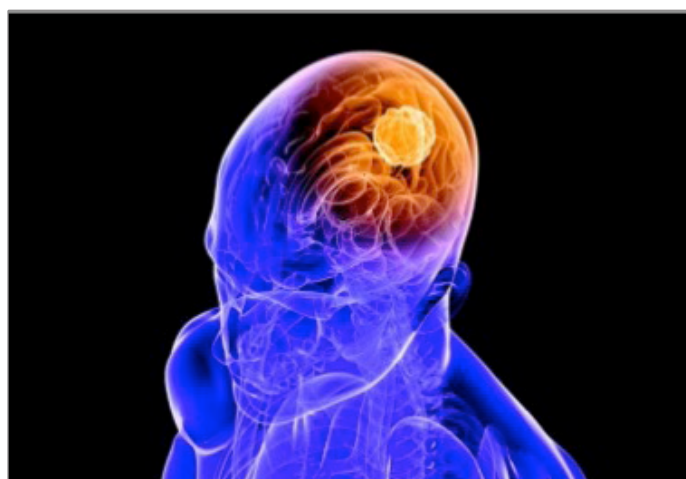




## Hypoxia team makes game-changing findings about tumour cells and oxygen consumption

A novel discovery of how tumour cells control the amount of oxygen they consume under conditions of limited oxygen availability provides new insights for cancer tumours and a rare vascular disease.

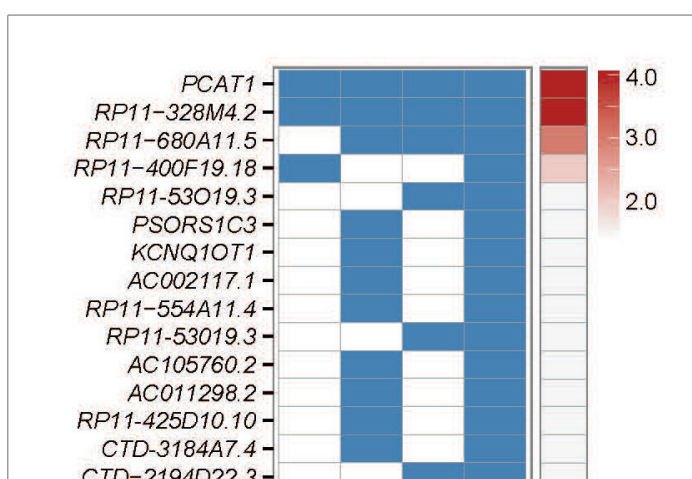
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## Team finds two new inhibitors that show potential for treating adult brain cancer

Evidence generated in a study by TFRI's glioblastoma research "dream team" strongly suggests that drugs targeting epigenetic modifiers should be considered as candidate therapies for GBM.

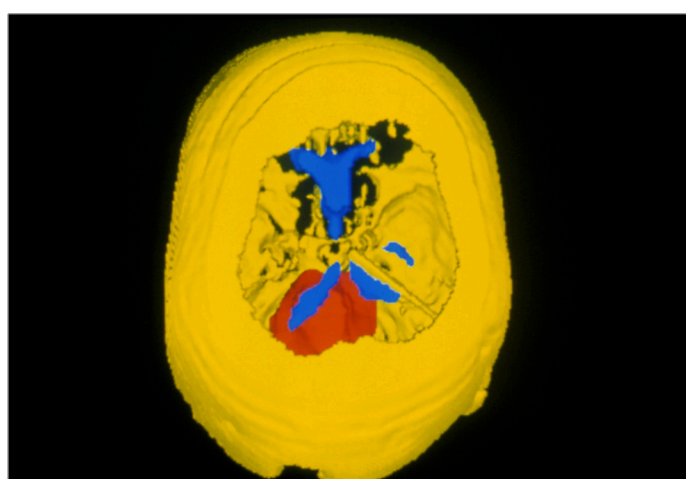
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## Study shows how differences in the germline influence the type of prostate cancer that arises

An international team of researchers, including funded TFRI investigators, has identified 45 candidate lncRNAs associated with risk for prostate cancer. The top hit was PCAT 1, found to promote prostate cancer cell proliferation and tumour growth in vitro and in vivo.

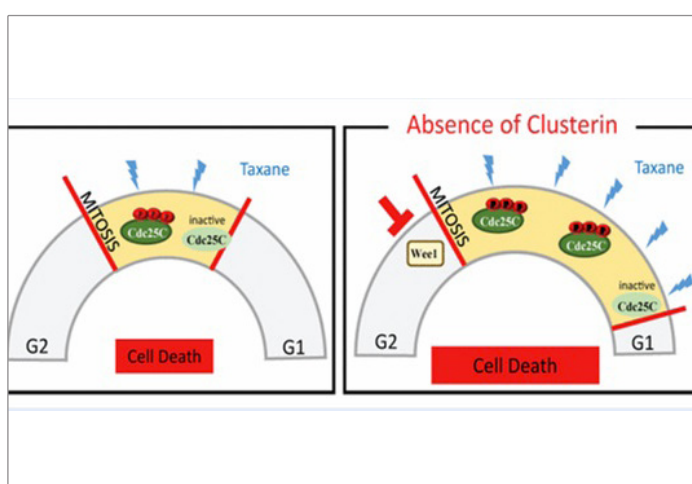
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## Study of common childhood brain cancer demonstrates value of personalizing treatment

This study team found that children with less aggressive subtypes of medulloblastoma had spared intelligence, and their survival was not compromised, when they received less radiation.

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## Clusterin knockdown can improve treatment response for prostate cancer

Silencing a key driver of castrate-resistant prostate cancer and regulating cell division can improve patient drug response, this Vancouver-based team has found.

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## Inexpensive algorithm will increase accuracy of diagnosis of ovarian cancer

TFRI's COEUR team has developed a new and inexpensive algorithm for classifying the five different ovarian subtypes to assist in identifying and assigning ovarian cancers to their proper subtype and, thus, providing greater opportunity to improve treatments and outcomes for these patients.

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[Images posted from Ontario research symposium \(400+ people attended\) >](#)

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