

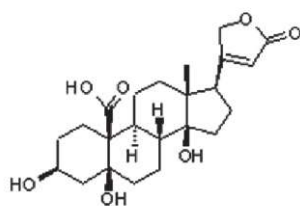
The estimation of efficiency of modern phytopreparation imupret in immunorehabilitation of patients with erysipelas at intercurrent period and its influence on the cellular immunity was conducted. It is set that in a nosotropic plan the application of phytopreparation imupret provides the positive dynamics of indexes of cellular immunity.

INFLUENCE OF COMBINED PHYTOPREPARATION
IMUPRET ON THE CELLULAR IMMUNITY AT
PATIENTS WITH RECEDIVE ERYSIPELAS IN
INTERRECURRENT PERIOD

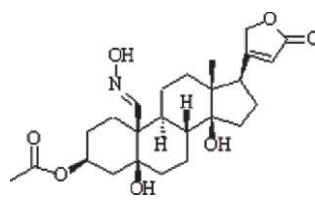
Key words: erysipelas, cellular immunity,

616.006:615.277.3+547.918

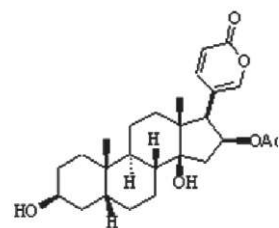
+ +-, 4500
 -13, / , 10-50 / [12].
 3' 3 -1 [4]. - -435 100
 , 25% , +/- +-.
 9271 , +/- +- [6].
 [10]
 [3]. 1^ Weidemann ().
 2005 [14]. 2000 [10].
 [2]
 (^) () - , () [2].
 + +- [13].
 « »



1



2



3

(1), (2),

/ /5 (3)

2.2.0.

FieldAlign 2.1.1. Cresset BioMolecular
Discovery Limited.
19- (1) 3- -19- (1) (2), (3) -
(2),
PLC/PRF/5 [5] ().

(1), (2) (3)

1	12	0,466	1,512	116	-78,403	242,971	-79,915	247,507	0,714	0,590
2		0,429	8,483		-70,204	213,833	-78,687	239,281	0,653	0,41
3	3	0,370	5,908	39	-60,577	201,561	-66,485	219,285	0,597	0,484
		0,481		41						0,623

1.

(1) > (3), . . . (2) > .
2. (1)
FieldAlign,
(2),
3- -19-
1,5
(2),

PLC/PRF/5.

1. . . . - / . . . -
// . . . - 2005. - 3. - C.
77-81.
2. Anticancer potential of animal venoms and toxins /A. Gomes, P. Bhattacharjee, R. Mishra [et al.]//Indian J. of Experim. Biol. - 2010. - Vol. 48. - . 93-103.
3. Determinants of human and mouse melanoma cell sensitivities to oleandrin /Y. Lin, W. P. Dubinsky, D. H. Ho et al. //J. of Experim. Therap. and Oncol. - 2008. - Vol. 7. - P. 195-205.
4. Digitoxin inhibits the growth of cancer cell lines at concentrations commonly found in cardiac patients / M. Lopez-Lazaro, N. Pastor, S. S. Azrak [et al.]//J. Nat. Prod. - 2005. - Vol. 68. - P. 1642-1645.
5. Digitoxin medication and cancer; case control and internal doseresponse studies /J. Haux, O. Klepp, O. Spigset [et al.]//BMC Cance. - 2001. - Vol. 1. - P. 1471-1476.
6. Inhibition of the sodium potassium adenosine triphosphatase pump sensitizes cancer cells to anoikis and prevents distant tumor formation / C. D. Simpson, I. A. Mawji, K. Anyiwe et al. // Cancer Res. - 2009. - 69 (7). - P. 2739-2747.
7. High-throughput screening identifies cardiac glycosides as potent inhibitors of human tissue kallikrein expression: implications for cancer therapies /1. Prassas, M. Paliouras, A. Datti [et al.]// Clin. Cancer Res. - 2008. - 14 (18). - P. 5778-5784.
8. Kometiani P. Digitalis-induced signaling by Na⁺/K⁺-ATPase in human breast cancer cells /P. Kometiani, L. Liu, A. Askari//Molpharm. -2004. - Vol. 67. - P. 929-936.
9. Lewis J. A. Molecule of the Month /J. A. Lewis // Current Topics in Med. Chem. - 2009. - Vol. 9. - P.117.
10. Multiplex gene expression analysis for high-throughput drug discovery: screening and analysis of compounds affecting genes overexpressed in cancer cells /P. H. Johnson, R. P. Walker, S. W. Jones et al. //Molec. Cancer Therap. - 2002. - Vol. 1. - . 1293-1304.

toad poison bufadienolides / Y. Kamano, A. Kotake, H. Hashima [et al.] // Bioorg. & Med. Chem. - 1998. - Vol. 6. - P. 1103-1115.

14. Weidemann H. Na/K-ATPase, endogenous digitalis-like compounds and cancer development - a hypothesis / H. Weidemann // *Frontiers in Bioscience*. - 2005. - 10. - P. 2165-2176.

19.01.2011

YU.I. GUBIN, I.F. MAKAREVICH,
S.YU. POVSTENKO, E.M. BEZCHASNYUK

Key words: cardiotonic steroids, tumors, cytotoxic activity

The mechanisms of the action of cardiosteroids on tumor cells were examined. The re-searches concerning the prognostication of antitumoral action of new substances were conducted.

1
2

()

() - - (),

[2, 14, 19].

4%

, 10%

 $[4, 11].$

[9, 25].

[23].