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FUNCTIONAL ACTIVITY OF MACROPHAGES AT PULMONARY FIBROUS-CAVERNOUS TUBERCULOSIS

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SUMMARY

There were determined expression of CD68 positive macrophages by immunohistochemical method in the lung tissue of 30 patients are operated concerning a fibrous-cavernous tuberculosis with MBT+ and MBT-. There were found out 371,6±12,1 positive macrophages in cases with MBT+, 256,7±5,2 positive macrophages in cases with MBT- (P<0,01). Three types of positive macrophages are selected: low, moderate and high level of functional activity. The most accumulation of CD68 functional-active macrophages is revealed in granulation tissue of cavity wall at fibrous-cavernous tuberculosis (MBT+).

30
+ -
(P<0,01). : (+) - 371,6±12,1, (-) - 256,7±5,2
CD68+
(+).

1995 [6,9,13,14].
1% [2,5].

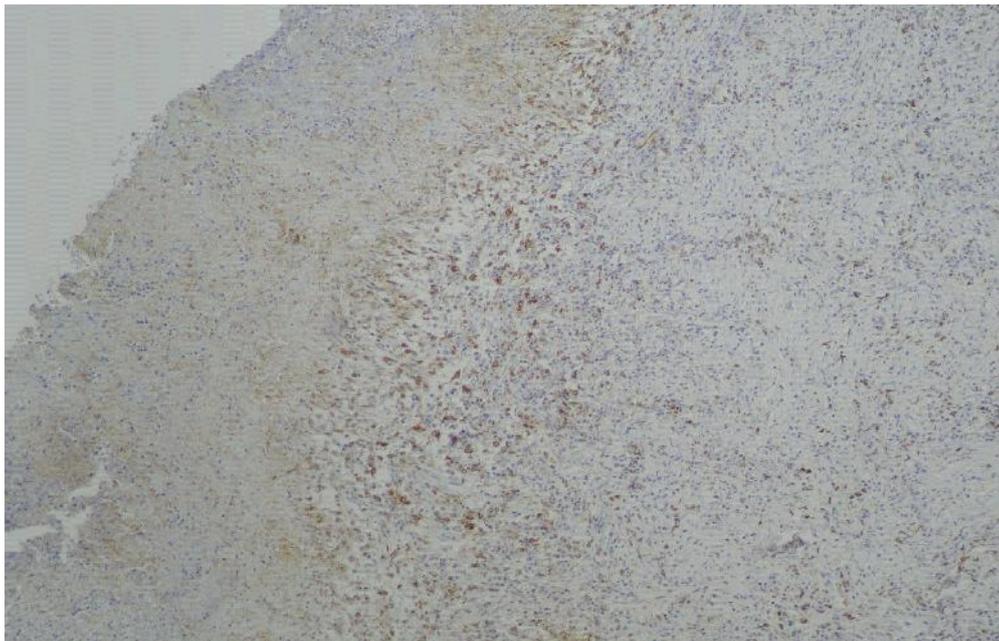
[3,8,10,11,14,15].

[2,3,4,5,6,7].

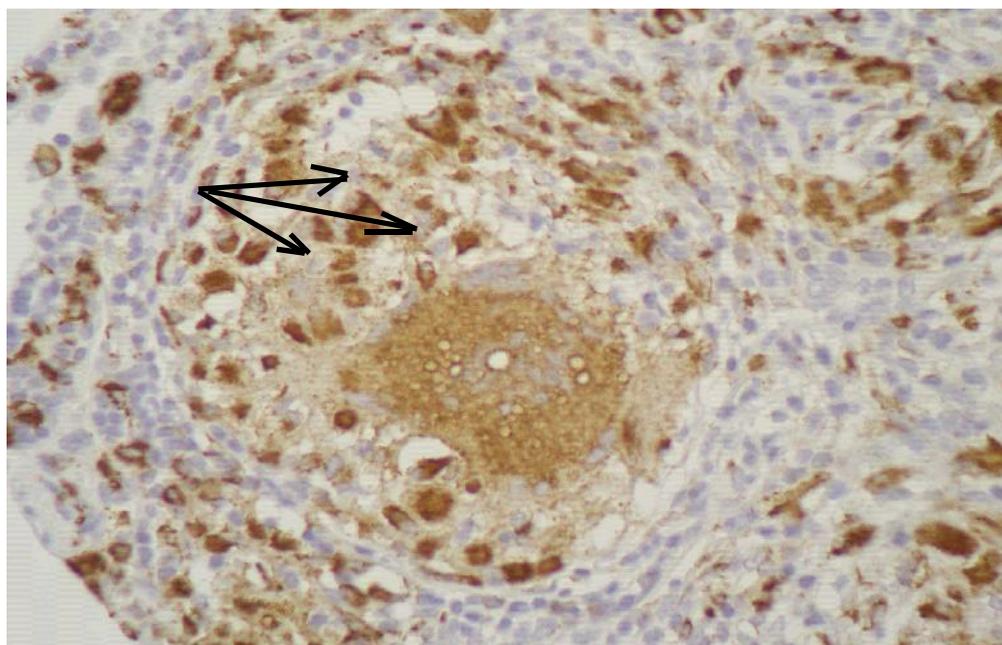
[8,15].

(),
,

CD68						
(+)	(n=15)	(-)	(n=15)	7	15	40
						65
						30
						26,7±2,4
						22,0±3,1
						21,6±3,5
						94,9±6,3
						-79,2±3,1
						-82,6±5,3
						(117,7±11,2)
						(173,5±7,8)
						(P<0,01).
						CD68
						(+)
						10
						200
						10
						CD68,
						OLYMPUS C 5050Z,
						OLYMPUS 41.
						73,9±3,2
						(39,7±5,3)
						«MedStat» (MS0011)
						(-)
						CD68
						2
						(40±3,2),
						(19,5±6,3)
						(-)-256,7±5,2,
						(+)-371,6±12,1,
						(P<0,01).
						CD68
						(+)(P<0,01).
						« »

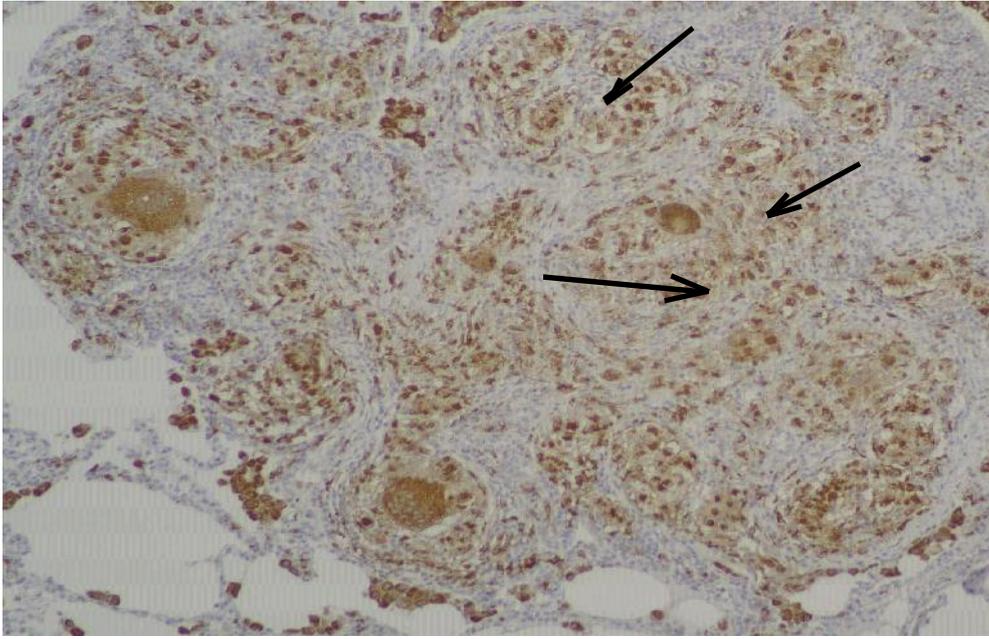


.1.1 (+).
 CD68;) :)
 FLEX. .10 . CD68
 (+) 68,0±3,2, () (+) 10
 52,6±3,8
 , -
 , -
 CD68 34,7±4,1,
 -
 (.2).

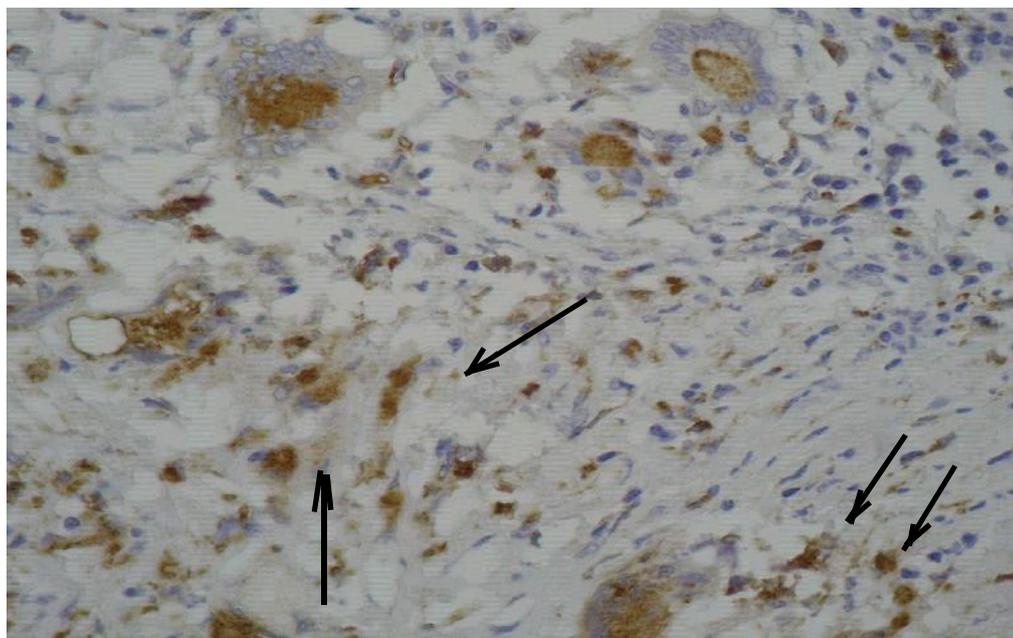


.2.1 (+). CD68+
 () FLEX. .20 . ()

$17,3 \pm 2,1$, $12,8 \pm 5,4$, $2,7$,
 (-) - (.3). (P<0,01).
 CD68 3,2 (65,3±3,2) (13,6±1,3).
 (+):



.3.2 (-). CD68+ () FLEX. .20 .



.4.2 CD68+ (-). CD68+ (-) FLEX. .20 .

CD68+

CD68.

« (+). »

(-)

« », (.4).

CD68

(+).

1. (+) 371,6±12,1
CD68 (-)-
256,7±5,2, -70,3±6,1 (<0,05).

2. CD68

3. CD68+

(+).

1. . . .

2. // :« »,2005.-288 .

3. // .-2004.- 22.
- .16-17.

3. . . .

4. // .-2004.- 8.- .3-7.

(-)

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