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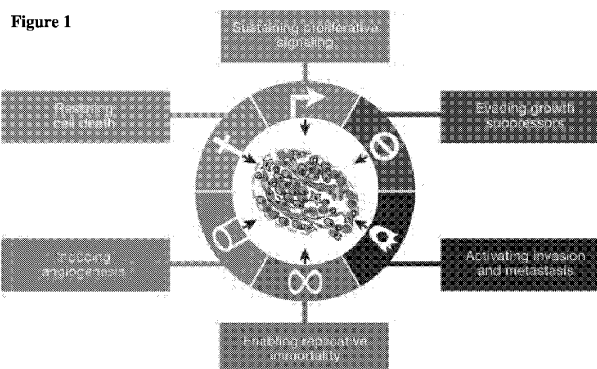
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(54) Title: DEVICES, SYSTEMS AND METHODS FOR INHIBITING INVASION AND METASTASES OF CANCER



Source: Douglas Hanahan, Robert A. Weinberg, Cancer Cell 2011

(57) Abstract: The invention generally relates to a microfluidic platforms or "chips" for testing and understanding cancer, and, more specifically, for understanding the factors that contribute to cancer invading tissues and causing metastases. Tumor cells are grown on microfluidic devices with other non-cancerous tissues under conditions that simulate tumor invasion. The interaction with immune cells can be tested to inhibit this activity by linking a cancer chip to a lymph chip.