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.

Study shows how differences in the germline influence the type of prostate cancer that arises
An international team of researchers, including funded TRFRI investigators, has identified 45 candidate IncRNAs 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.

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.

Team finds two new inhibitors that show potential for treating adult brain cancer
Evidence generated in a study by TRFRI's glioblastoma research “dream team” strongly suggests that drugs targeting epigenetic modifiers should be considered as candidate therapies for GBM.

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.

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.

Team finds two new inhibitors that show potential for treating adult brain cancer
Evidence generated in a study by TRFRI's glioblastoma research “dream team” strongly suggests that drugs targeting epigenetic modifiers should be considered as candidate therapies for GBM.

Other TRFRI News
2017 New Investigator award recipients announced
Nov. 4, 2017: Save the Date for TRFRI's 8th Annual Scientific Meeting
Stem-cell based test predicts leukemia patient's response to therapy
Whole genome sequencing study helps BC team learn how follicular lymphoma occurs in patients
Images posted from Ontario research symposium (400+ people attended)

Links is compiled and circulated quarterly by TRFRI to highlight recently published research by our funded investigators. It is produced by TRFRI HQ in Vancouver, BC. TRFRI is either the principal or supporting funder of the research presented here. We hope you enjoyed reading this issue. Please send any questions or feedback to:

links@tfri.ca

Previous issues are available online in our E-Newsletter Archive.

Visitwww.tfri.ca for more information about our research investment portfolio.