

COMPANIES & DEVELOPMENTS

Cancer Diagnostic Breakthrough Invented at MIT

MIT spinout **Travera** will commercialize a new diagnostic technology **can predict how patients will respond to different drugs before the patients take the drugs**. Invented at MIT to measure which cancer drugs work against an individual's unique cancer. This revolutionary diagnostic test will enable oncologists to quickly determine which drugs to prescribe based on the actual responses of their patients' tumor cells.. [more](#)

FDA Fast Track for Oral Mucositis in Head & Neck Cancer in Phase 3

Severe oral mucositis is defined as **ulcers so painful that the patient can no longer eat and/or drink**. Many are on high doses of opioids for their cancer and the pain is still so severe that they cannot eat and/or drink such that they discontinue their cancer treatment. This debilitating side effect has no approved treatment therefore **Soligenix** received FDA fast track status and is well into Phase 3. [more](#)

New Technology Using Light Therapy Kills Cells with No Side Effects

A new breakthrough **energy-based cancer therapy has the ability to kill cancer cells with no side effects in five different cancer cell types**: breast, prostate, and the pancreas. This new therapy induces rapid cell death in over 80% in just two hours. [more](#)

Real-time, In vivo Imaging Platform to Guide Surgeon During Cancer Surgery

A real-time, in vivo imaging platform guides surgeons during cancer surgery. This breakthrough technology illuminates cancer cells and other diseased tissues at the molecular level, allowing surgeons to take action and better patient outcomes. Currently, there is a technological gap at the molecular level. Surgeries are being completed without being able to distinguish between healthy and cancerous tissue. This technology solves the problem. [more](#)

Gray Scale Images Convert to Detailed Color Images to Better Diagnose Breast Cancer

Using a standard Xray mammogram as an input **Imago provides an output with new clearer images and report within seconds**. The Imago ICE transforms the mammogram, producing new images using a series of algorithms revealing characteristics and tissue types not easily seen in the original. The system integrates seamlessly with current radiological systems. [more](#)



The *Cancer Progress Report* is produced for [The Cancer Consortium](#), a global association of companies developing high potential new technologies and approaches and committed to collaboration and partnerships to advance the development of cures for cancers. Visit its new s site and global database [LINK](#).