

616.316.1- 091.8:613.68:591.39

... - , ... , ... , ...

-

« » «

- »,

. 0106U001858.

,

( ... , 2000; ... , ... ,

2001; ... 2001.; ... , 2007 ; Genco R.J.,1996.;

M.G.Newman, H.H. Takei, F.A. Carranza, 2002; T.G. Wilson, J.K. Kornman,

2003)

,

,

[2, 8, 9, 10] .

[3, 5, 6, 7]

,

,

,

.

,

,

,

,

,

[1, 4],

.

,

18

3

( , 18.03.1986 .),  
(1992 .)  
01.11.2000 .

281

( 1)

2-

3- -

2-

« » 15 .

10%



, .  
.

,  
( .2),

,  
.

,  
,  
.  
.

(21,25±0,71,  $t_{1-2} < 0,02$ ).

, , 2-

« »

, . . .  
.

,  
,  
,  
.

( .3),

, , 2,  
-

, ( 24,86±0,62,  $t_{2-3} < 0,001$ ,  $t_{1-3} >$   
0,05). « » -

: , . . . ,

1. ,

- , «

», 15

53

Ki-67

2,  
,  
,  
1,

( 53 Ki-67)

3,

« »,

53

, ...

Ki-67

( 1 , , 2).



2. . . / . . ,  
. . - : . . : - , 2001.  
- 304 .

3. . . : . ..  
... .. / - . .  
. . - , 2007. - 18 .

4. . . / . .  
, . . // . - 2010. - 4-14.  
- . 26-27.

5. . . . - , -  
, 2005. - 74 .

6. . . : . .  
... .. / . -  
, 2000. - 19 .

7. . . / . . . . //  
. - 2011. - 4. - .66 - 69.

8. . . . - , 2007. - 158 .

9. . . ,  
) ( ) /  
. . // . - 2002. - 3. - .45-50).

10. . . :  
. - : . -  
2005. - 362 .

616.316.1- 091.8:613.68:591.39

• • - , • • , • • , • •  
 •  
 3- - ,  
 • ,  
 , ,  
 ,  
 •  
 : , ,  
 , , •

616.316.1- 091.8:613.68:591.39

• • - , • • , • • , • •  
 •  
 3- - ,  
 • ,  
 , ,  
 ,  
 •  
 : , ,  
 ,

UDC 616.316.1- 091.8:613.68:591.39

**Morphofunctional peculiarities of submandibular salivary gland of rats in conditions of experimental hypokinesia in their mothers' organisms**

**G.Gubina-Vaculic, Y.Slynko, I.Sokolova, N.Colousova**

**Summary.** Morphofunctional condition of submandibular salivary gland of 3 months aged descendants of rats, whose mothers have been in state hypokinesia during pregnancy was studied. Changes of glandular cells, which consist of decrease of amount of these cells, volume of their cytoplasm, nucleuses' size, reduction of apoptosis and proliferation were determined.

**Key words:** hypokinesia of mothers, descendant, general homeostasis, salivary glands, glandular cells.