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**Summary:**

The effect of MKN-45 metastatic gastric cancer-secreted exosomes on angiogenic characteristics of HUVEC endothelial cell line

**Abstract:**

The study aimed to investigate the angiogenic characteristics of exosomes secreted from MKN-45 metastatic gastric cancer cells and their effects on HUVEC endothelial cells. The exosomes were isolated using ultracentrifugation and particles were counted using a nanoparticle tracking analyzer (NTA). The results showed that the exosomes significantly increased the angiogenic characteristics of HUVEC cells, indicating their potential role in the progression of gastric cancer.

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**Keywords:**

Exosomes, gastric cancer, angiogenic characteristics, HUVEC.