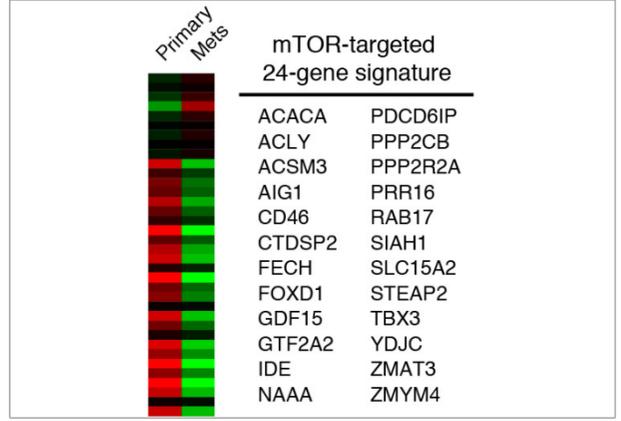




Vanadium compounds enhance efficacy of oncolytic viruses when used in combination therapy

A new class of compounds is generating excitement for its ability to enhance the efficacy of oncolytic viruses (OVs) and to stimulate the immune response against tumours when used in combination therapy.

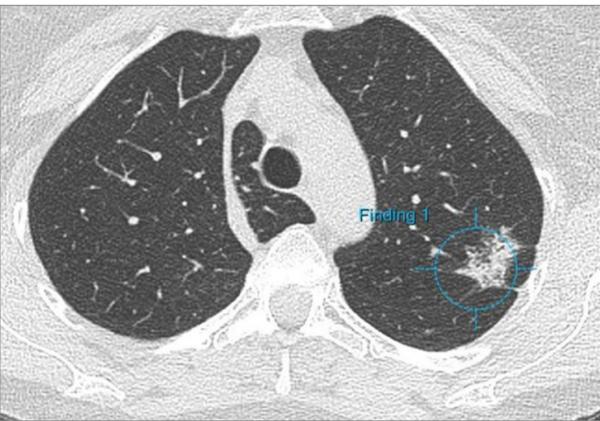
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Nuclear mTOR acts as a transcriptional regulator of metabolism in prostate cancer

A recent study by TFRI's cancer metabolism group suggests nuclear mTOR (a kinase) also works as a transcriptional regulator of metabolism in the proliferation of prostate cancer.

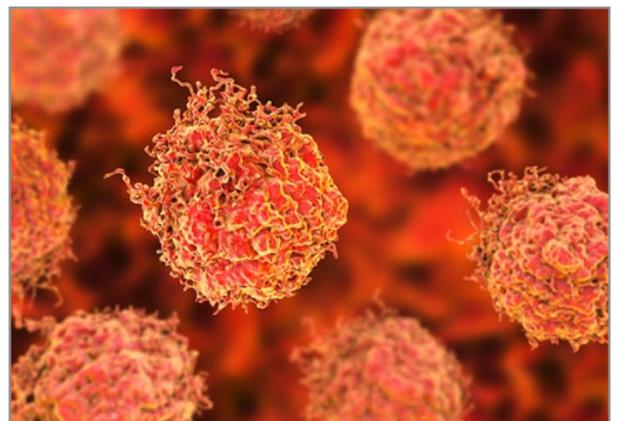
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Made-in-Canada model for detecting lung cancer saves lives, is a world leader

A pan-Canadian team of researchers has developed a model for detecting early-stage lung cancer in high-risk individuals with significantly greater accuracy than other leading models.

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Mitochondrial mutations drive prostate cancer aggression

A paper from a prolific TFRI-funded team has suggested an important interplay between nuclear mutations and mitochondrial genome mutations when it comes to prostate cancer tumours.

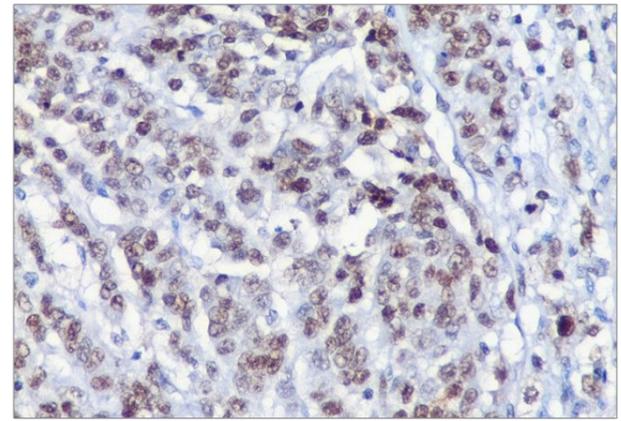
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Ultrasound-stimulated microbubbles enhance radiation effect on prostate cancer cells

Toronto researchers have shown ultrasound-stimulated microbubbles are a novel type of treatment that may make cancer cells more susceptible to radiation therapy without damaging healthy cells.

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Therapeutic target EZH2 discovered for aggressive, untreatable ovarian cancer affecting young women

A Vancouver team has discovered an important therapeutic target for treating small cell carcinoma of the ovary, hypercalcemic type (SCCOHT).

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Other TFRI News

[Across Canada in November 2017, the launch of Terry Fox PROFYLE made headlines. >](#)

TFRI has funded two New Investigators: [Robert Kridel \(UHN\) is conducting research in lymphoid cancer >](#) [Sachin Katyal \(CCM\) is exploring DNA repair for glioblastoma. >](#)

[See the full talks by Drs. John Bell, John Dick, Stephen Lam and Marco Marra, who presented our Marathon of Hope Lecture Series \(CCRC 2017\). >](#)

[A record 500 people attended our Ontario Node Day in December. View here >](#)

[TFRI celebrated its 10th anniversary on Nov 4th, 2017 at its 8th Annual Scientific Meeting with talks on The Potential of Precision Medicine and an anniversary dinner. >](#)

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