-ray caused the increase of protein oxidative modification as well as neutral, so the main character after the completion of X-ray at all doses on the first and the tenth days; by this fact the level of aldegido- end keto- derivatives of main character was higher. After 20 and 30 days the level of oxidative modification of protein verge to control (data verification). The higher level of protein oxidative modification has been saved till 30 days long after the completion of X-ray.