



KEEP CALM AND CARRY A PIPETTEMAN

THE MICHAEL SMITH LABS PRESENT OUR

MOLECULAR BIOLOGY WORKSHOP

2014 Spring Session *University of British Columbia, Vancouver, Canada.*

ONE WEEK VERSION - MOLECULAR BIOLOGY WORKSHOP

Feb 17th to Feb 21st, 2014 (CAN\$1400)

DESCRIPTION: This intense 5 day workshop will focus on a myriad of different techniques used in the molecular manipulation of DNA, RNA and protein, as well as inclusion of lectures of high throughput genomic techniques. Primarily aimed at researchers who are new to the area, familiar but require a quick updating, or would like more practical bench training.

Hands on techniques covered include: Various nucleic acid purification methodologies (silica bead, organic, and/or pl based), restriction digests, ligations, dephosphorylation assays, agarose gel electrophoresis, transformation (including electroporation), PCR, reverse transcriptase assay, real time qPCR, SDS-PAGE, Western blot analysis, Isoelectric focusing strips, and 2D protein gels. Lectures on next-gen sequencing, SNPs, microarrays, bioinformatic tools.

To register or inquire about the workshop, please contact Dr. David Ng at db@mail.ubc.ca or 604-822-6264. More information can be found at bioteach.ubc.ca/mb-workshops/

REVIEWS FROM LAST WORKSHOP:

"Excellent workshop! Very good review of the molecular biology techniques. Dave makes the theory very clear and interesting. Also takes time to answer specific questions/issues regarding personal ongoing projects. The workshop will definitely help for future troubleshooting. Thanks!"
Chantale André, Environment Canada

"I found it to be a nice combination of review and new material. It was well paced, with each day balanced with lecture and hands-on work. Dave does a great job with getting the information across in an easy to understand manner, and was energetic and entertaining to boot."
Jeremy Johnson, Okanagan Specialty Fruits