invitrogen

Let's talk about CRISPR

Join us for a technical seminar to learn how easy CRISPR-Cas9 editing can be

The last few years have seen dramatic technical leaps in the ability to precisely manipulate the mammalian genome. Development of precision genome editing tools like TAL effector nucleases and CRISPR systems has enabled the specific introduction of targeted DNA double-strand breaks. These systems provide a platform for high-efficiency genome editing that can lead to innovative applications in cell engineering.

Join us for the seminar, "Simple CRISPR genome editing starts here," where we'll discuss the complete CRISPR editing solution designed to expedite your research. With easy-to-use, optimized, and validated solutions that span the entire cell engineering workflow, genome editing is now accessible to anyone at any level.

Join us for the seminar and discover:

- What genome editing is and what tools are available today
- What CRISPR-Cas9 is and how it works
- How to confidently design precise, efficient CRISPR guide RNAs (gRNAs) that have minimal off-target potential
- How to generate pure gRNA using *in vitro* transcription—right at your lab bench
- The various CRISPR-Cas9 formats available today and which is best for your specific application
- Transfection optimization for efficient CRISPR-Cas9 delivery

Seminar details

Date:	Thursday, October 13, 2016
Time:	2:00–3:00 p.m.
Location:	PMCRT (TMDT) Tower 101 College Street, Toronto, Ontario M5G 1L7 Room 4-204

Light refreshments and snacks will be provided.

To find out more about this event or our products and services, contact:
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To register, go to **thermofisher.com/eventregistration**

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