

/
« » - 41% 32% . japonica
 . japonica « »

a dose of 50 mg/kg showed *Ch. japonica*
- fruits, sort "Jan" - 41% and 32% for
- carrageenan-induced than zimozan-
- induced oedema, respectively. Fruits
- of *Ch. japonica*, sort "Jan", is a
- prospective raw material for further
antiinflammatory activity research.

615.214:616.45-001.1/3

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, , , -
 , [3]. -
 [6,7]. - 0,5 / (0,2 1
 10), -
 10 - 4 10
 (, , , -
 .), - 10 -
 [1,5,8,9]. , -
 , - (-) [2].
 , -
 , -
 , -
 , 5 : 1,
 3,5 400 g 15
 37° ,
 X = 414
 (-) /
 • 100%, - (-
 ; -
 18-20 . 336);
 4-
 ,
 (Aralia mandshurica), -
 (Eleutorococcus senticosus), -
 (Panax Ginseng L.) , -
 (Araliaceae); (Rhodiola rosea L.)
 ^rassulaceae); 3,5 ^ 50 (0,2).
 (Rhaponticum carthamoides) -
 (Asteraceae). -

14 , -

2, 4 7 [4]. 14 , -

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25,0% (.1).

4 , -

20,7%, 4 (<0,05).

31,2%, (<0,05).

(35,1±3,3% 18,0±2,5%) (<0,05)

(.2).

[5,8,9].

18,0±2,5% 2 10,2±1,3% 75,0%;

(<0,05), 4 10,0±1,8% (<0,05). 66,7%;

83,3%; 58,3%

50,0%,

100%

5

100%

5

12

1.

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2.- 7. Segerstrom S.C., Miller G.E. *Psychological stress and the human immune system: a meta-analytic study of 30 years of inquiry* // *Psychol. Bull.* - 2004.-Vol.130, 4.-P.601-630.
3. : - , 1997. - 73 .- 8. Skopinska-Rozewska E, Bychawska M, Biafas-Chromiec B, Sommer E. *The in vivo effect of Rhodiola rosea and Rhodiola quadrifida hydro-alcoholic extracts on chemokinetic activity of spleen lymphocytes in mice* // *Centr. Eur. J. Immunol.* - 2009.-Vol.34, 1.-P.42-45.
4. I. - .: ,2004. - 494 .- 9. Richard P. Brown, Patricia L. Gerbarg, Z. Ramazanov. *Rhodiola rosea: A Phytomedicinal Overview* // *American Botanical Council*.- 2002.-Vol.56.-P.40-52.
5. // .-1981.- .26, 2.- .242-245.
- 1998.- 11.- .21-23. //

28.05.2010

(n=10-12),

(M±m)

		-			(%)
		2	4	7	
(2)		1:145	1:80	1:45	25,0
	(2)	1:30	1:25	-/-	100,0*
		1:90	1:50	1:50	75,0
		1:85	1:65	1:55	66,7
		1:75	1:60	1:40	83,3
		1:100	1:75	1:65	58,3
		1:125	1:80	1:70	50,0

: * -

5

(%)

(n=10-12),

(M±m)

		-			
		2	4	7	
(2)		35,1+3,3	42,6+4,0	56,2+4,9	43,9+3,0
	(2)	18,0+2,5*	10,2+1,3*	10,0+1,8*	-/-
		34,4+3,0#	28,1+2,1*#	36,1+4,2*#	36,8+4,0
		32,0+3,6#	31,3+4,1*#	40,2+3,9#	39,1+4,4
		26,0+3,9*#	23,7+2,2*#	30,5+3,0*#	30,1+3,3*
		25,0+2,0*#	22,1+1,8*#	26,2+2,1*#	29,7+2,4*
		37,1+2,2#	38,0+2,8#	44,0+3,0*#	44,8+3,1

: * -

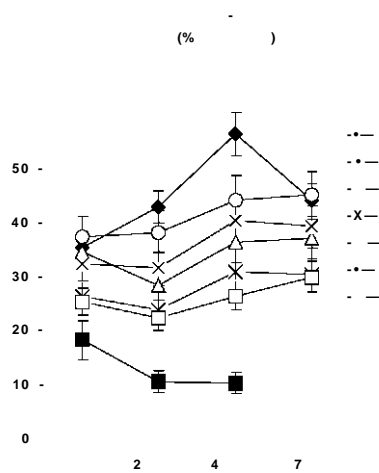
()

(< 0,05); # -

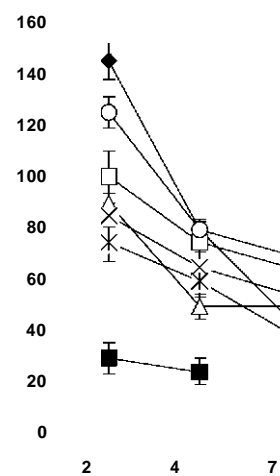
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(< 0,05).

(n')



(2)



4-

It is established that decoctions

- of the underground part of phytogenic adaptogenes (*Aralia mandshurica*, *Eleutherococcus senticosus*, *Leuzea carthamoides*, *Panax ginseng*, *Rhodiola rosea*) in a dose of 0,5 g/kg reduce the negative effects of stress on
- the cellular and humoral factors of
- antiviral resistance, increasing interferonogenesis and the reaction of blood K-cells in response to infection with influenza A virus after stress and significantly reducing the mortality of animals from viral infection.

Phytopreparation of *Rhodiola rosea* has

- the most expressed protective effect
- in the conditions of stress attrition stage, which, unlike others phytogenic adaptogenes most balanced stabilizes both humoral and cellular factors of resistance.



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1

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60% [6, 7, 15].

[1, 15].

2 20

[1, 14, 18].