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Title: Radioprotectors: synthetic and phytopreparations. Analysis and comparison

Recently, the problem of the effects of radiation on the human body has become especially acute: the Chernobyl accident, the Fukushima disaster, the increased possibility of blowing up the Zaporizka nuclear power station, general tension in the world - all of this has raised the issue not only and not so much about the correction of the consequences of radiation, but about the possibility of protection these consequences. It is always better to prevent defeat than to try to neutralize its consequences. Therefore, the search for substances with a radioprotective effect becomes even more urgent. Among such substances, special attention is paid to herbal medicines, which, compared to synthetic drugs, have less toxicity, a wide spectrum of action and a mild, prolonged effect. Our study is devoted to the analysis and comparison of the radioprotective capabilities of synthetic and herbal drugs.

Biography

Dr. Olha Storchylo graduated Odesa State University (Ukraine) at biochemistry in 1983. She completed her post-graduate in human and animal physiology and biochemistry at the Institute of Physiology Pavlov named of Academy of Sciences of USSR in 1988 at the age of 26 years and joined the Human and Animal Physiology Department of Odesa State University as an Assistant Professor. From 2008 till now, she is an Associate Professor of Medical Chemistry (now –Medical Biology and Chemistry) Department of Odesa National Medical University. Fields of interests are nutrition, digestion and absorption in the small intestine and effects of milk thistle fruits on it, total body irradiation, nutrigenomics and radio pharmacology. She has published more than 60 papers in reputed journals and has been serving as an editorial board member of 3 reputed journals.

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