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## **Comparative study of melaphen and kinetin influence on the growth and energetic process of plant cells**

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### **Abstract**

The results obtained for the unicellular algae *Chlorella vulgaris* as an object indicate that synthetic preparation melaphen, like kinetin, participates in regulation of many physiological processes in plants. It is concluded from the data on unidirectional action of natural phytohormone kinetin and melaphen on the plant cell. However, their action mechanism can be not identical.

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