

# DNA protein RNA

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## THE MICHAEL SMITH LABS PRESENT OUR PROFESSIONAL TRAINING WORKSHOPS 2009 Spring Session.

### ONE WEEK VERSION - MOLECULAR TECHNIQUES WORKSHOP

March 16th - March 20th, 2009 (CAN\$1250)

**DESCRIPTION:** This intense one week workshop will focus on a myriad of different techniques used in the molecular manipulation of DNA, RNA and protein. Primarily aimed at researchers who are new to the area, or familiar but require a quick updating.

To register or inquire about the workshop, please contact Dr. David Ng at [db@interchange.ubc.ca](mailto:db@interchange.ubc.ca) or 604-822-6264

### THREE DAY VERSION - LABORATORY BIOINFORMATICS WORKSHOP

February, 16th - 18th, 2009 (CAN\$750)

**DESCRIPTION:** This workshop will focus on bioinformatics techniques for practical use in the laboratory. Hands-on exercises for retrieving data, primer design, BLAST searching, and genomics data navigation will be covered. Primarily aimed at researchers who are new to the area, or familiar but require a quick updating, where content covered can be tailored to laboratory needs.

To register or inquire about the workshop, please contact Dr. Joanne Fox at [joanne@mssl.ubc.ca](mailto:joanne@mssl.ubc.ca) or 604-827-3911

Detailed content for both workshops can be found at <http://www.bioteach.ubc.ca/mb-workshops/>

#### REVIEWS FROM OUR SUMMER 2008

##### MOLECULAR TECHNIQUES WORKSHOP:

“Overall - Excellent! David took care to explain very difficult concepts and fundamental chemical/physical interactions clearly. I would recommend this course to anyone wishing to refresh or learn molecular biology regardless of background.”

*Dwayne N. Jackson, Assistant Professor, Department of Medical Biophysics, University of Western Ontario*

“The workshop went far beyond my expectations. I now feel ready to introduce several new techniques to my lab, but beyond that, I will now be better able to teach my class in September. Dave is a fantastic teacher, and I can only hope that some of that will have rubbed off.”

*Matt S. Ramer, Associate Professor Department of Zoology/Neuroscience, British Columbia Neurotrauma Fund Chair*

“Excellent! So easy to follow, even an economist can do it!”

*Joseph Jackson, Economist, Network for Open Science Innovation*

“Great workshop, very interactive and hands on. Provide a good overview of the major molecular biology techniques. I feel a lot more confident with things like PAGE or PCR now.”

*Vincent Tabard-Cossa, Post-Doctorate, Department of Physics.*

##### REVIEWS FROM OUR PREVIOUS BIOINFORMATICS WORKSHOPS

“This was an excellent workshop for researchers who have been using bioinformatic search engines in the past, but haven't been using them to their full potential. I learned many new tips and tricks that will save me a lot of time in the future. An added bonus was learning how tools like BLAST actually work at the bare bones level. A great workshop!”

*Adam Warner - Department of Zoology, UBC*

“The workshop was extremely beneficial in providing valuable insight into tools that are readily available but not necessarily obvious to the bioinformatically untrained. I look forward to applying what I have learned to my research which should improve in both efficacy and efficiency.”

*Curtis Hughesman - Chemical and Biological Engineering, UBC*

“This is an excellent overview of some of the most widely used bioinformatics tools. It presents several survival bioinformatics skills but opens your eyes to how much more there is out there and how you can access these tools and information.”

*Jessica McLellan - Medical Genetics, UBC*