

# **Dynamics of Mathematical Model of Cell Cancer with Chemotherapy**

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## **ABSTRACT**

As we know that cancer is one of death disease that needs to receive great attention. The purposes of this research are to form a mathematical model of the spread of cancer with chemotherapy and to know the dynamics of the solution. The cancer cell spreading can be modeled in the form of mathematical equations, namely the system of differential equations. From the system formed, we obtain equilibrium points and dynamic analysis of the model.

Kata Kunci: *mathematical models, cancer cells, chemotherapy*