

. . . , . . .

(.), « »,

THE WHITE RATS' SUPRARENAL GLANDS' STRUCTURE AFTER XENOGENIC CEREBROSPINAL FLUID INJECTION AT IMMATURE PERIOD

V.V. Kisel'ov, N.K. Kashyrina

SUMMARY

The article describes histological and ultramicroscopic evaluation of immature white rats' suprarenal glands' structural changes caused by cerebrospinal fluid injection. Non-uniformity of these changes detected for different suprarenal cortical zones, a fasciculate zone endocrine cells activation and a reticular zone accelerated maturation marks are displayed.

. . . , . . .

.

:

(),

[5].

(),

[1].

[6],

« [6] »

4

1

[2],

II.

()

[3].

7- 30-

[4].

()

0,1

in vivo

(),

(³),

10%

100.

2,5%
1% OsO4 3 1 7
II (7-II).
1-

«OLYMPUS» 3-

«ImageJ». 2
1 7
II(7-II).

(Ind cyt/nucl). (.1). 1

	()	()	‰	/ 3	(3)'
7-II	41,17±4,62	3,68±0,51	0,09±0,02	0,91±0,05	4,06±0,58
7-II	44,00±2,83	4,90±0,54*	0,11±0,01	0,95±0,03	5,16±0,55*

: * ≤ 0,05

« »

3-4 (4-5), (.1),

808,81±56,44 [7].

12,27%, 63,74% 23,75%

20,23% (938,78±71,82). (.2).

25,38% (74,38±6,32),

– 12,51% (170,43±11,24),

– 41,87%, 734,30±37,17 (.)

2), (.)

2.

	7-II			7-II		
	-			-		
2	37,76± 4,35	77,88± 3,84	60,90± 3,05	32,18± 3,16*	116,04± 7,14*	94,39± 5,94*
2	10,77± 1,15	18,56± 1,63	17,96± 2,15	8,13± 1,09*	19,35± 2,38	17,64± 2,74
2	26,99± 1,32	59,32± 2,97	42,93± 2,32	24,05± 3,45	96,69± 5,18*	76,75± 5,85*
Ind cyt/nucl	2,51	3,20	2,39	3,21	5,00	4,35

:* ≤0,05

1,41 (1,52 () [9],
),
1,49
1,63 (.2).
Ind cyt/nucl 1,57

1. ... // -1978.- 9, 4.- 82-96.

2. ...

(1,55)

[8].

Ind cyt/

nucl (1,82), (2).

3. ... // 1986.— 12, 4.— 531-552.

4. ... // -2004.- 3.- 61.

5. ... // ,1998.— 134.— 89-95.

6. ... // « ... ».- ,2010.- 192 .

7. ... // 62850 , 62850 , (,7 61 35/24, 61 35/12. ... , ... ,15.12.2003, ... 12.-3 .

8. ... // , -1980.-264 .

9. Tepperman J., Tepperman H. Metabolic and endocrine physiology an introductory text.- Chicago&London.- 1989.-652p.