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Title: Characterization of Urothelial Cancer Circulating Tumor Cells with a Novel Selection-Free Method

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Keywords: circulating tumor cells, bladder cancer, survival, EpCAM, cytokeratin

Abstract

Objective: To investigate circulating tumor cells (CTCs) as biomarkers of urothelial carcinoma (UC). The majority of this work to date has utilized the CellSearch test, which has limited sensitivity due to reliance on positive selection for the cell surface protein EpCAM.

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