

Tumor Targeted Nanobubbles for Real Time Ultrasound Guided Prostate Cancer Biopsy and Therapy



Technology

Opportunity

- Nearly 1.3 million prostate biopsies / year in USA
- Estimated cost of a nanobubble injection: \$300-\$500
- Total US market opportunity: \$390M for initial biopsy plus \$63M for follow up biopsies
- Healthcare cost savings: reduction in repeat biopsies can reduce costs by >\$2.3B
- PSMA also expressed in head and neck cancers,

Biopsy of prostate tumors. Ultrasonic excitation of PSMA NB, known as TNT, kills cancer cells and expands technology to therapeutic applications.

Seeking

Technology Readiness

Large animal studies underway, non GMP Tox completed; Clinical studies planned

Commercial Pathway

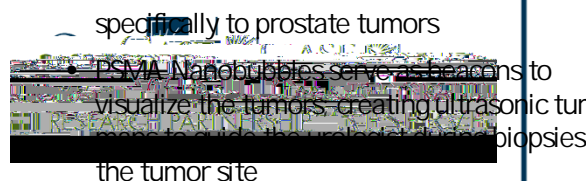
Available for licensing and/or start up consideration

Intellectual Property

1 issued patent, 5 pending applications

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- Procedure fits into existing workflow, builds upon existing technology