

Green Gene Revolution

How genomics can create a cleaner future

A fun-filled day about environmental genomics featuring:
dynamic speakers | hands-on activities | science, society & the real world

Bring your Grade 10 - 12 students to explore how
biotechnology is shaping a more sustainable future.



7 May, 2013
10:00 am - 2:15 pm

Room 116
Wallberg Bldg.
University of Toronto
200 College St.
Toronto, ON

Registration is free, but space is limited!

Sign up now at
<http://greengene.eventbrite.com>

Supported by



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Program

- 10:00 am Welcome
- 10:05 am Engineering biology for energy & environment
Prof. Krishna Mahadevan
- 10:35 am Plants as plants (the factory kind): how biotechnology is changing the way we use renewable biomass
Prof. Emma Master
- 11:10 am Interactive demonstration: microarrays
- 12:00 am Lunch & quiz
- 12:35 pm Student discussion
Synthetic biology: "Should we bring back the woolly mammoth?", and other ethics questions
- 1:15 pm Alternative careers & entrepreneurship
Peter Azmi, Innovations Broker, University of Toronto
Christina Heidorn, Communications Manager, BioZone
Phil Dennis, Senior Scientist, SiREM
- 1:45 pm Bioremediation: Using bacteria to clean up pollution
Cheryl Devine (PhD Candidate)
- 2:10 pm Closing remarks

Supported by:



Ontario **Genomics** Institute

BioZone

Centre for Applied Bioscience and Bioengineering