

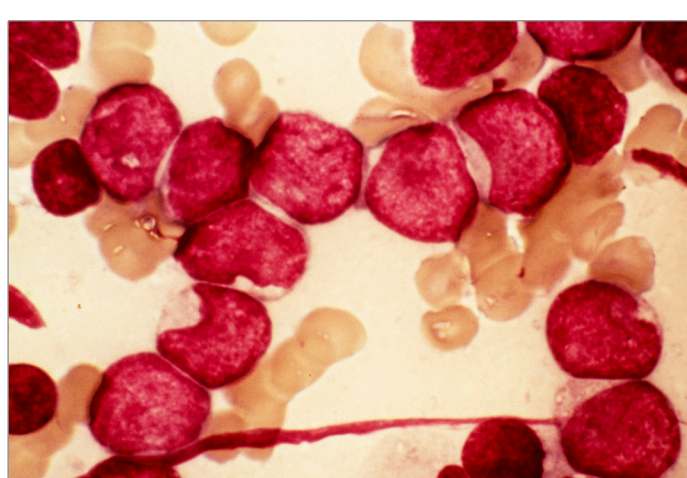


## Our first issue

Welcome to our first issue of TFRI Links! The primary purpose of this new quarterly e-newsletter is to regularly provide you with a selection of research findings published by our funded researchers in leading scientific journals. The selections are made in consultation with an ad hoc advisory group within TFRI. We will also share other Institute news and information that we hope you will find useful. Please send feedback or questions to [links@tfri.ca](mailto:links@tfri.ca)

Dr. Victor Ling, O.C., O.B.C., PhD  
President and Scientific Director

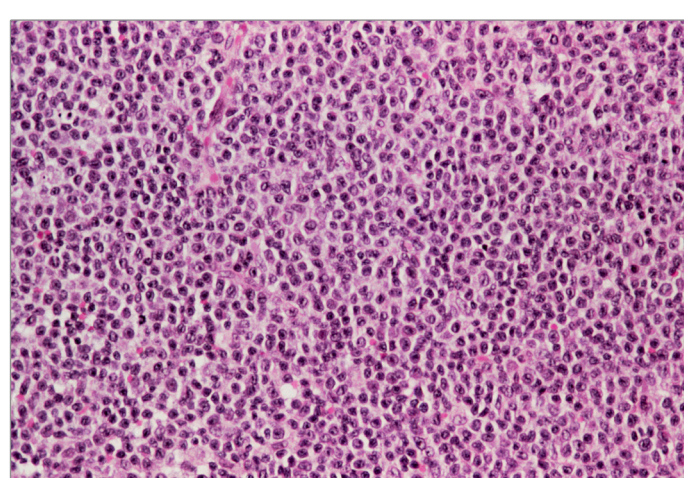
(Photo: Dr. Victor Ling with Terry Fox statue, Ottawa 2013)



### Stem cell scientists discover genetic switch to increase supply of stem cells from cord blood

International stem cell scientists, co-led in Canada by Terry Fox-funded scientist Dr. John Dick and in the Netherlands by Dr. Gerald de Haan, have discovered the switch to harness the power of cord blood.

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### B-cell lymphoma, dual expression of MYC and BCL2 and patient relapse

Four hundred and twenty eight (428) patient biopsies from newly diagnosed diffuse large B-cell lymphoma were evaluated for dual expression and the findings will help refine the identification of patients at high-risk for central nervous system relapse.

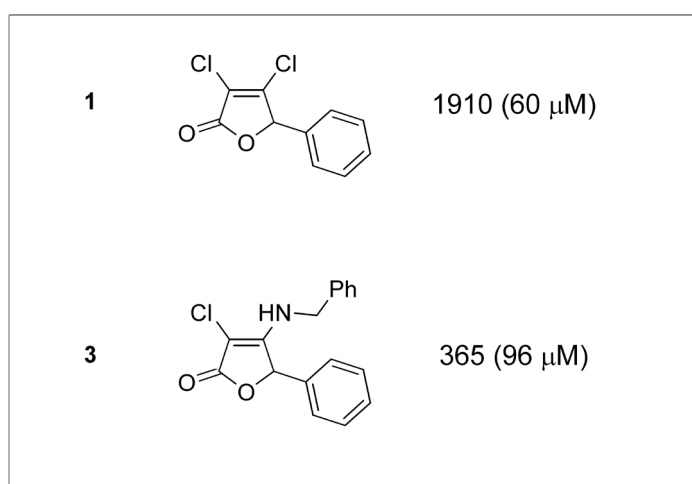
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### Ovarian cancer: mapping the clonal spread

This BC-based team of TFRI-funded scientists mapped the different patterns of metastatic spread in the peritoneal cavity of women with high-grade serous ovarian cancer.

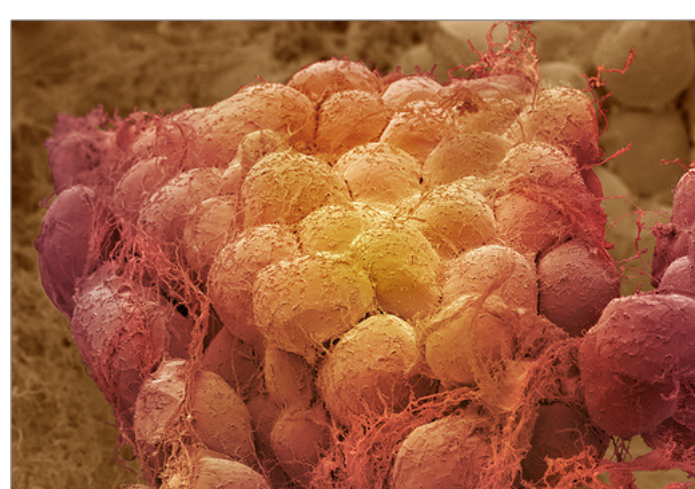
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### New class of small molecules enhances OV replication

A collaborative group of researchers in Ottawa has developed a class of new small molecule compounds that selectively enhance oncolytic viruses in cancer tissue.

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### Montreal team advances understanding of fat-cancer linkages with discovery of new molecular pathway

Knocking out the tumour suppressor protein folliculin triggers a series of biomolecular signals that turn fat storage cells into fat burning cells.

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### “Smart” nanoparticle (PEARLS) is a promising gem to target and treat tumours with greater precision

A team of biomedical researchers have discovered a “smart” organic, biodegradable nanoparticle that uses heat and light in a controlled manner to potentially target and ablate tumours with greater precision.

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## Other TFRI News

[2016 Terry Fox Run update: TFRI teams show immense support >](#)

[Seven LOI teams invited to submit full applications for 2017 PPG Competition >](#)

[TFRI's 2017 ASM meeting date, location >](#)

[Terry Fox PROFYLE: Learn more from this mini web site >](#)

[TFRI announces 2016 Funding Competition Award Recipients \(PPGs and Translational\) >](#)

[Why are zebrafish useful in studying genetic diseases? Dr. Jason Berman at Dalhousie explains >](#)

*Links is compiled and circulated quarterly by TFRI to highlight recently published research by our funded investigators. It is produced by TFRI HQ in Vancouver, BC. TFRI 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](mailto:links@tfri.ca)*

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