

**Karieva, V. V.; Lvov, S. V.**

**Mathematical model of liver regeneration processes: homogeneous approximation.** (English)

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Summary: This paper deals with the rules and the mechanisms regulation of liver regeneration. The generalized mathematical model was developed. This model has an explicit dependence on the control parameters. To solve this problem there were accepted the following assumptions: homogeneous approximation; small toxic factors.

**MSC:**

92C37 Cell biology

**Keywords:**

mathematical model; liver regeneration; homogeneous approximation

**Full Text:** [Link](#)