

# **Ultrastructural Changes of Dendritic Cells in Wound Healing**

(in Georgian)

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## **Summary**

The aim of study was definition of ultrastructural characteristics of dendritic cells participating in stub wound healing and their evaluation as a tool for wound age estimation. As the material of experimental study were used 100 adult Wistar white rats. The samples were taken from animals after 3 h, 6 h, 24 h, 3 days after injection.

The results of study revealed, that ultrastructural changes of dendritic cells vary according to the regeneration process of tissue and depend on inflammatory stimuli in different periods of wound healing. The ultrastructural characteristics of dendritic cells markedly change in injured area, confirming their high effectiveness for wound age estimation.

## **References:**

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